

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078189.D
 Acq On : 13 Jun 2023 16:42
 Operator : JC\MD
 Sample : VN0613MBS03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 02:21:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	414849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	747443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	655610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	298983	54.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane	8.171	113	243168	51.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	10.571	98	911060	50.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.853	95	282947	49.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	75992	16.205	ug/l	93
3) Chloromethane	2.371	50	85002	18.104	ug/l	96
4) Vinyl Chloride	2.518	62	110772	18.039	ug/l	99
5) Bromomethane	2.959	94	84442	18.196	ug/l	96
6) Chloroethane	3.124	64	78238	18.690	ug/l	93
7) Trichlorofluoromethane	3.500	101	147770	17.746	ug/l	95
8) Diethyl Ether	3.971	74	54207	18.527	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	84378	19.200	ug/l	100
10) Methyl Iodide	4.594	142	115122	18.524	ug/l	93
11) Tert butyl alcohol	5.536	59	82390	107.876	ug/l	99
12) 1,1-Dichloroethene	4.342	96	77986	17.215	ug/l	97
13) Acrolein	4.189	56	75460	89.647	ug/l	95
14) Allyl chloride	5.030	41	113940	20.604	ug/l	94
15) Acrylonitrile	5.730	53	210170	106.737	ug/l	98
16) Acetone	4.441	43	181485	113.992	ug/l	94
17) Carbon Disulfide	4.718	76	200758	17.217	ug/l	100
18) Methyl Acetate	5.041	43	148891	20.313	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	285151	19.728	ug/l	96
20) Methylene Chloride	5.289	84	98720	18.764	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	86160	17.634	ug/l	92
22) Diisopropyl ether	6.683	45	268686	20.656	ug/l	94
23) Vinyl Acetate	6.612	43	814484	105.334	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	166336	19.384	ug/l	96
25) 2-Butanone	7.494	43	262486	107.212	ug/l	88
26) 2,2-Dichloropropane	7.494	77	138249	21.820	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	104809	17.983	ug/l	93
28) Bromochloromethane	7.824	49	83642	21.230	ug/l	88
29) Tetrahydrofuran	7.847	42	173713	106.137	ug/l	86
30) Chloroform	7.977	83	179912	19.471	ug/l	91
31) Cyclohexane	8.271	56	132571	18.684	ug/l	83
32) 1,1,1-Trichloroethane	8.177	97	155989	19.229	ug/l	95
36) 1,1-Dichloropropene	8.382	75	126114	18.604	ug/l	100
37) Ethyl Acetate	7.571	43	113084	21.354	ug/l #	95
38) Carbon Tetrachloride	8.371	117	134939	18.852	ug/l	98
39) Methylcyclohexane	9.606	83	114943	16.362	ug/l	94
40) Benzene	8.612	78	384031	18.976	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	56836	19.801	ug/l	94
42) 1,2-Dichloroethane	8.677	62	141465	20.387	ug/l	98
43) Isopropyl Acetate	8.694	43	189497	18.711	ug/l	95
44) Trichloroethene	9.359	130	97052	18.159	ug/l	93
45) 1,2-Dichloropropane	9.629	63	98883	19.638	ug/l	91
46) Dibromomethane	9.718	93	72631	19.584	ug/l	95
47) Bromodichloromethane	9.894	83	143738	20.865	ug/l	97
48) Methyl methacrylate	9.688	41	85526	20.123	ug/l	93
49) 1,4-Dioxane	9.700	88	39032	436.948	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	576222	108.046	ug/l	94
52) Toluene	10.635	92	245597	19.221	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	147244	20.523	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	158634	20.002	ug/l #	91
55) 1,1,2-Trichloroethane	11.023	97	97749	20.223	ug/l	98
56) Ethyl methacrylate	10.882	69	147033	20.891	ug/l	93
57) 1,3-Dichloropropane	11.170	76	166991	20.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	287406	101.086	ug/l	94
59) 2-Hexanone	11.200	43	402889	108.496	ug/l	92
60) Dibromochloromethane	11.365	129	105968	20.035	ug/l	97
61) 1,2-Dibromoethane	11.476	107	102752	20.257	ug/l	98
64) Tetrachloroethene	11.112	164	82764	18.923	ug/l	96
65) Chlorobenzene	11.894	112	260164	18.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	102158	19.783	ug/l	98
67) Ethyl Benzene	11.970	91	452983	18.698	ug/l	99
68) m/p-Xylenes	12.076	106	339000	36.717	ug/l	95
69) o-Xylene	12.406	106	168899	18.629	ug/l	95
70) Styrene	12.417	104	269561	18.885	ug/l	97
71) Bromoform	12.582	173	67711	20.318	ug/l #	97
73) Isopropylbenzene	12.700	105	406471	17.996	ug/l	99
74) N-amyl acetate	12.500	43	143605	19.307	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	141941	21.451	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	116670m	20.662	ug/l	
77) Bromobenzene	12.988	156	99209	18.921	ug/l	98
78) n-propylbenzene	13.041	91	449900	18.333	ug/l	98
79) 2-Chlorotoluene	13.129	91	298641	18.853	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	333227	18.222	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	38118m	20.740	ug/l	
82) 4-Chlorotoluene	13.229	91	273057	18.470	ug/l	98
83) tert-Butylbenzene	13.447	119	272566	17.147	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	324391	18.297	ug/l	98
85) sec-Butylbenzene	13.623	105	350439	16.843	ug/l	98
86) p-Isopropyltoluene	13.735	119	286628	16.976	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	158093	17.825	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	149198	17.433	ug/l	96
89) n-Butylbenzene	14.064	91	219368	16.472	ug/l	98
90) Hexachloroethane	14.341	117	53631	17.899	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	164004	18.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22947	20.511	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	50929	16.491	ug/l	97
94) Hexachlorobutadiene	15.506	225	26349	15.560	ug/l	95
95) Naphthalene	15.647	128	165477	15.929	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	57119	16.537	ug/l	97

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ClientSampleId :
VN0613MBS03

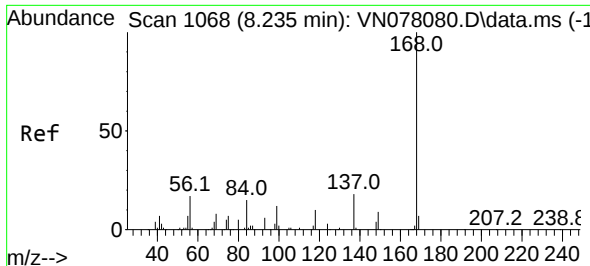
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 06/14/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



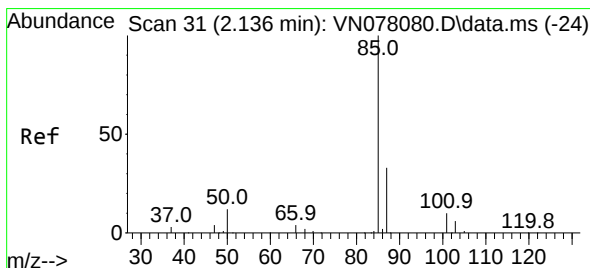
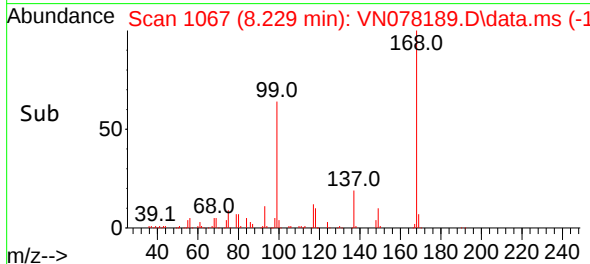
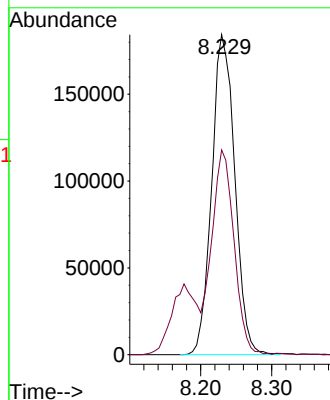
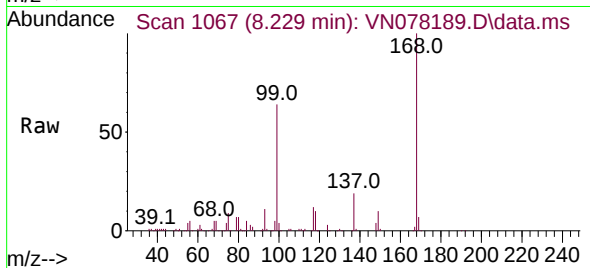
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion:168 Resp: 414849
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

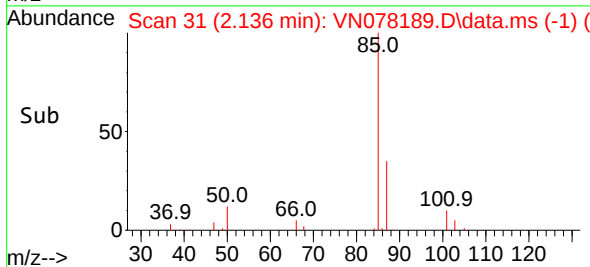
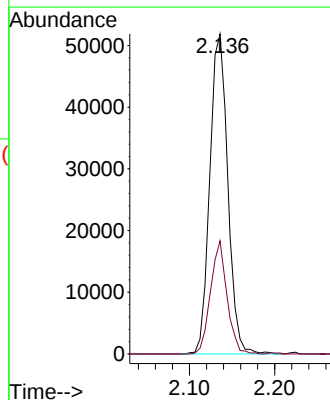
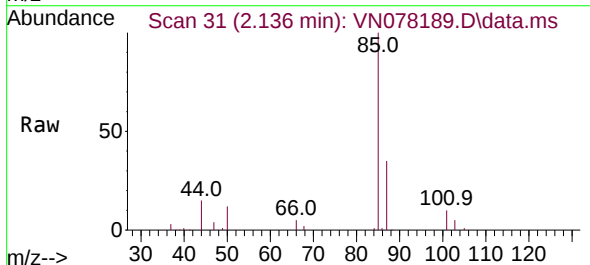
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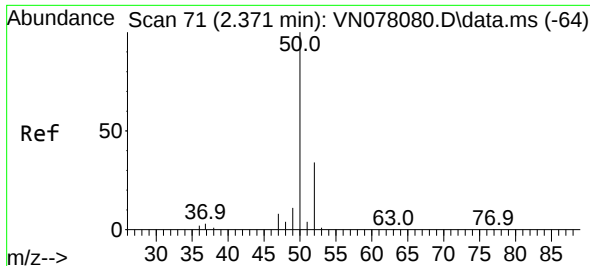
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#2
Dichlorodifluoromethane
Concen: 16.205 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

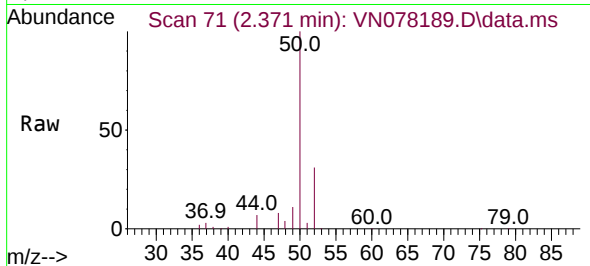
Tgt Ion: 85 Resp: 75992
Ion Ratio Lower Upper
85 100
87 35.4 15.8 47.4





#3
Chloromethane
Concen: 18.104 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

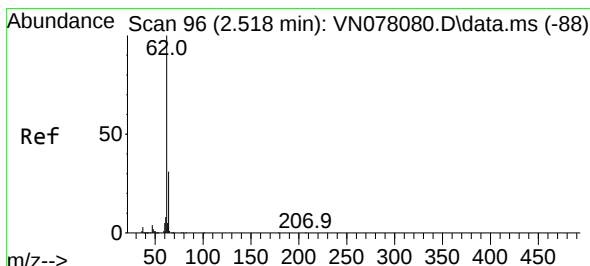
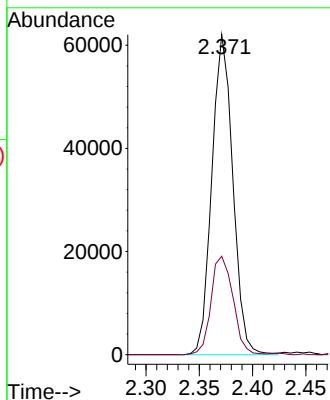
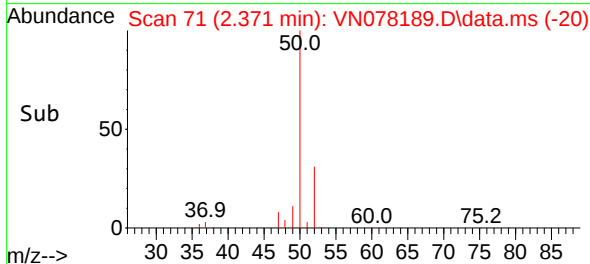
Instrument :
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ClientSampleId :
VN0613MBS03



Tgt Ion: 50 Resp: 8500
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7

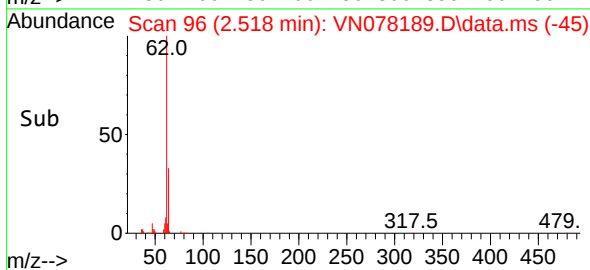
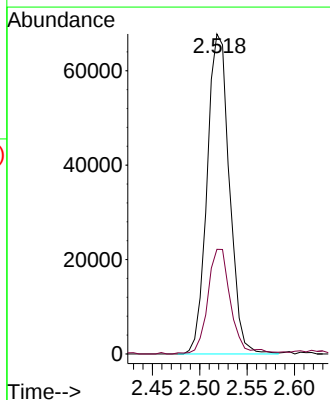
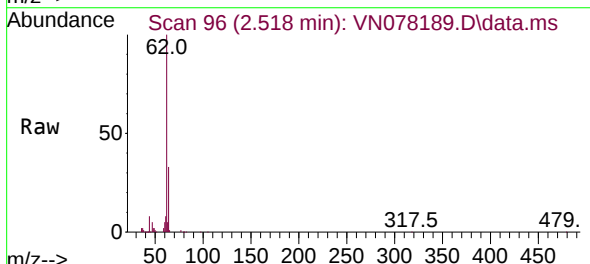
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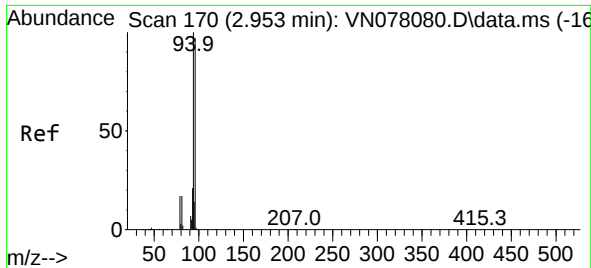
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#4
Vinyl Chloride
Concen: 18.039 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

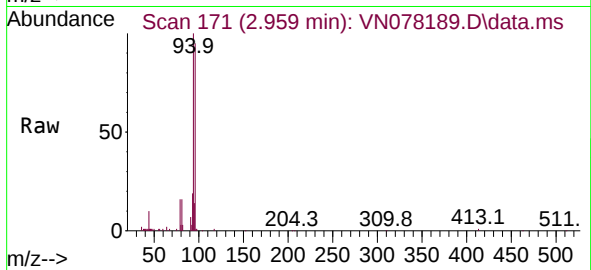
Tgt Ion: 62 Resp: 110772
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 18.196 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

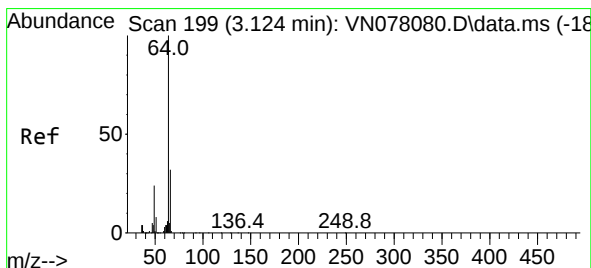
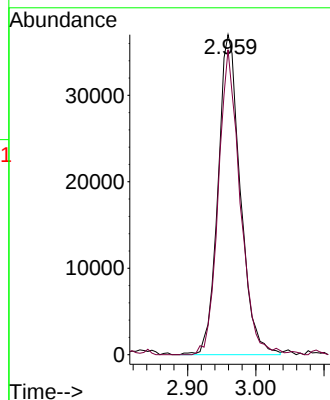
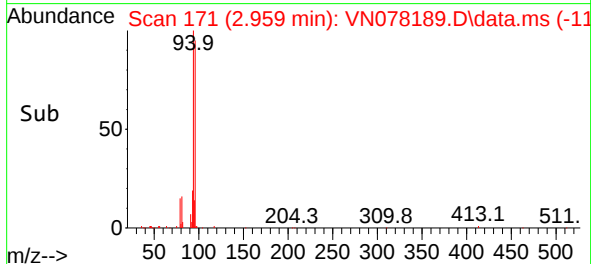
Instrument :
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Tgt Ion: 94 Resp: 8444
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

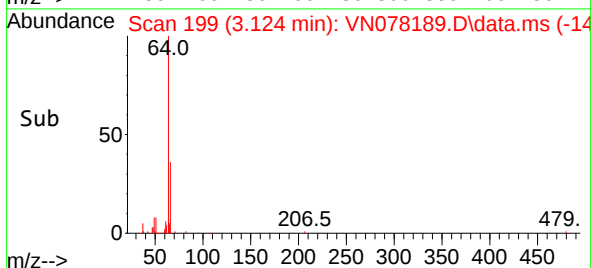
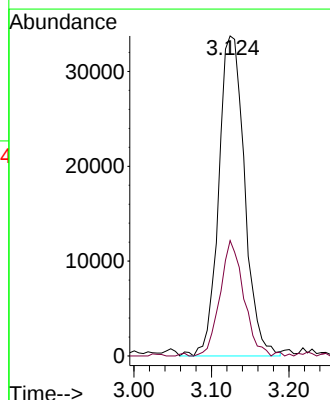
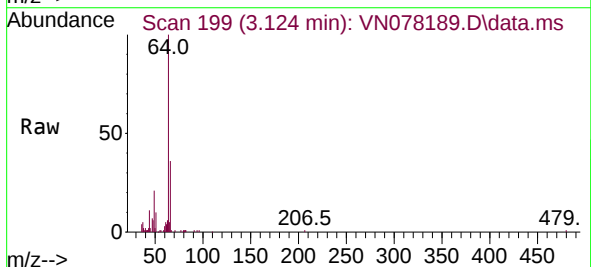
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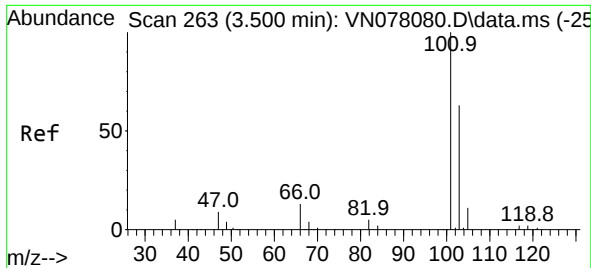
Reviewed By :John Carlone 06/14/2023
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#6
Chloroethane
Concen: 18.690 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078189.D
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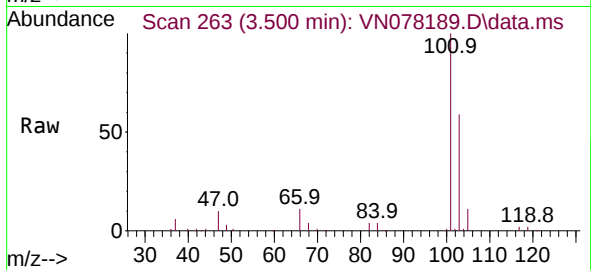
Tgt Ion: 64 Resp: 78238
Ion Ratio Lower Upper
64 100
66 35.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.746 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN078189.D
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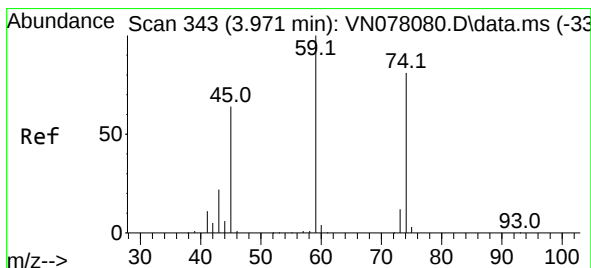
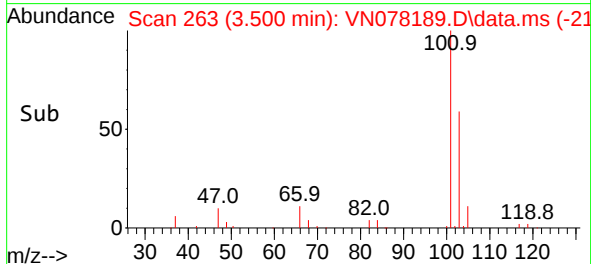
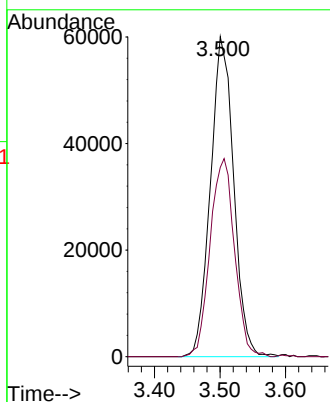
Instrument :
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VN0613MBS03



Tgt Ion:101 Resp: 147770
Ion Ratio Lower Upper
101 100
103 59.2 50.7 76.1

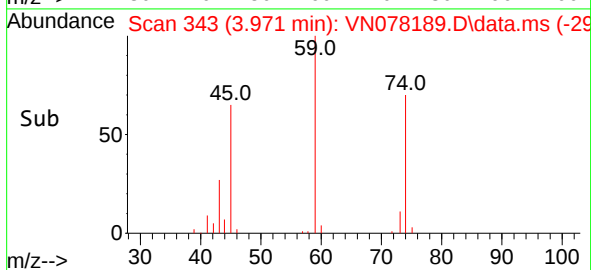
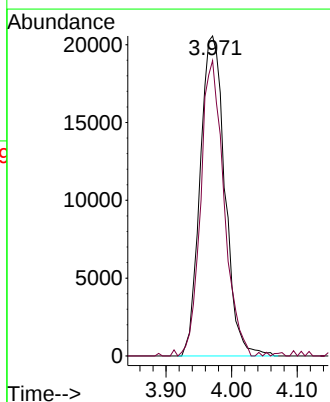
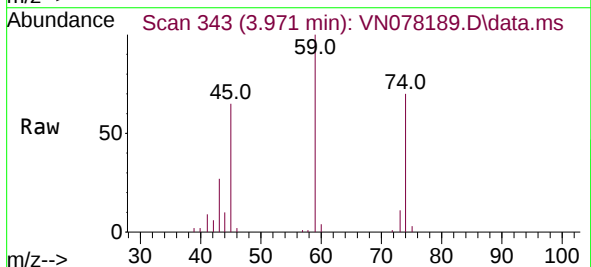
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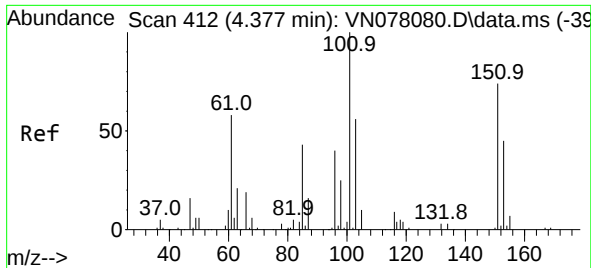
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#8
Diethyl Ether
Concen: 18.527 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion: 74 Resp: 54207
Ion Ratio Lower Upper
74 100
45 86.8 34.4 103.3





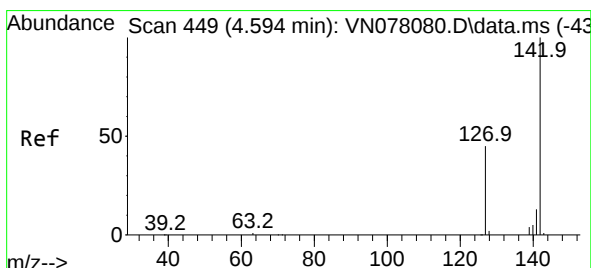
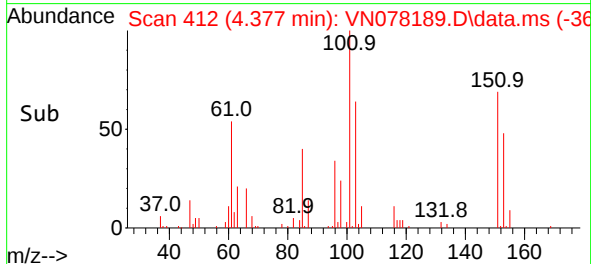
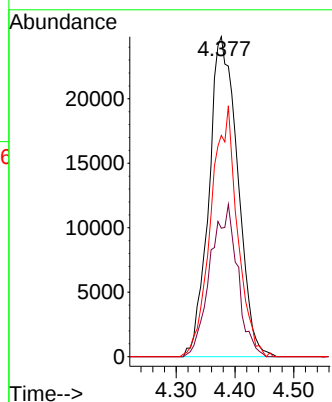
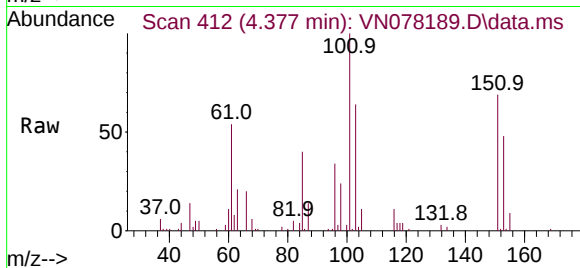
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.200 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion:101 Resp: 84378
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 71.9 57.6 86.4

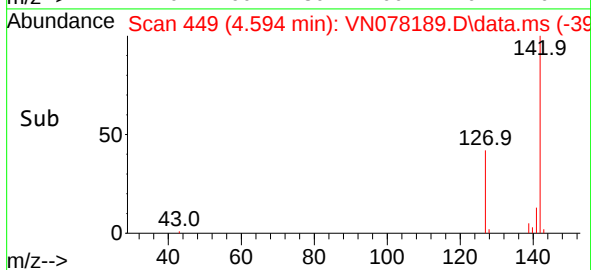
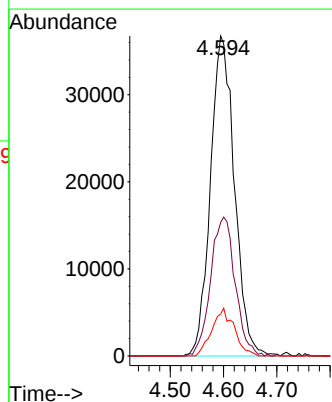
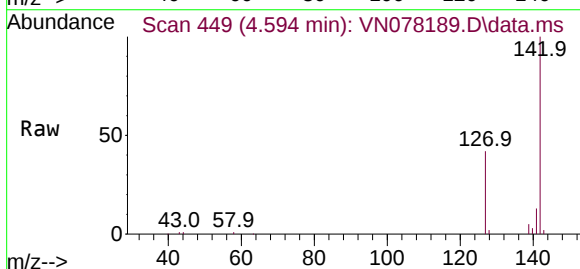
Manual Integrations
APPROVED

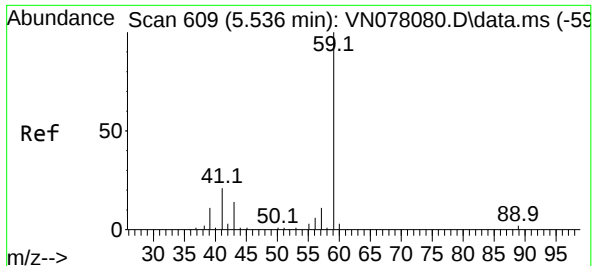
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#10
Methyl Iodide
Concen: 18.524 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

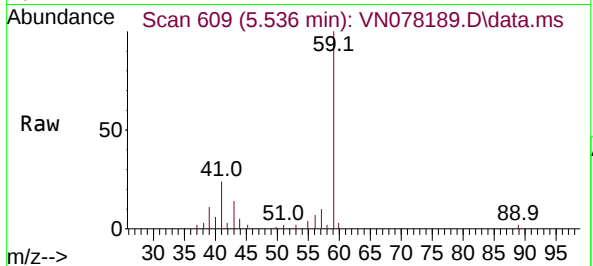
Tgt Ion:142 Resp: 115122
Ion Ratio Lower Upper
142 100
127 41.8 37.6 56.4
141 13.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 107.876 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

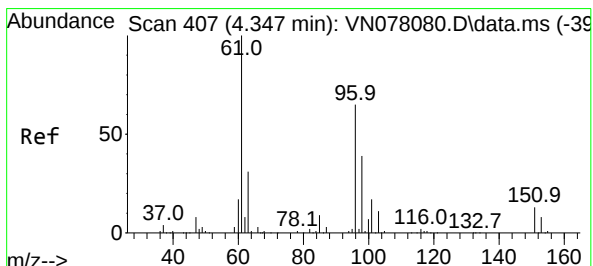
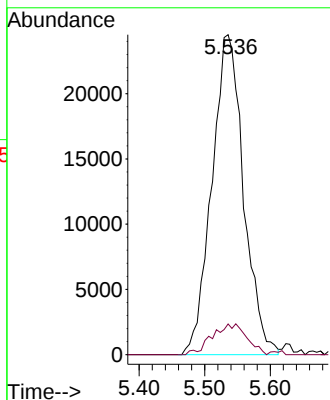
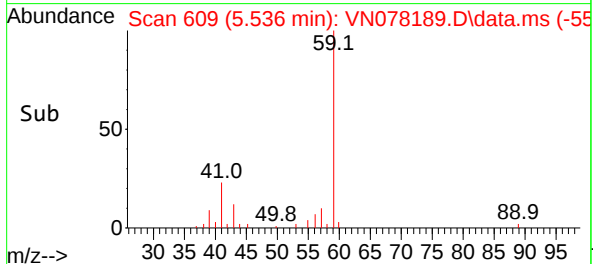
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



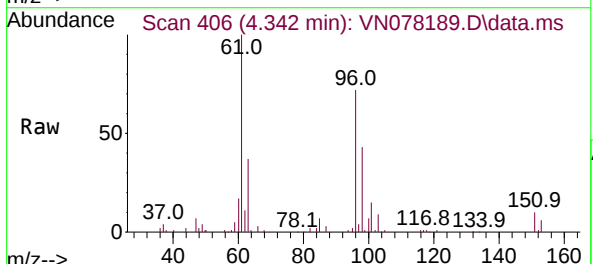
Tgt Ion: 59 Resp: 82390
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

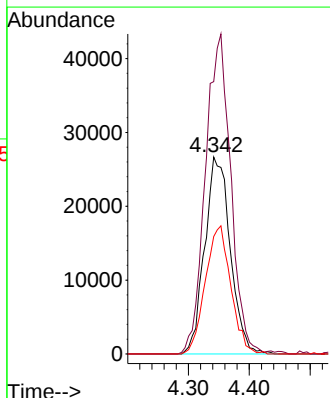
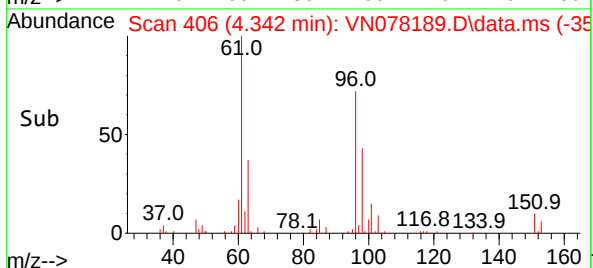
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

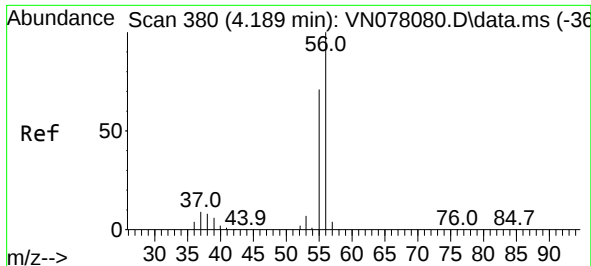


#12
1,1-Dichloroethene
Concen: 17.215 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



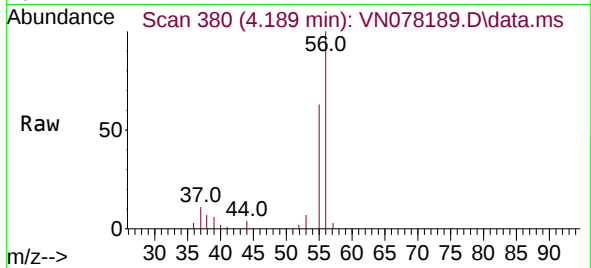
Tgt Ion: 96 Resp: 77986
Ion Ratio Lower Upper
96 100
61 138.3 112.7 169.1
98 59.7 51.2 76.8





#13
Acrolein
Concen: 89.647 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

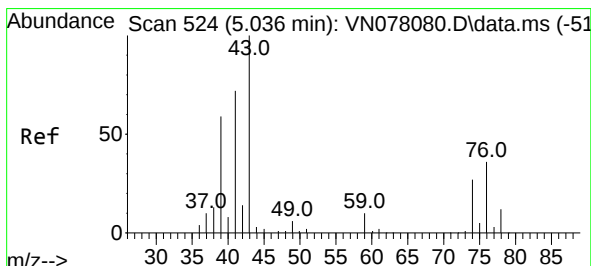
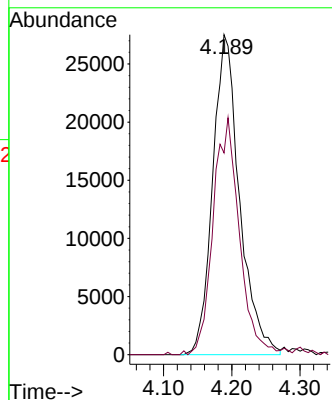
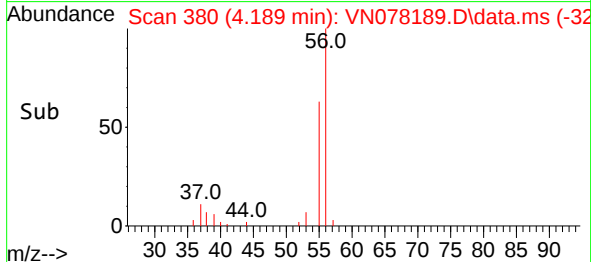
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



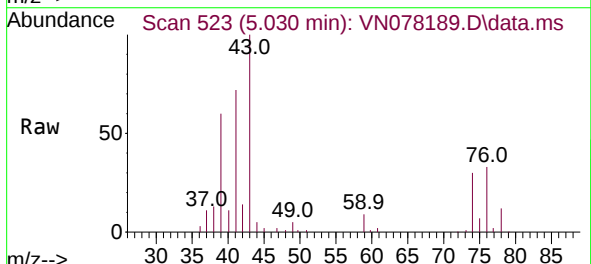
Tgt Ion: 56 Resp: 75460
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

Manual Integrations
APPROVED

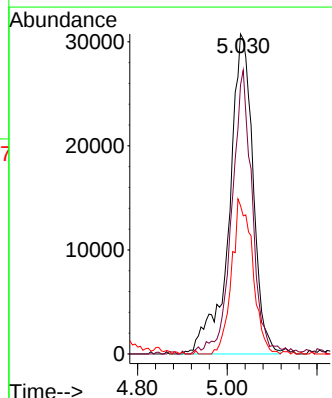
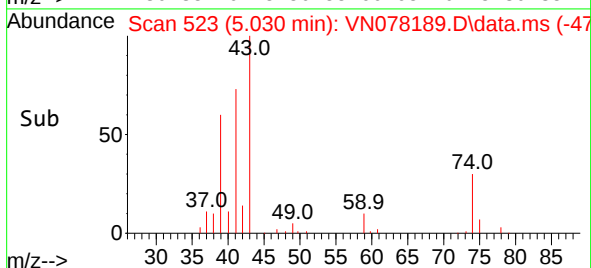
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

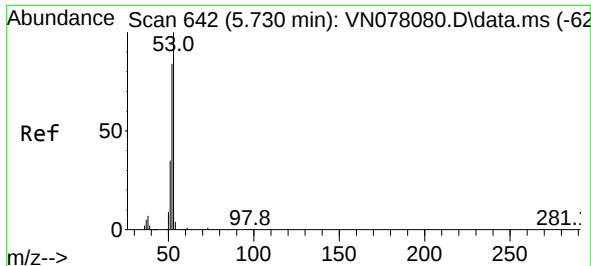


#14
Allyl chloride
Concen: 20.604 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



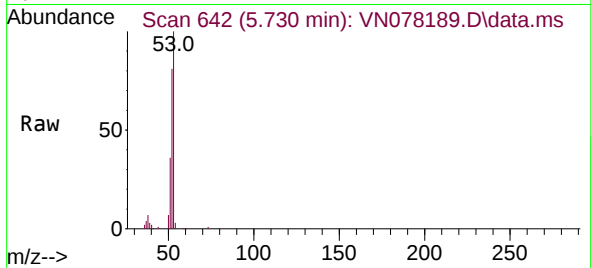
Tgt Ion: 41 Resp: 113940
Ion Ratio Lower Upper
41 100
39 76.3 58.8 88.2
76 42.4 39.1 58.7





#15
Acrylonitrile
Concen: 106.737 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

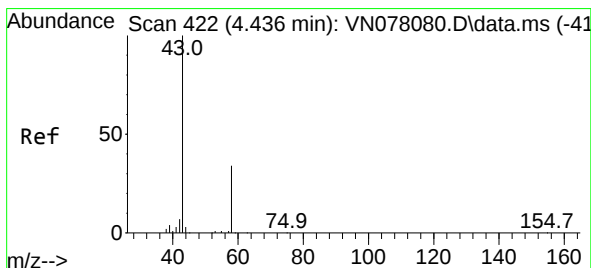
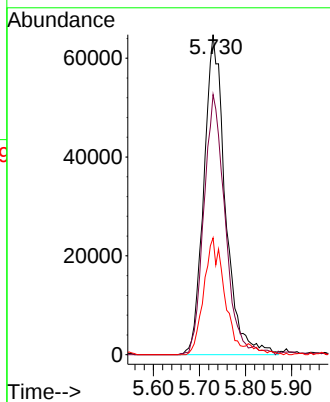
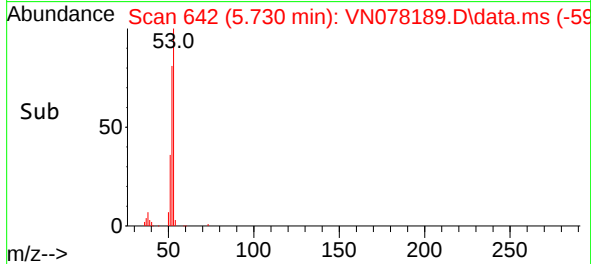
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 53 Resp: 210170
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 34.9 28.9 43.3

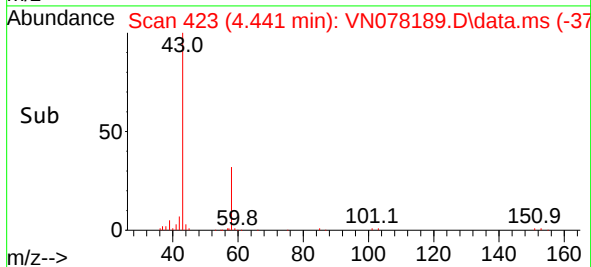
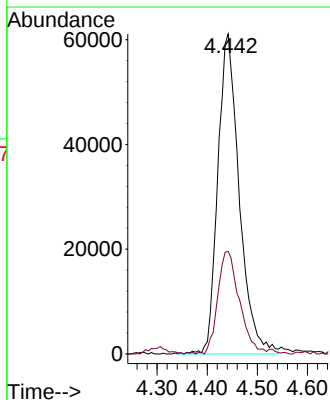
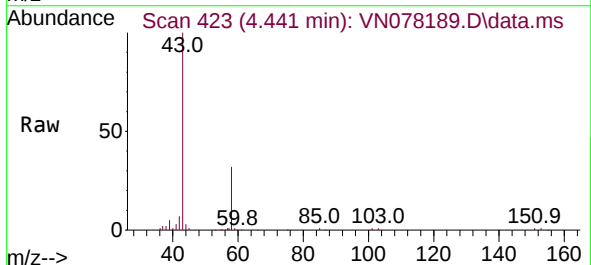
Manual Integrations
APPROVED

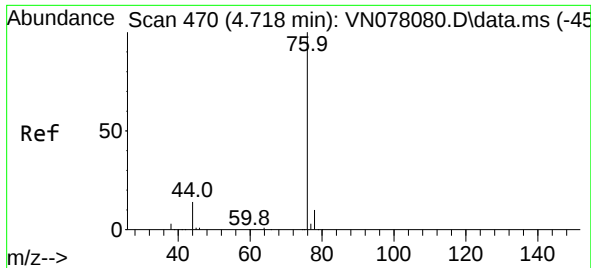
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#16
Acetone
Concen: 113.992 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

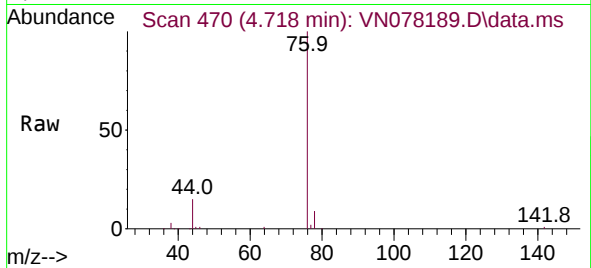
Tgt Ion: 43 Resp: 181485
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 17.217 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

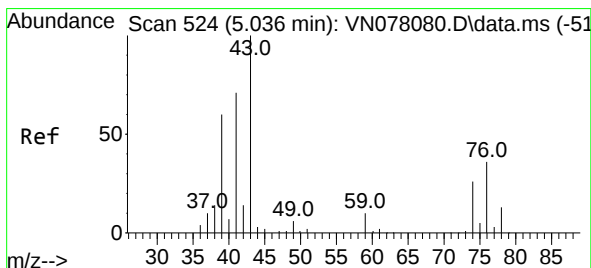
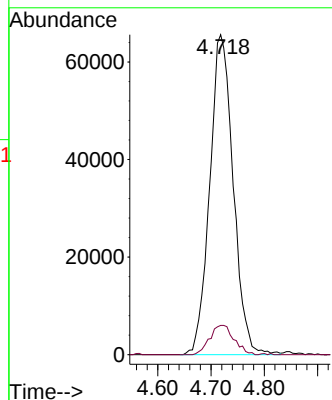
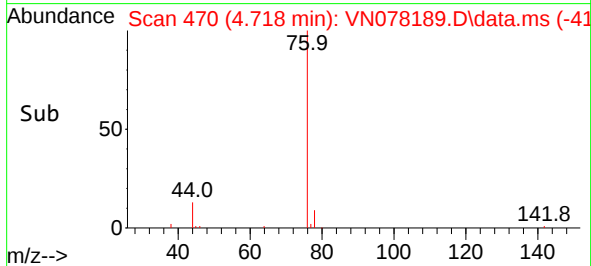
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



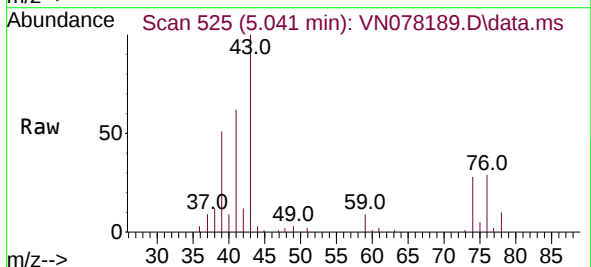
Tgt Ion: 76 Resp: 200758
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

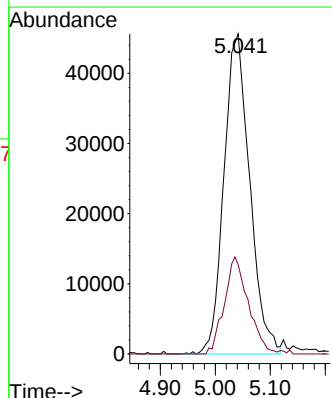
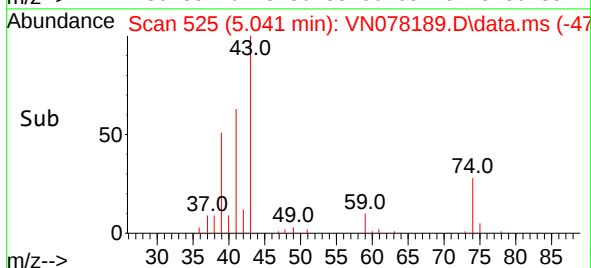
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

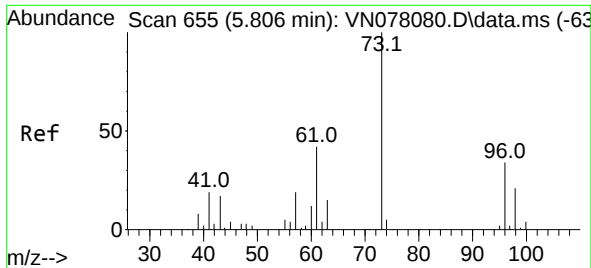


#18
Methyl Acetate
Concen: 20.313 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



Tgt Ion: 43 Resp: 148891
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





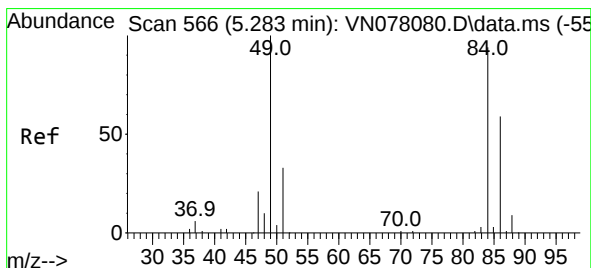
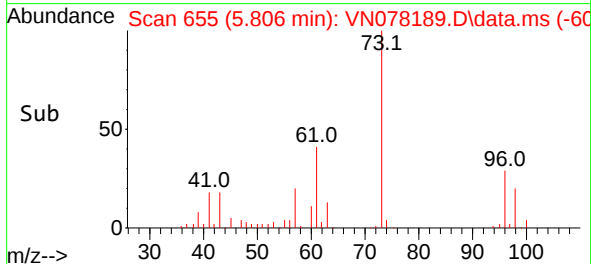
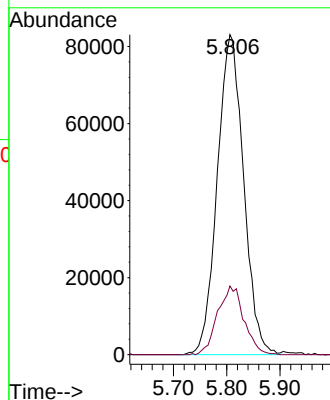
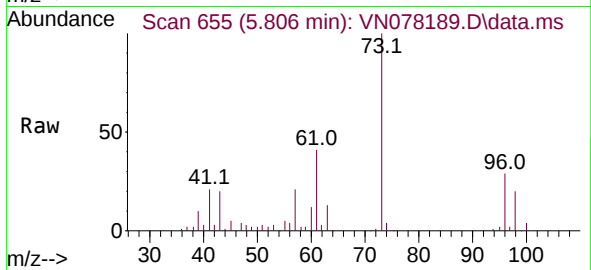
#19
Methyl tert-butyl Ether
Concen: 19.728 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion: 73 Resp: 28515
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

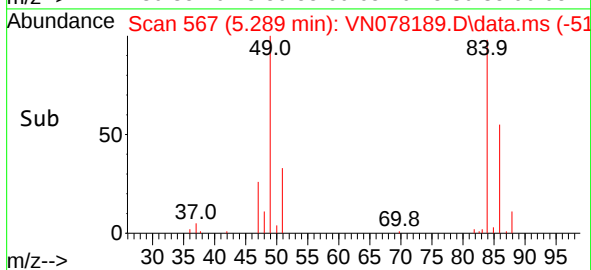
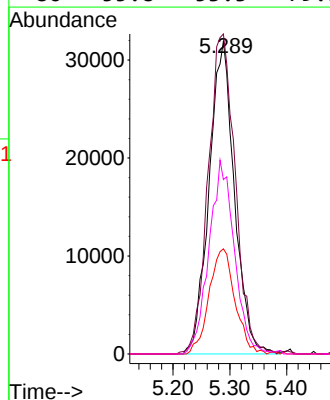
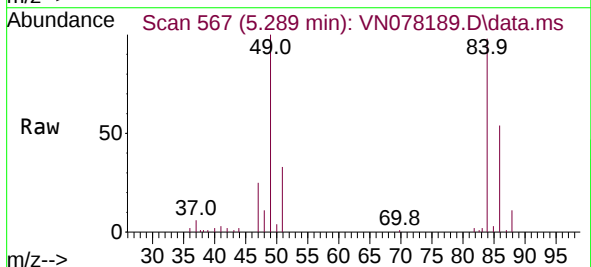
Manual Integrations
APPROVED

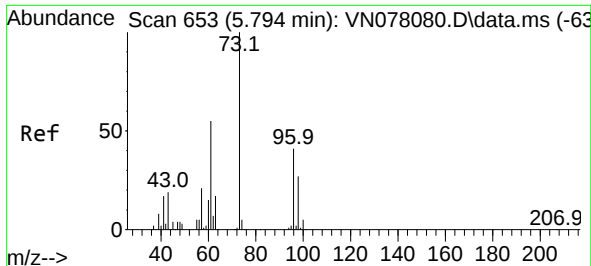
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#20
Methylene Chloride
Concen: 18.764 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

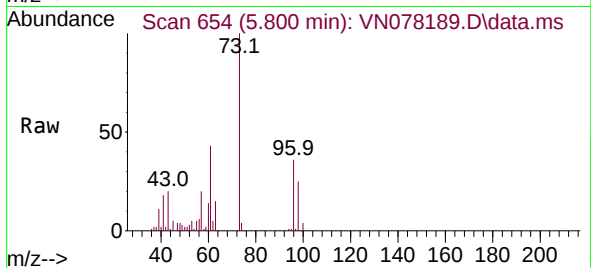
Tgt Ion: 84 Resp: 98720
Ion Ratio Lower Upper
84 100
49 101.7 79.7 119.5
51 33.6 25.2 37.8
86 55.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.634 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

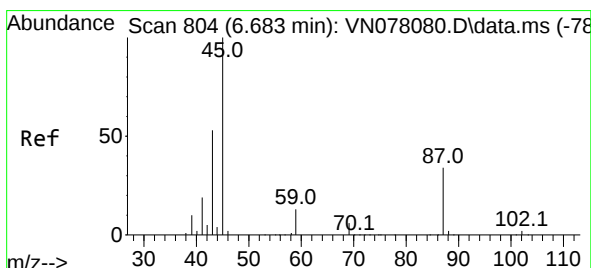
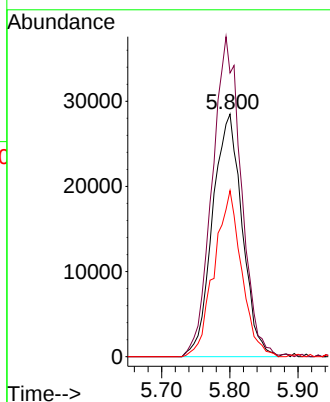
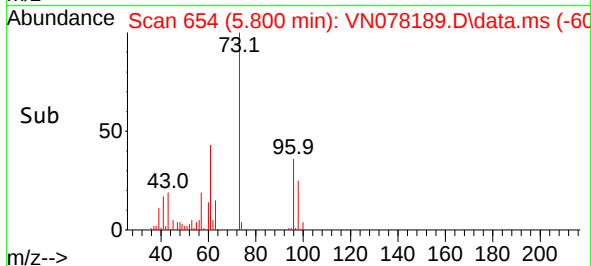
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 96 Resp: 86160
Ion Ratio Lower Upper
96 100
61 117.0 90.1 135.1
98 68.5 46.4 69.6

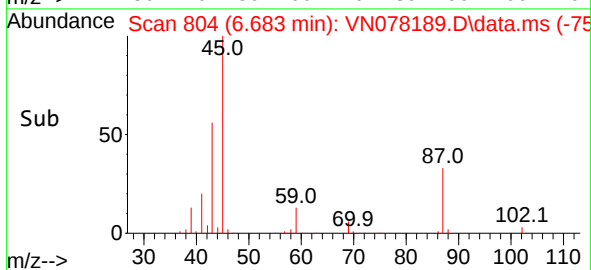
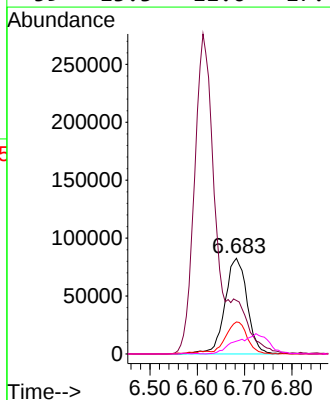
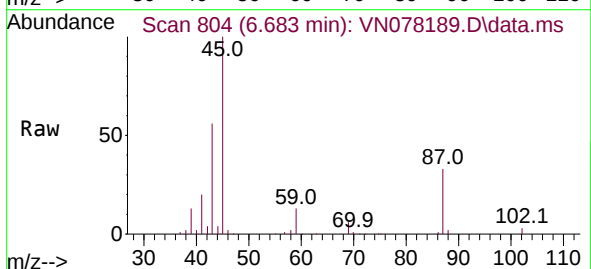
Manual Integrations
APPROVED

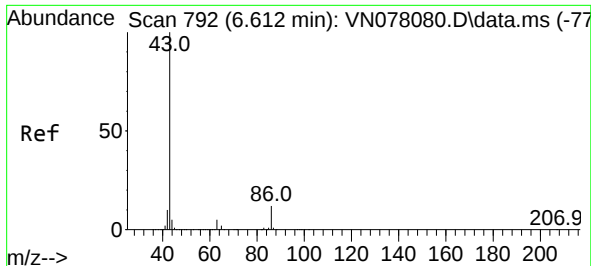
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#22
Diisopropyl ether
Concen: 20.656 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

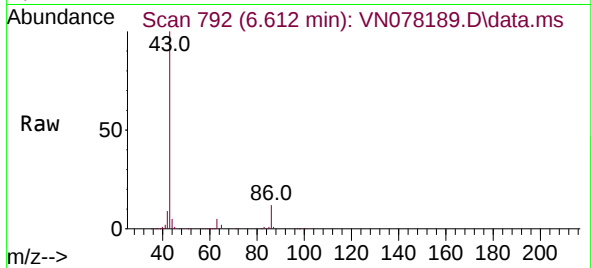
Tgt Ion: 45 Resp: 268686
Ion Ratio Lower Upper
45 100
43 53.4 45.5 68.3
87 33.4 31.8 47.8
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 105.334 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078189.D
 Acq: 13 Jun 2023 16:42

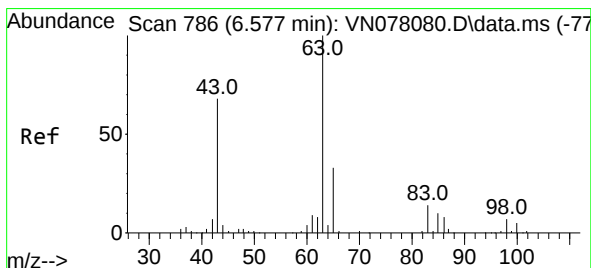
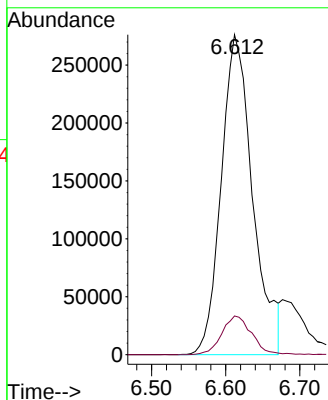
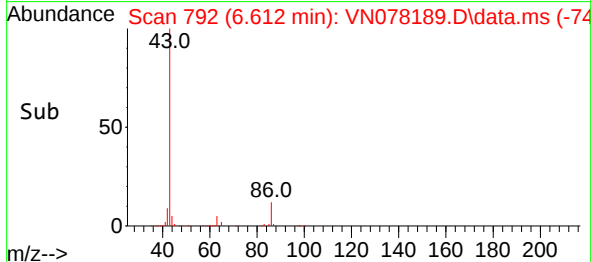
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS03



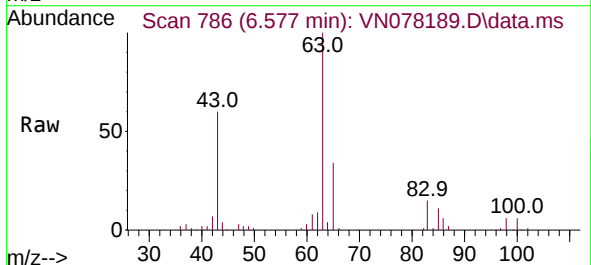
Tgt Ion: 43 Resp: 814484
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

Manual Integrations
 APPROVED

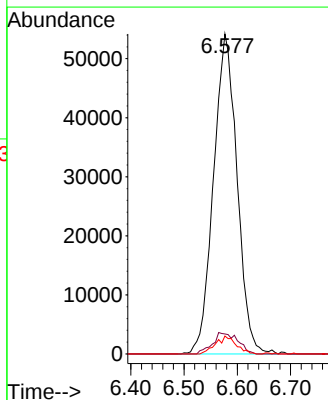
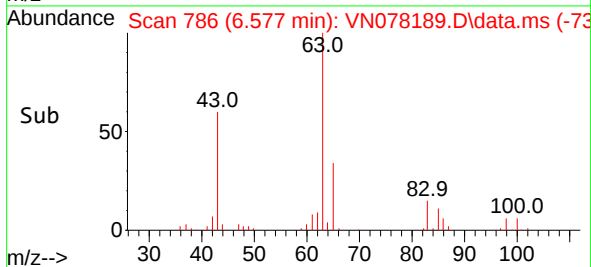
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

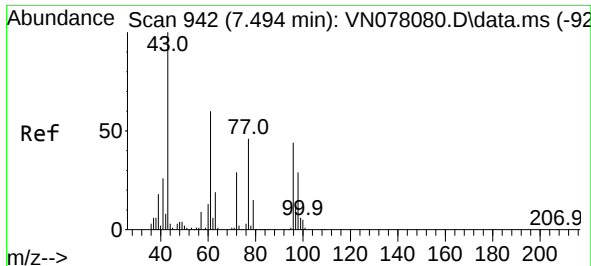


#24
 1,1-Dichloroethane
 Concen: 19.384 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078189.D
 Acq: 13 Jun 2023 16:42



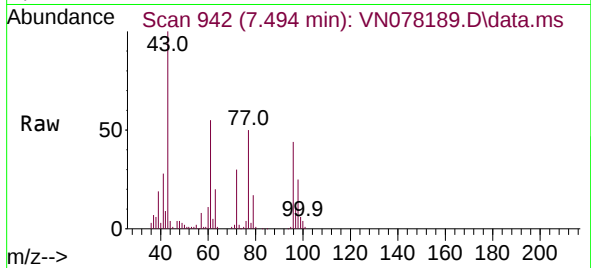
Tgt Ion: 63 Resp: 166336
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.6 2.5 7.4





#25
2-Butanone
Concen: 107.212 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

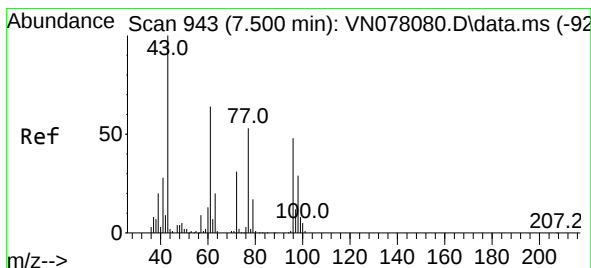
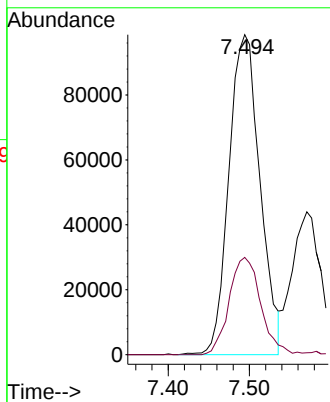
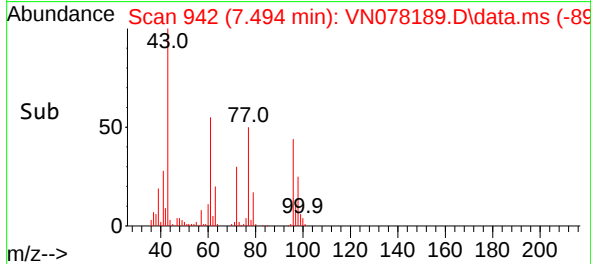
Instrument :
MSVOA_N
Client SampleId :
VN0613MBS03



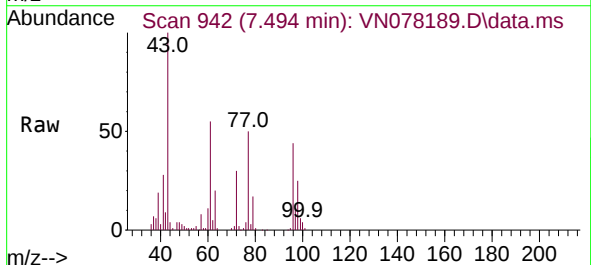
Tgt Ion: 43 Resp: 262480
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

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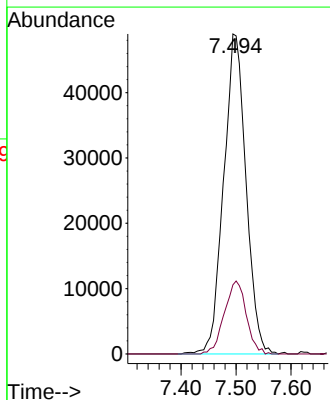
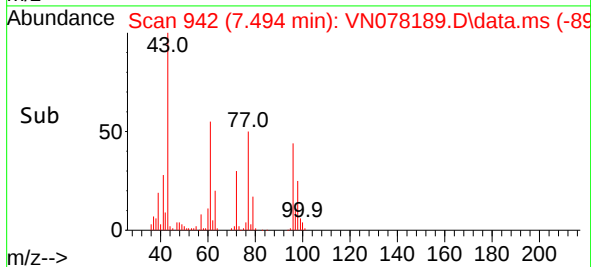
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

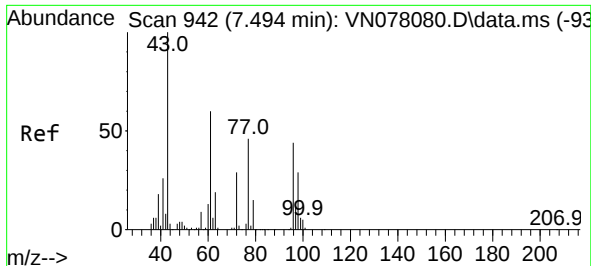


#26
2,2-Dichloropropane
Concen: 21.820 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



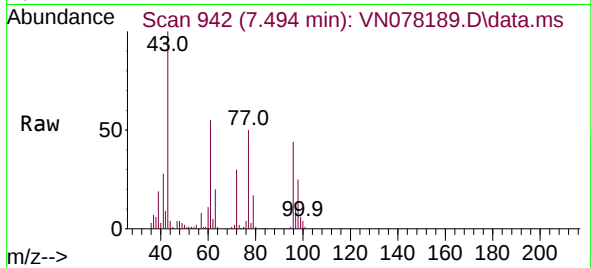
Tgt Ion: 77 Resp: 138249
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.983 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078189.D
 Acq: 13 Jun 2023 16:42

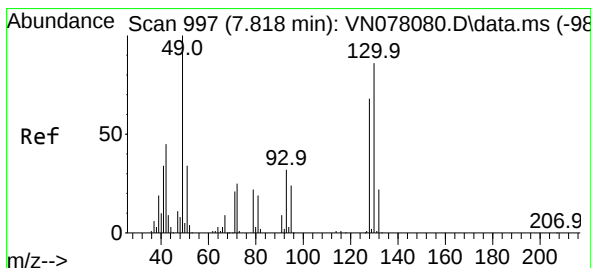
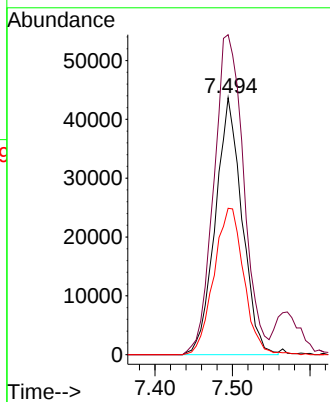
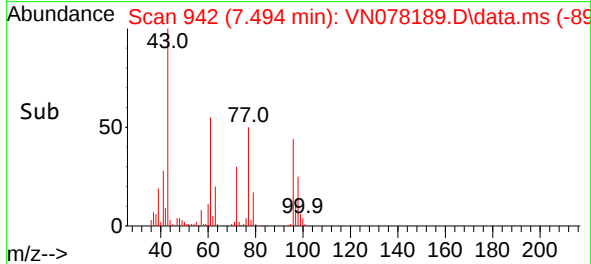
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS03



Tgt Ion: 96 Resp: 104809
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 255.2
 98 63.8 0.0 128.8

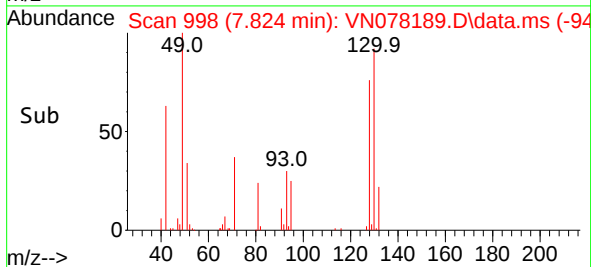
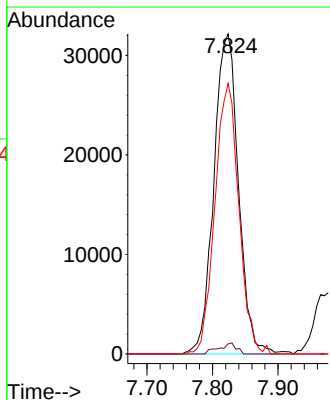
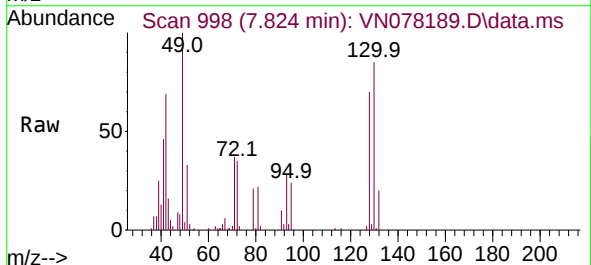
Manual Integrations
 APPROVED

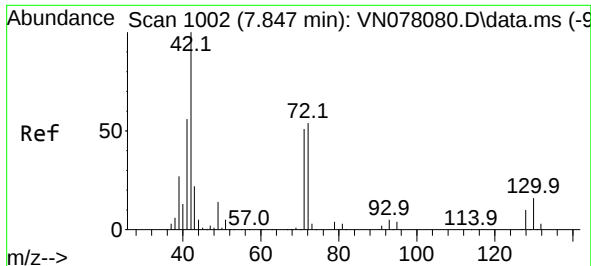
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#28
 Bromochloromethane
 Concen: 21.230 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078189.D
 Acq: 13 Jun 2023 16:42

Tgt Ion: 49 Resp: 83642
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 82.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.137 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion: 42 Resp: 17371

Ion Ratio Lower Upper

42 100

72 51.9 49.8 74.6

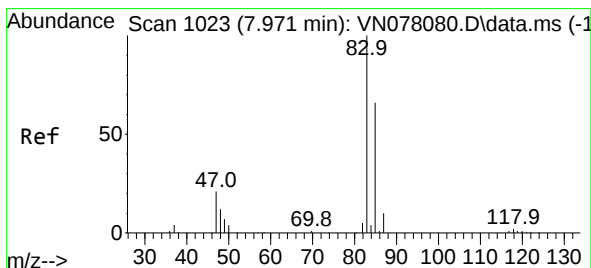
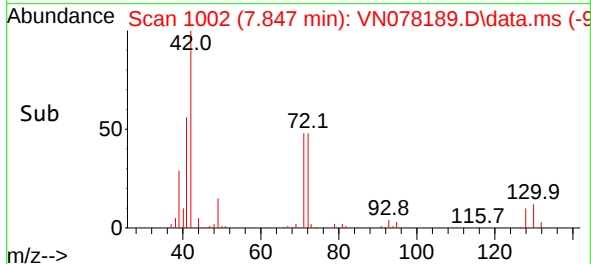
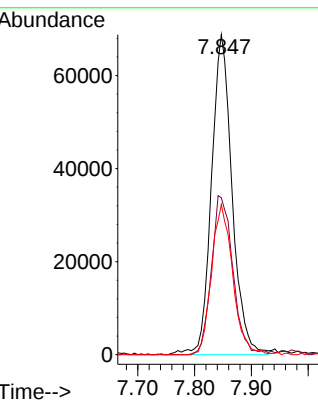
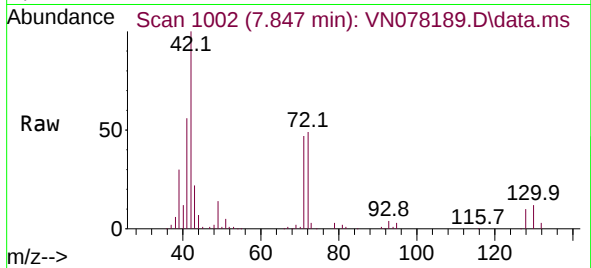
71 48.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#30

Chloroform

Concen: 19.471 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078189.D

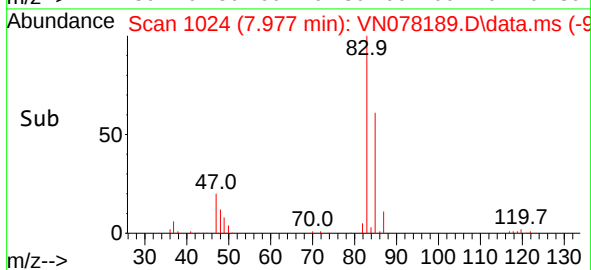
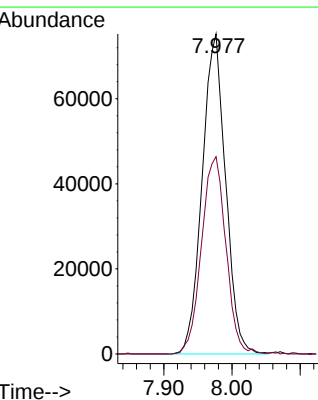
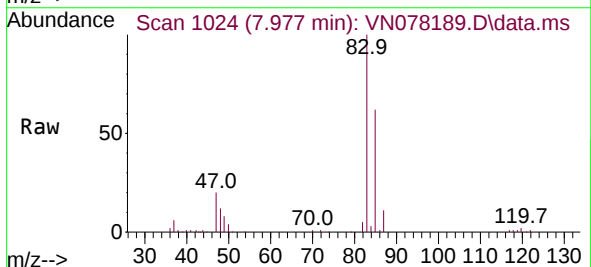
Acq: 13 Jun 2023 16:42

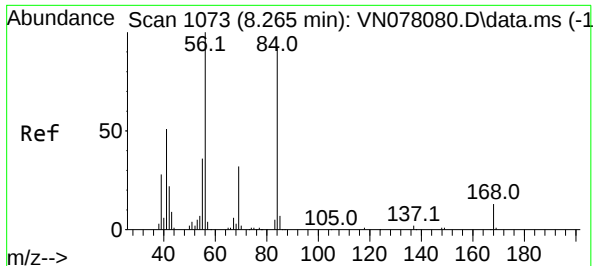
Tgt Ion: 83 Resp: 179912

Ion Ratio Lower Upper

83 100

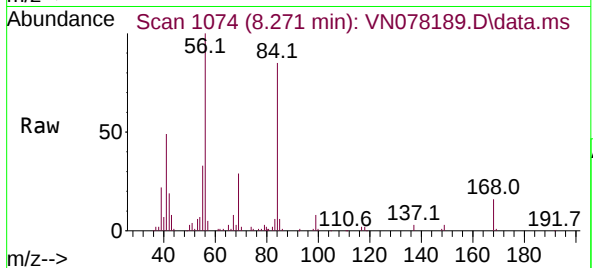
85 61.6 55.4 83.0





#31
Cyclohexane
Concen: 18.684 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

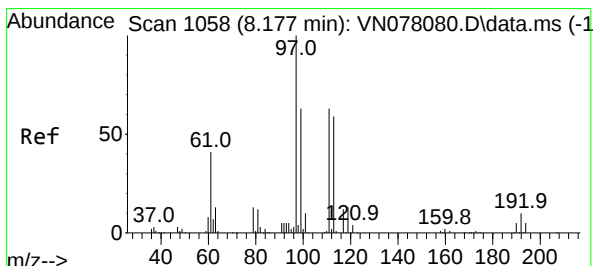
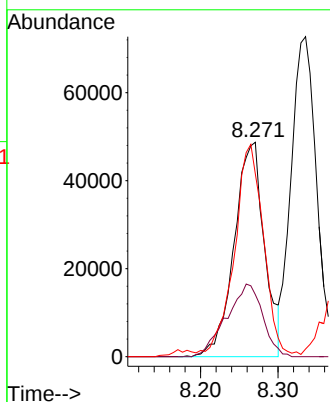
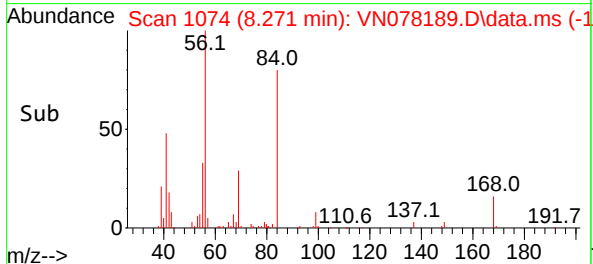
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 56 Resp: 13257
Ion Ratio Lower Upper
56 100
69 28.2 26.8 40.2
84 82.0 81.8 122.6

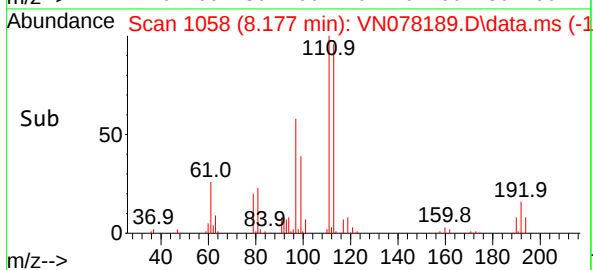
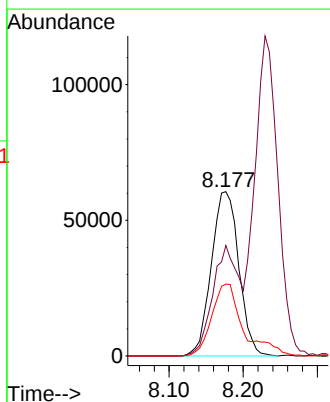
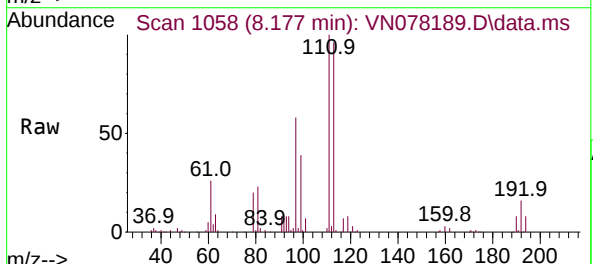
Manual Integrations
APPROVED

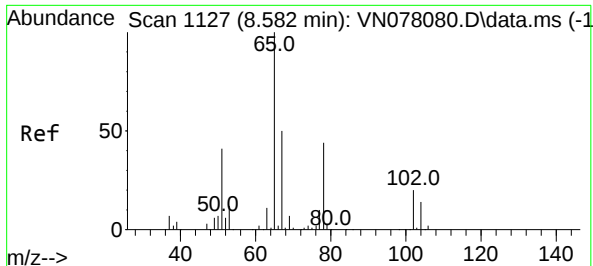
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#32
1,1,1-Trichloroethane
Concen: 19.229 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion: 97 Resp: 155989
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 50.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.054 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion: 65 Resp: 29898

Ion Ratio Lower Upper

65 100

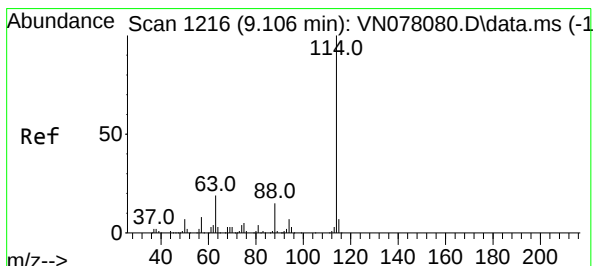
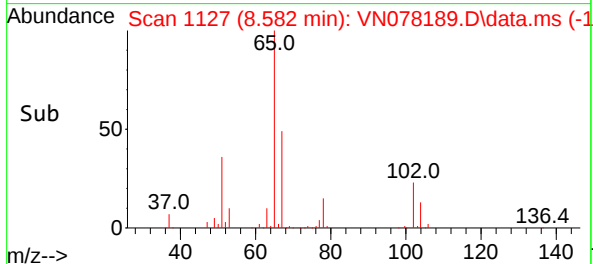
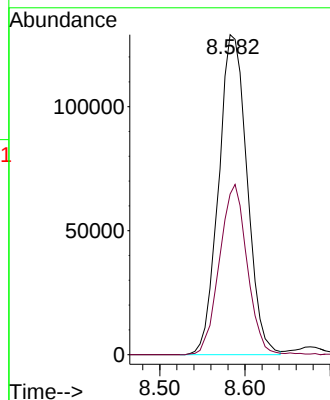
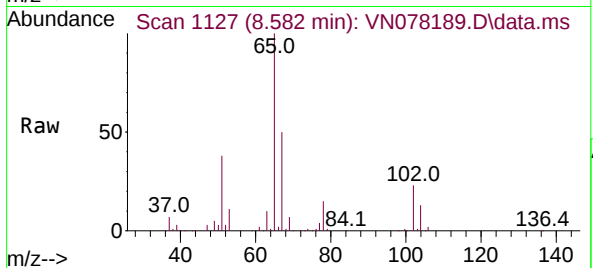
67 51.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

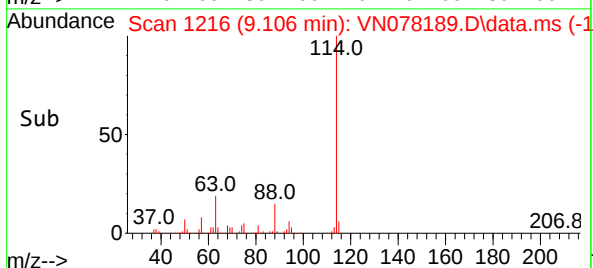
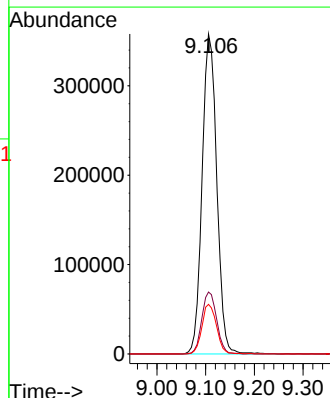
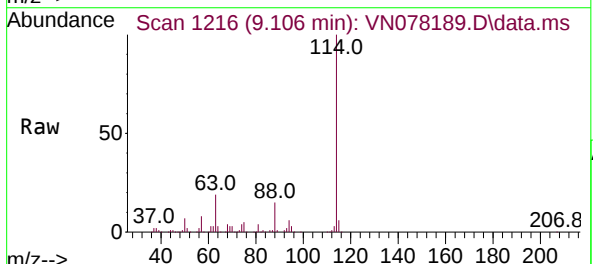
Tgt Ion:114 Resp: 747443

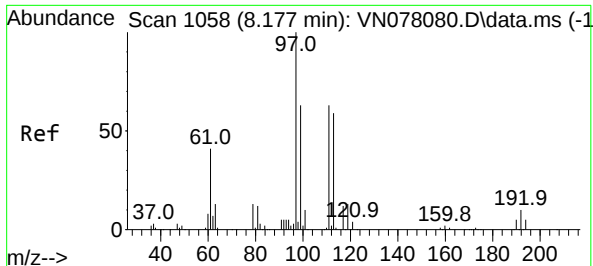
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

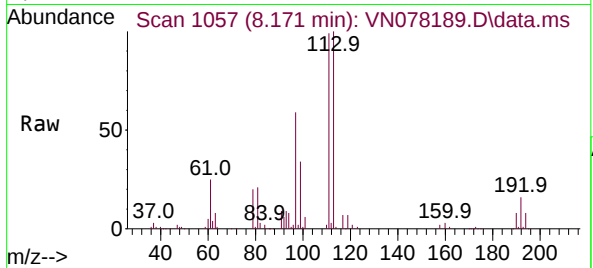
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.453 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

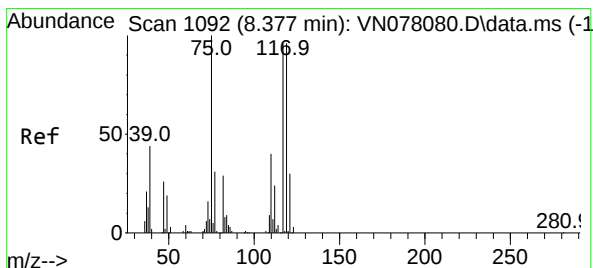
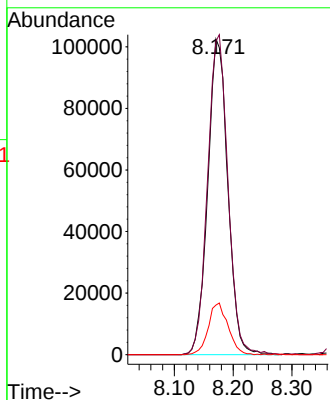
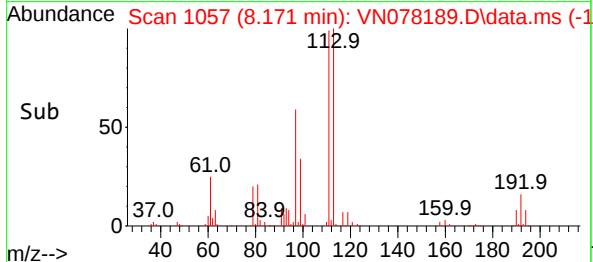
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



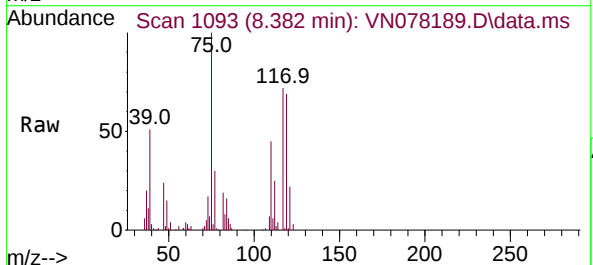
Tgt Ion: 113 Resp: 24316
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 16.2 12.7 19.1

Manual Integrations
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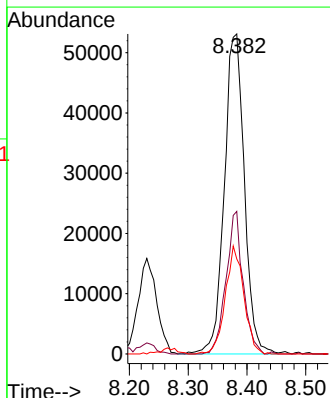
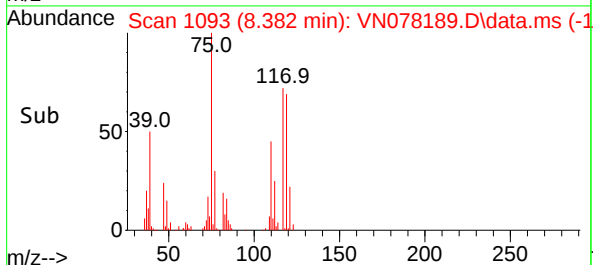
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

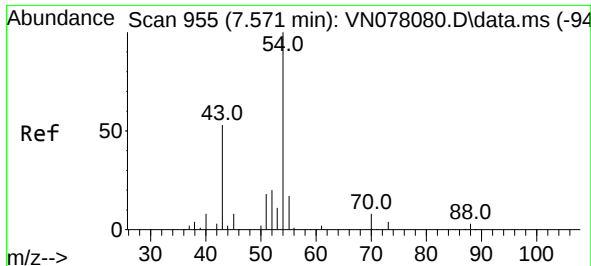


#36
1,1-Dichloropropene
Concen: 18.604 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



Tgt Ion: 75 Resp: 126114
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 21.354 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion: 43 Resp: 113084

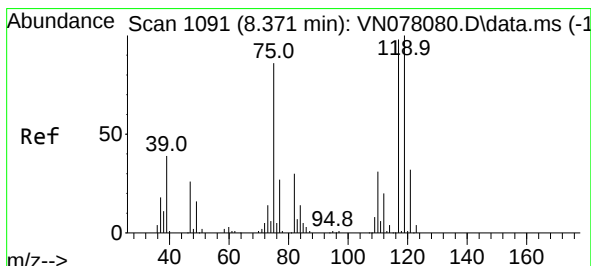
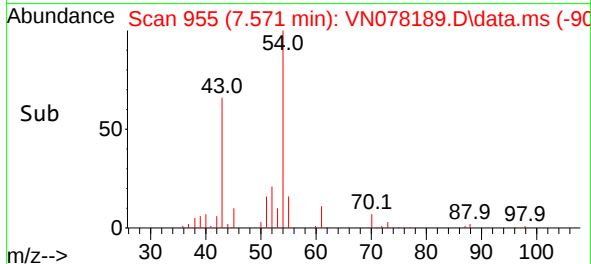
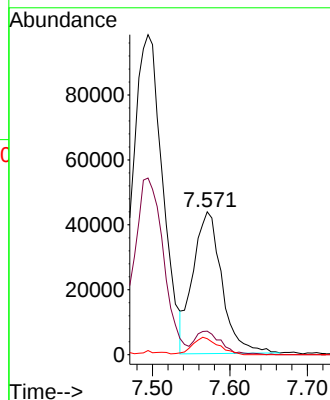
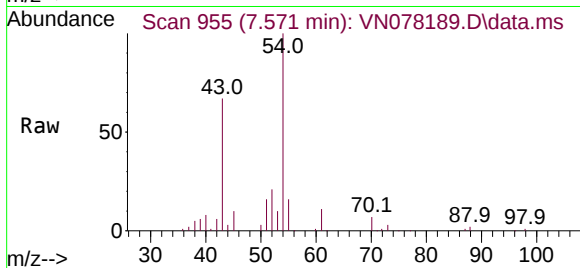
Ion	Ratio	Lower	Upper
43	100		
61	15.0	13.2	19.8
70	11.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#38

Carbon Tetrachloride

Concen: 18.852 ug/l

RT: 8.371 min Scan# 1091

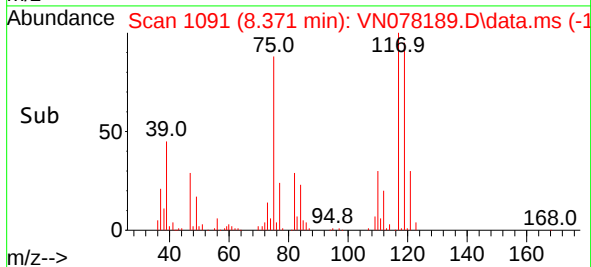
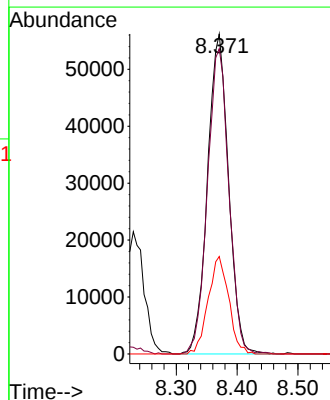
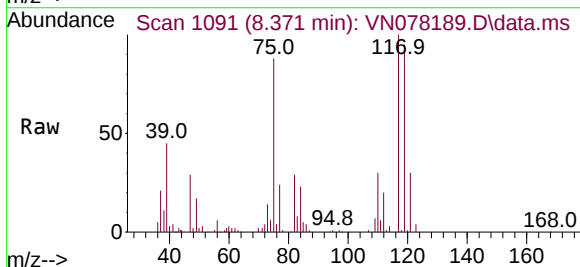
Delta R.T. -0.000 min

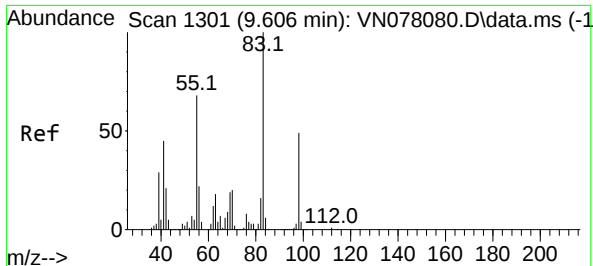
Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Tgt Ion:117 Resp: 134939

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
121	30.4	23.3	34.9





#39

Methylcyclohexane

Concen: 16.362 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

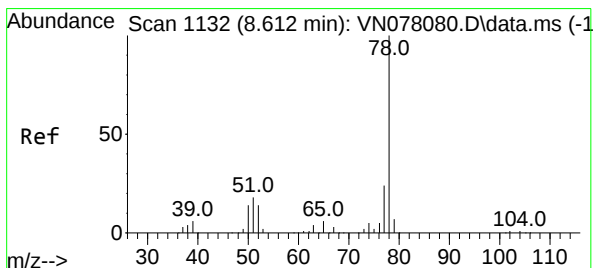
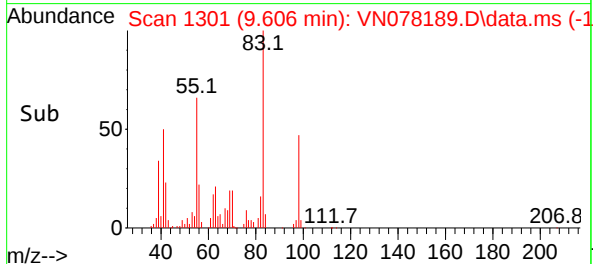
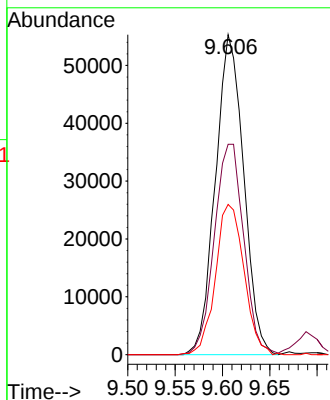
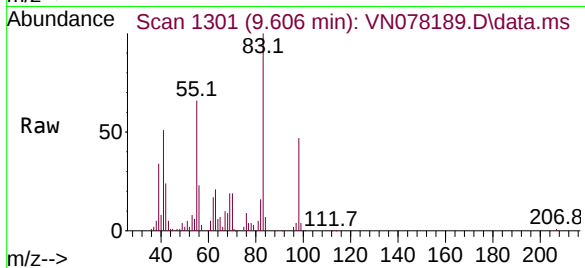
Tgt Ion:	83	Resp:	11494
Ion Ratio	Lower	Upper	
83	100		
55	65.8	49.1	73.7
98	46.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#40

Benzene

Concen: 18.976 ug/l

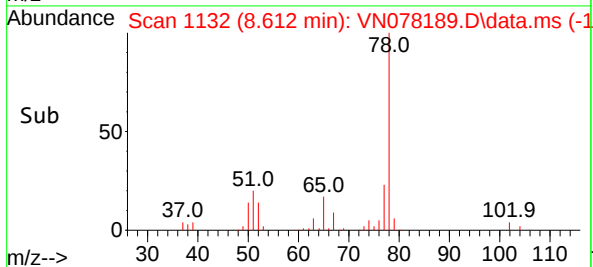
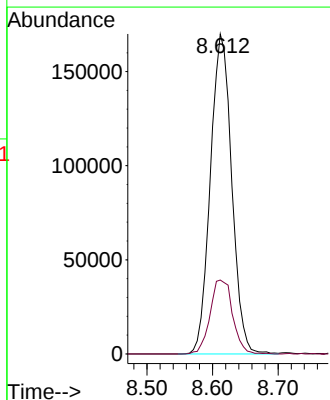
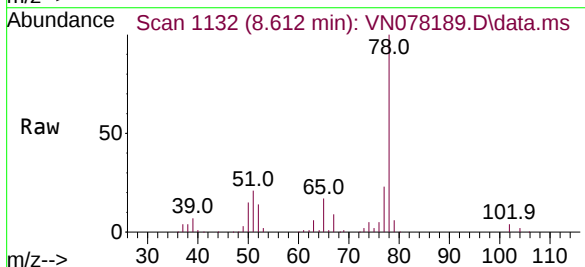
RT: 8.612 min Scan# 1132

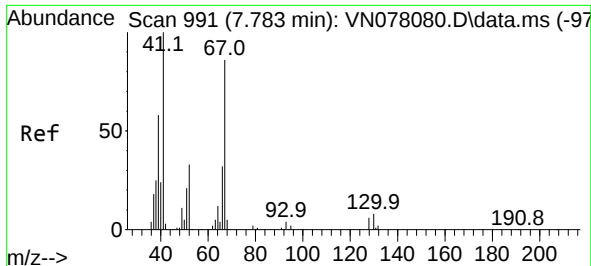
Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

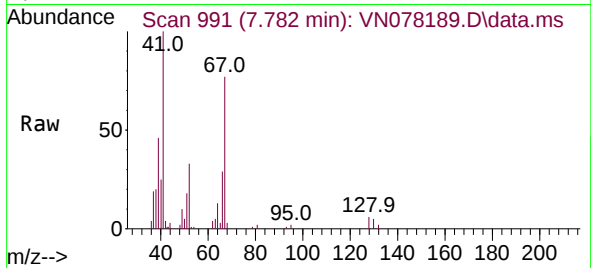
Tgt Ion:	78	Resp:	384031
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.6





#41
Methacrylonitrile
Concen: 19.801 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

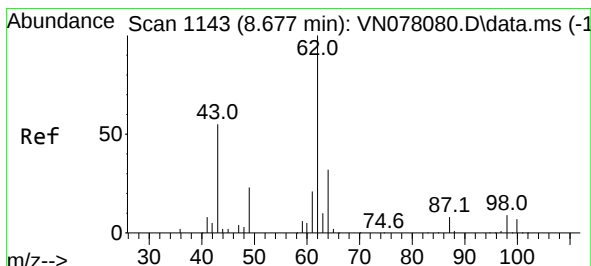
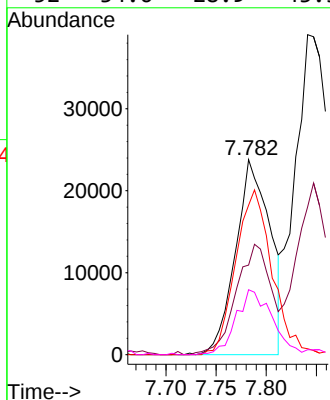
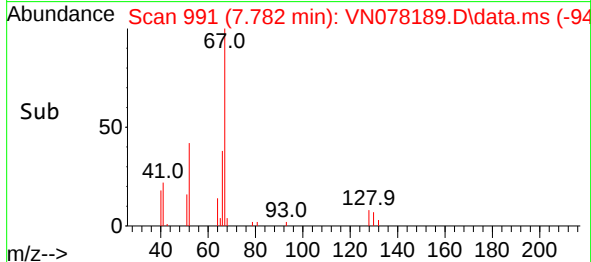
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 41 Resp: 56830
Ion Ratio Lower Upper
41 100
39 56.7 42.6 64.0
67 89.5 77.5 116.3
52 34.6 28.9 43.3

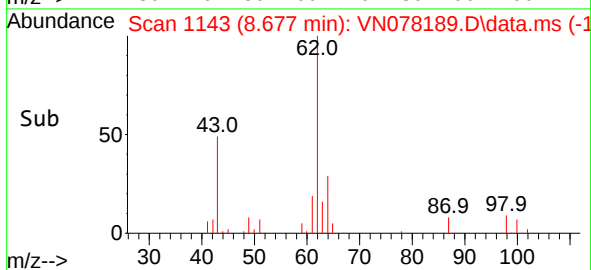
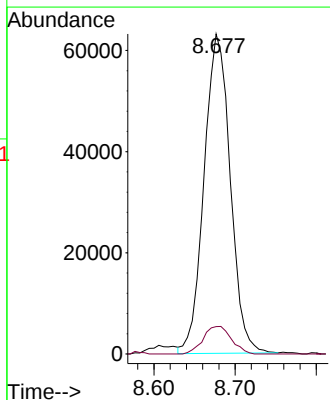
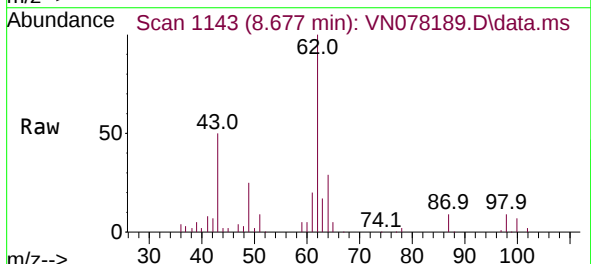
Manual Integrations
APPROVED

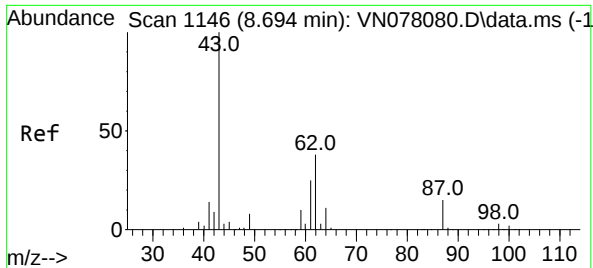
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#42
1,2-Dichloroethane
Concen: 20.387 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

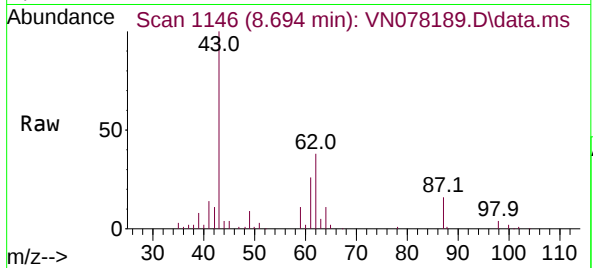
Tgt Ion: 62 Resp: 141465
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.711 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

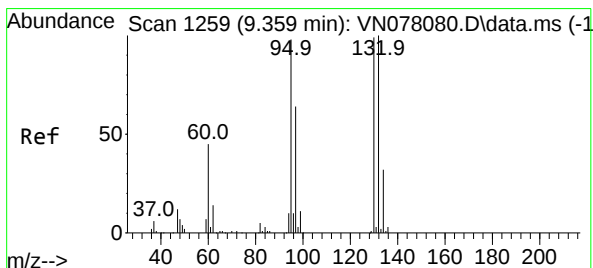
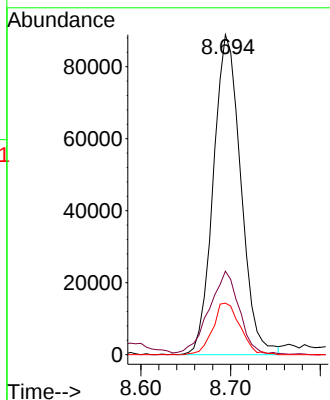
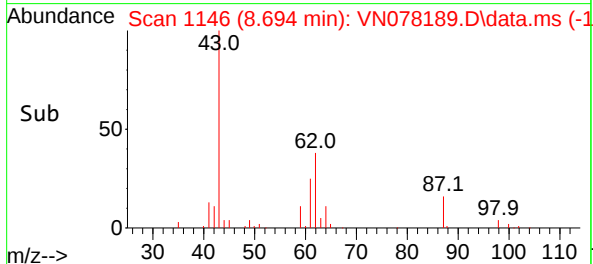
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 43 Resp: 18949
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 16.0 14.6 21.8

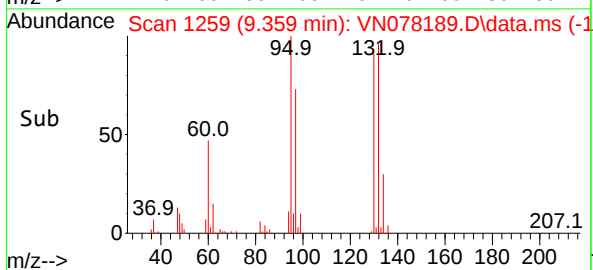
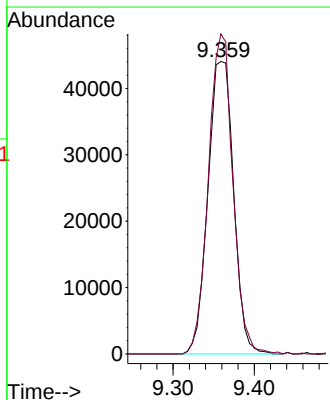
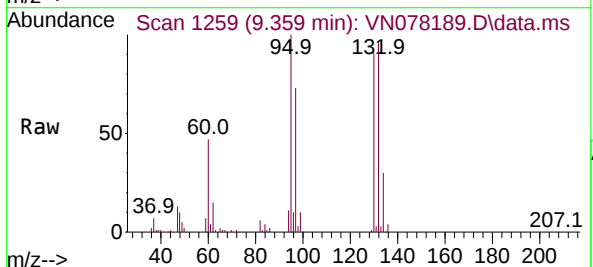
Manual Integrations
APPROVED

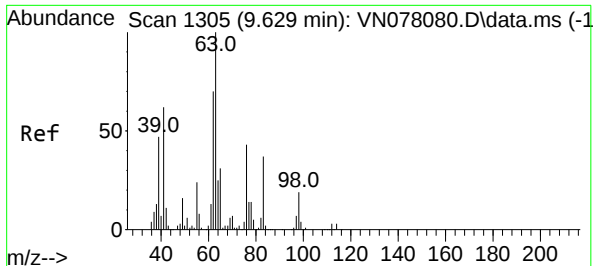
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#44
Trichloroethene
Concen: 18.159 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion:130 Resp: 97052
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.638 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion: 63 Resp: 9888

Ion Ratio Lower Upper

63 100

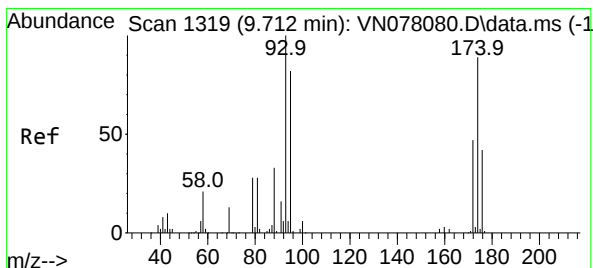
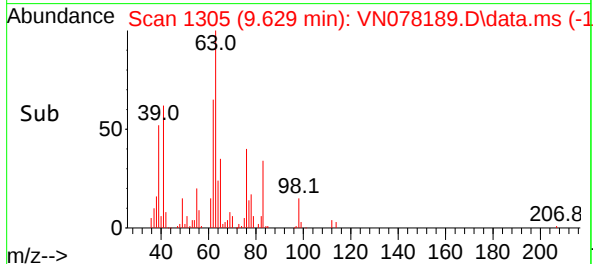
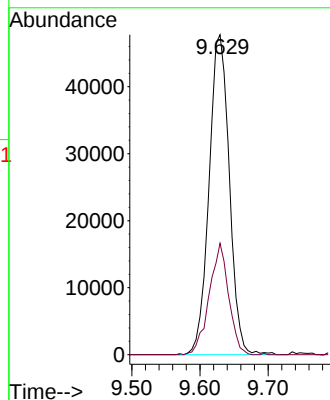
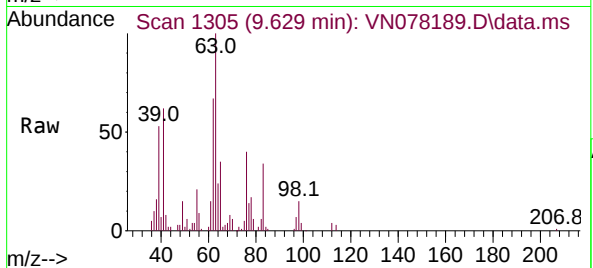
65 34.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#46

Dibromomethane

Concen: 19.584 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

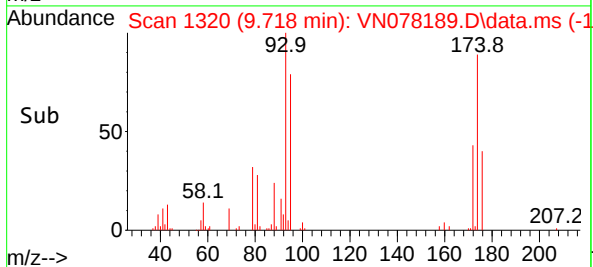
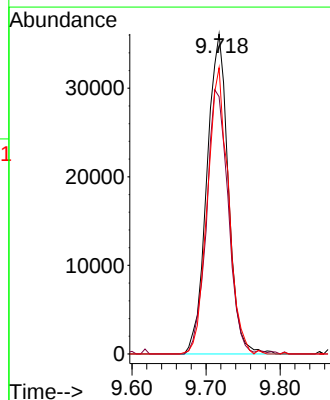
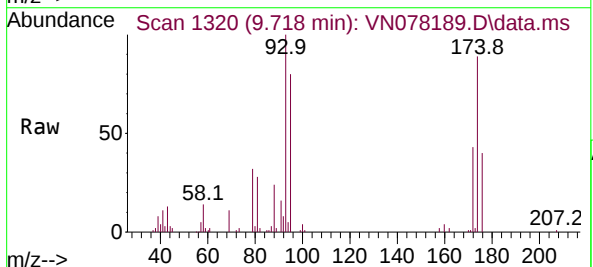
Tgt Ion: 93 Resp: 72631

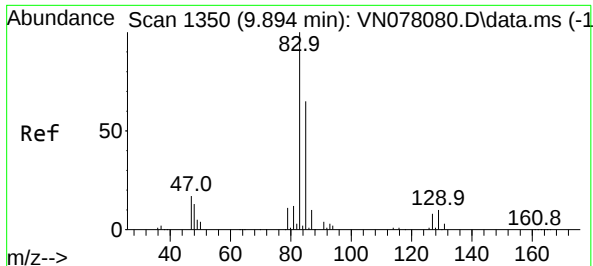
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

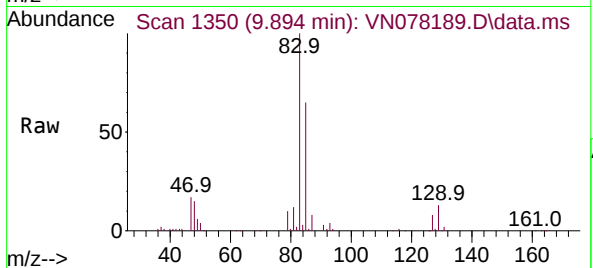
174 87.0 65.6 98.4





#47
Bromodichloromethane
Concen: 20.865 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

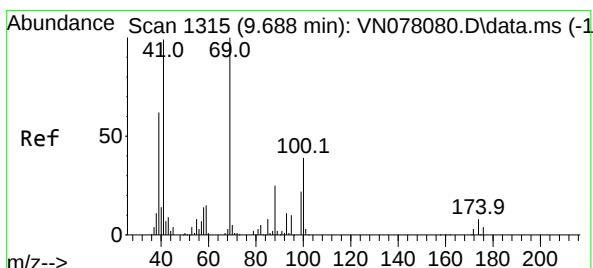
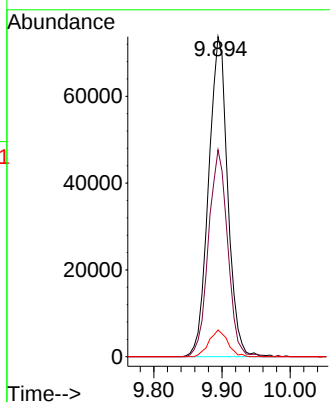
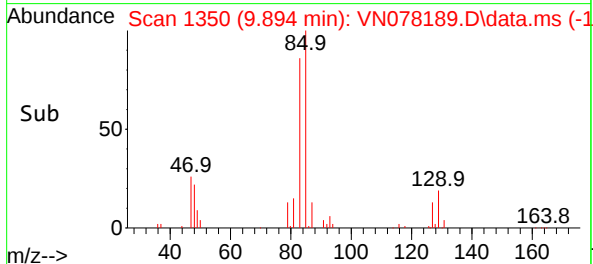
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 83 Resp: 143738
Ion Ratio Lower Upper
83 100
85 64.6 49.6 74.4
127 8.4 7.0 10.6

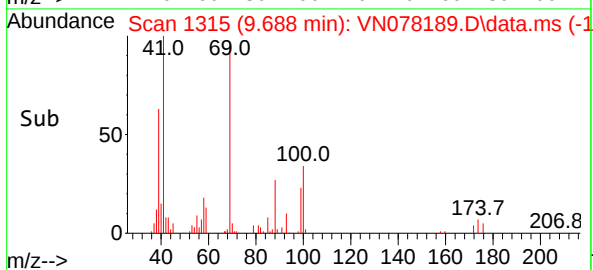
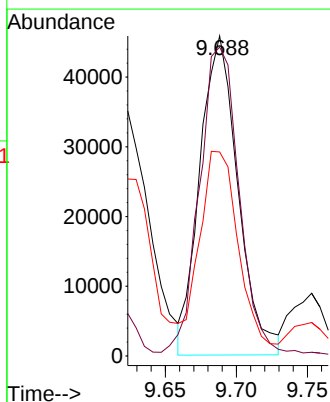
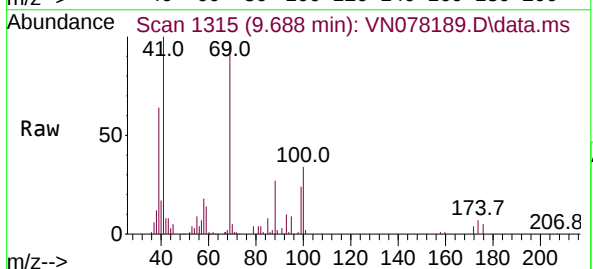
Manual Integrations
APPROVED

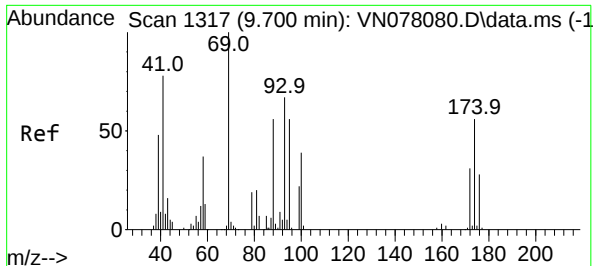
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#48
Methyl methacrylate
Concen: 20.123 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion: 41 Resp: 85526
Ion Ratio Lower Upper
41 100
69 102.4 90.4 135.6
39 66.3 54.6 81.8





#49

1,4-Dioxane

Concen: 436.948 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

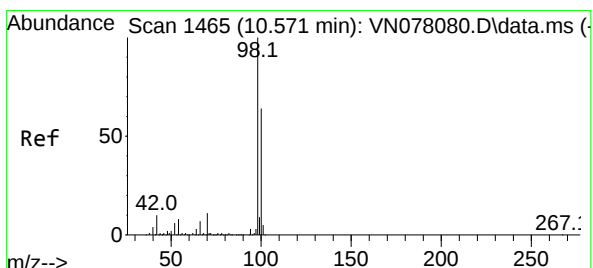
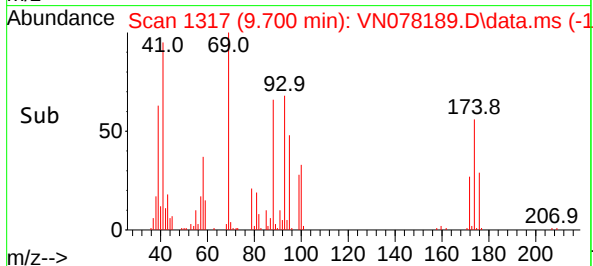
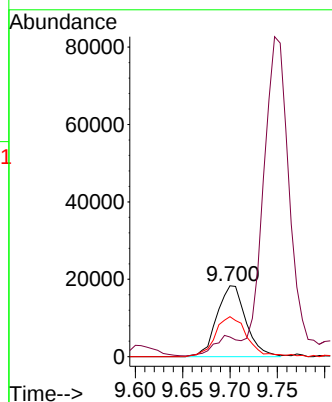
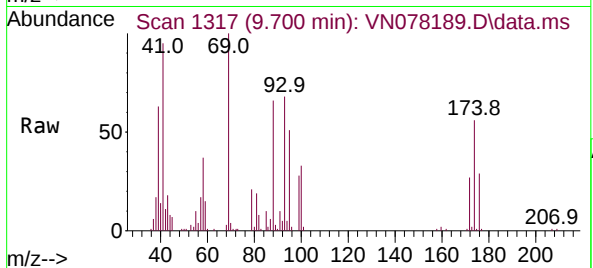
Tgt Ion: 88	Resp: 3903
Ion Ratio	Lower Upper
88	100
43	24.4 17.0 25.6
58	62.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#50

Toluene-d8

Concen: 50.006 ug/l

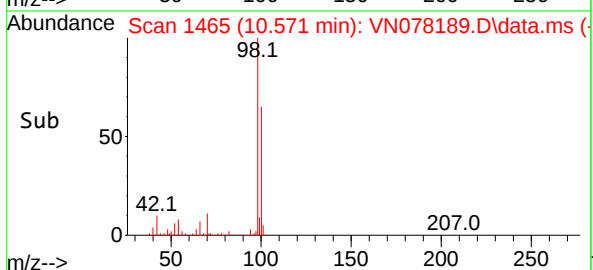
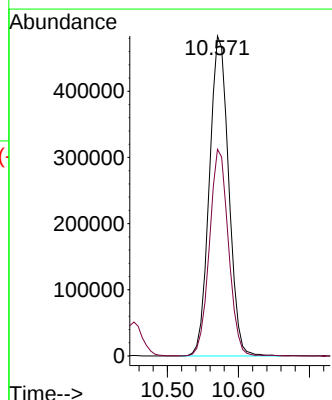
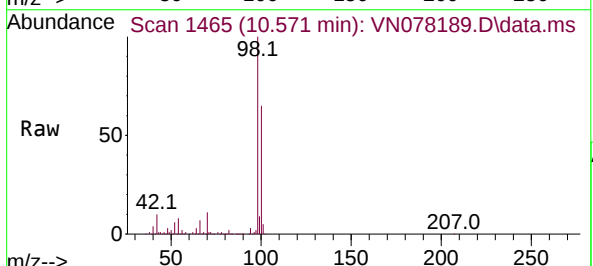
RT: 10.571 min Scan# 1465

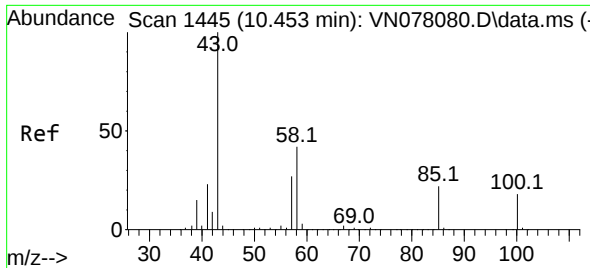
Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Tgt Ion: 98	Resp: 911060
Ion Ratio	Lower Upper
98	100
100	63.7 52.0 78.0





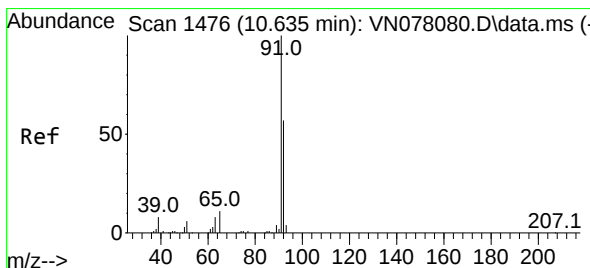
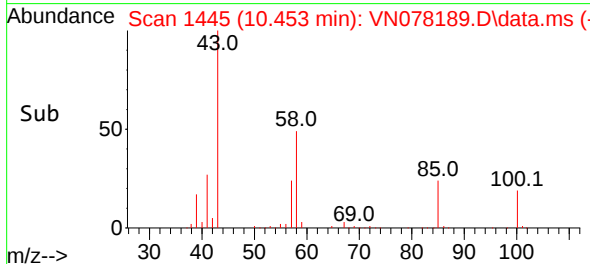
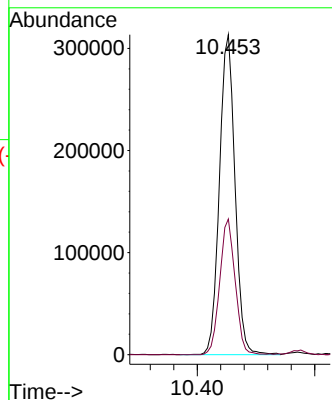
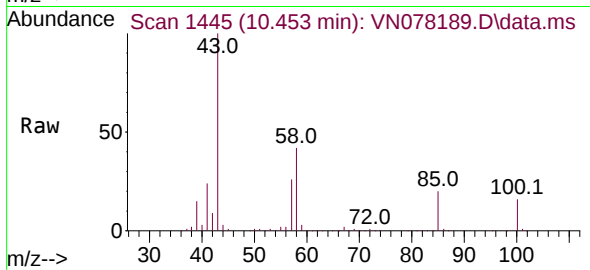
#51
4-Methyl-2-Pentanone
Concen: 108.046 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion: 43 Resp: 57622
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8

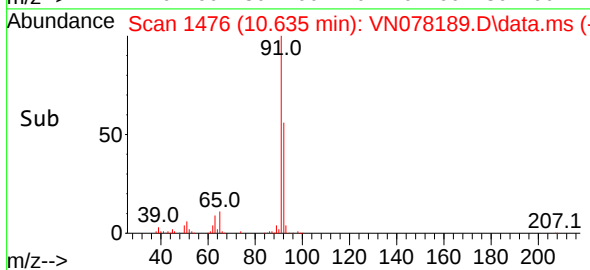
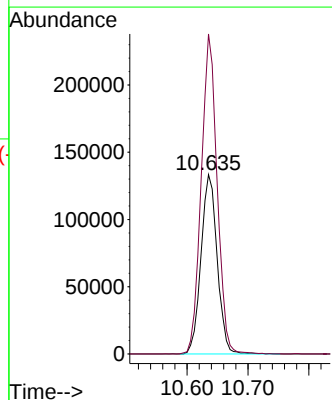
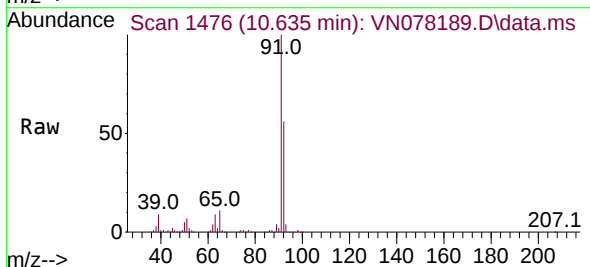
Manual Integrations
APPROVED

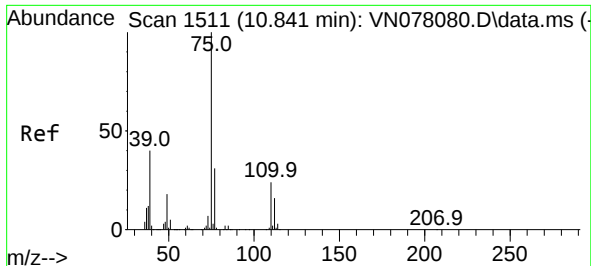
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#52
Toluene
Concen: 19.221 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

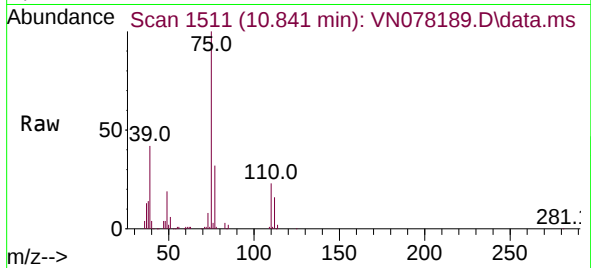
Tgt Ion: 92 Resp: 245597
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.523 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

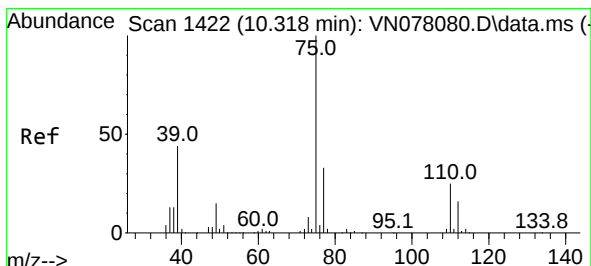
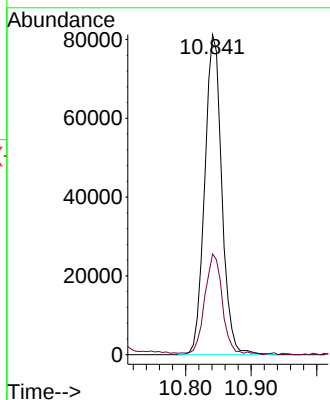
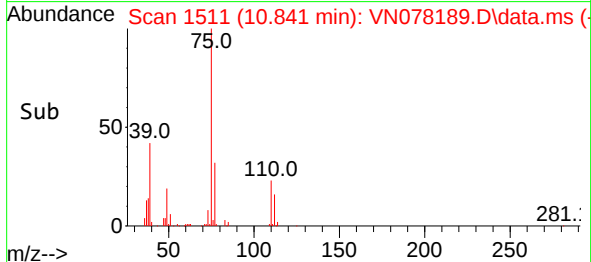
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 75 Resp: 147244
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

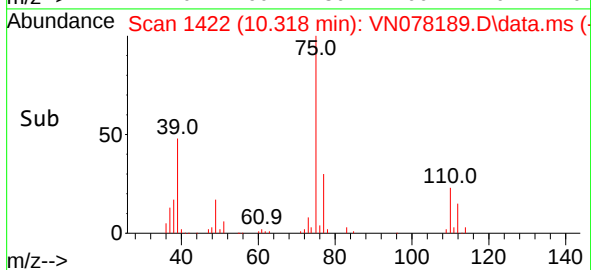
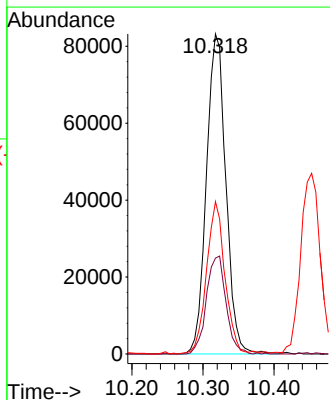
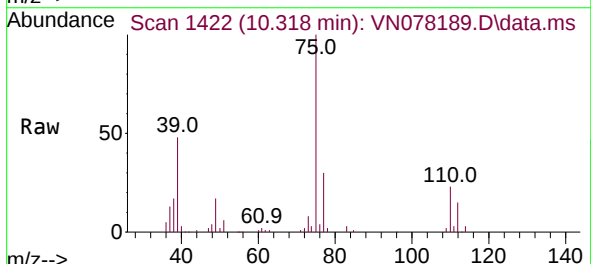
Manual Integrations
APPROVED

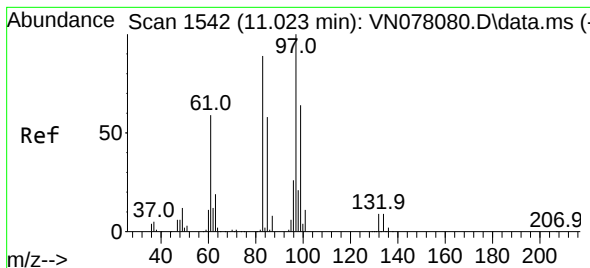
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#54
cis-1,3-Dichloropropene
Concen: 20.002 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

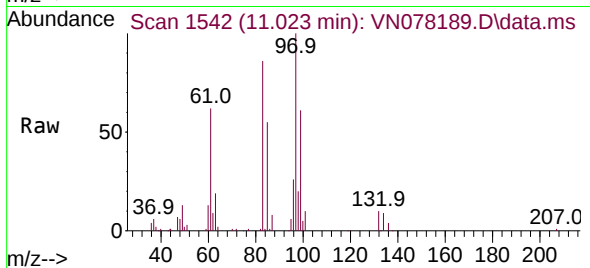
Tgt Ion: 75 Resp: 158634
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 47.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.223 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

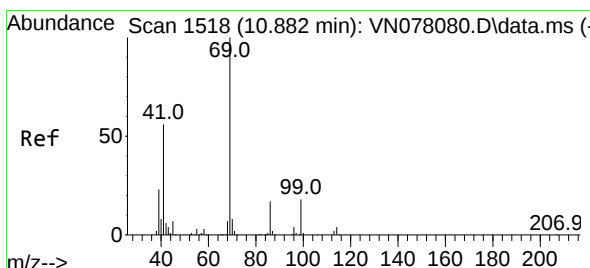
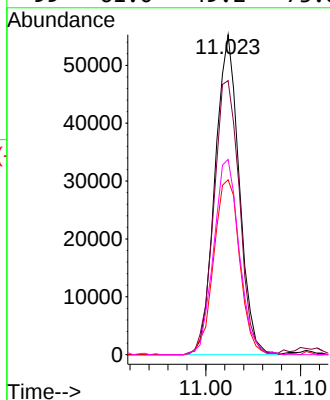
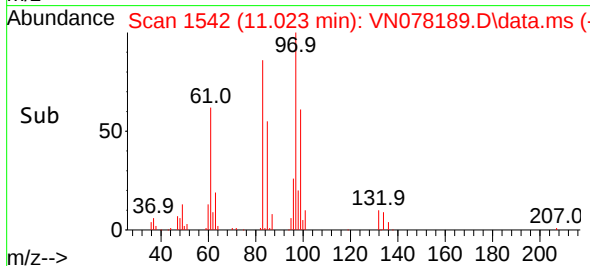
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



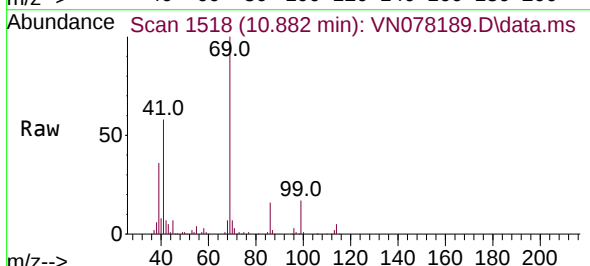
Tgt Ion:	97	Resp:	97749
Ion Ratio	100	Lower	Upper
97	100		
83	85.7	65.1	97.7
85	54.7	43.4	65.2
99	61.0	49.2	73.8

Manual Integrations
APPROVED

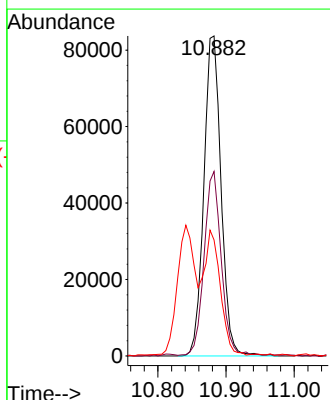
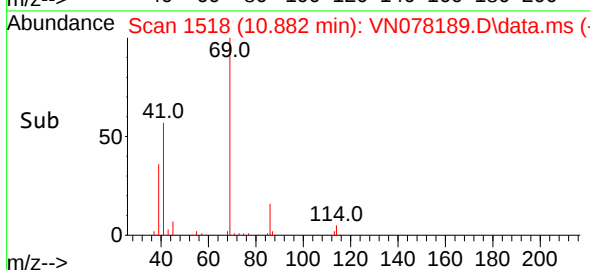
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

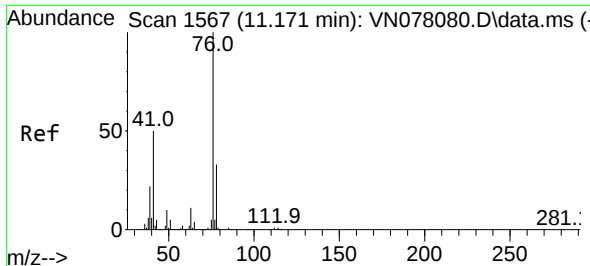


#56
Ethyl methacrylate
Concen: 20.891 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



Tgt Ion:	69	Resp:	147033
Ion Ratio	100	Lower	Upper
69	100		
41	56.7	39.6	59.4
39	37.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.467 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion: 76 Resp: 16699

Ion Ratio Lower Upper

76 100

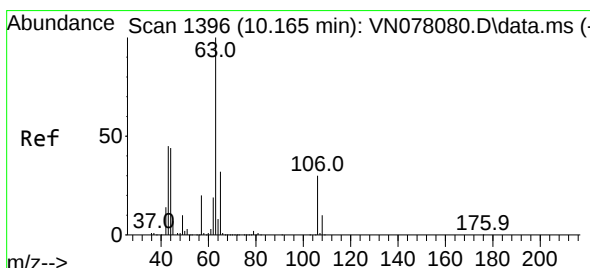
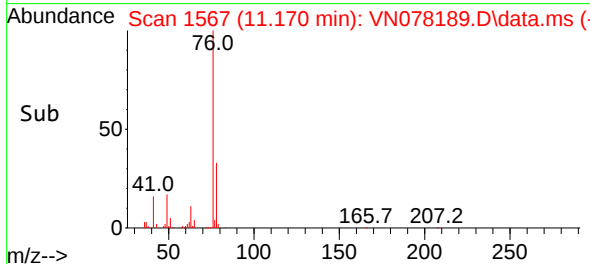
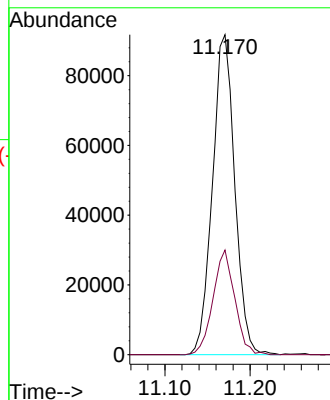
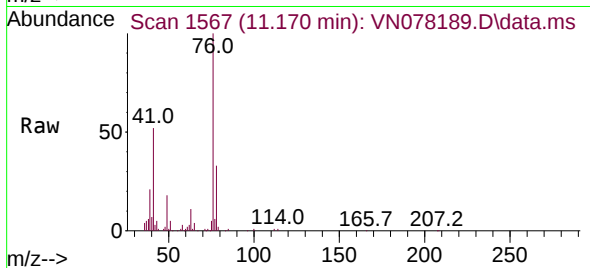
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.086 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078189.D

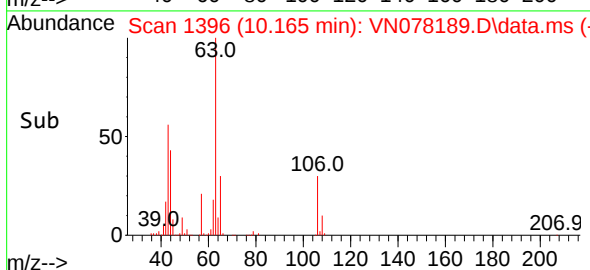
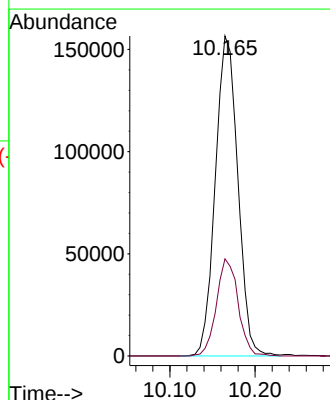
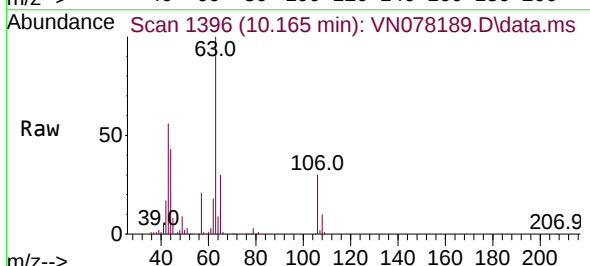
Acq: 13 Jun 2023 16:42

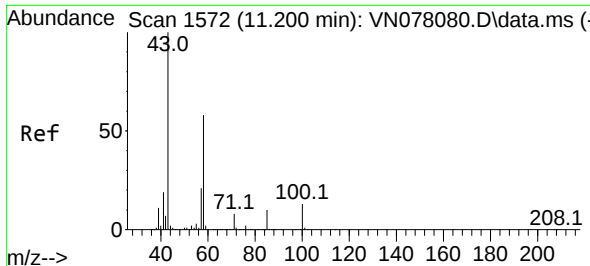
Tgt Ion: 63 Resp: 287406

Ion Ratio Lower Upper

63 100

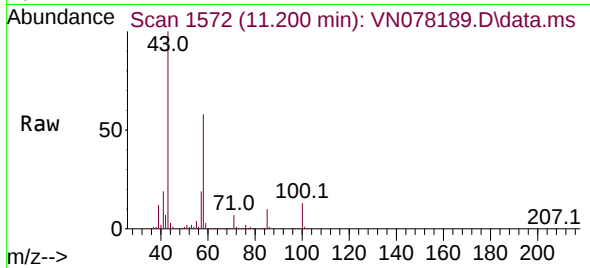
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 108.496 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

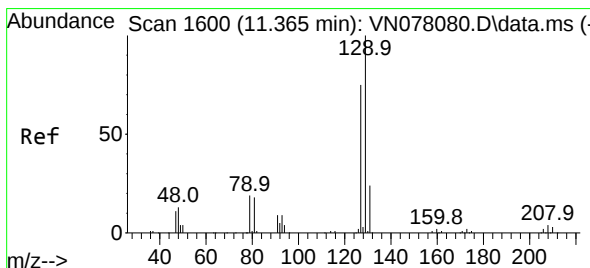
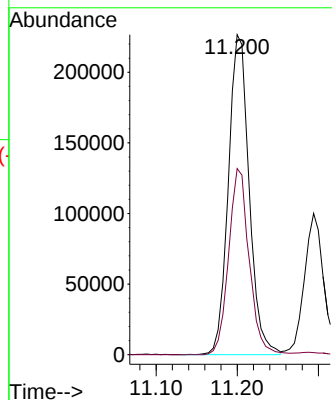
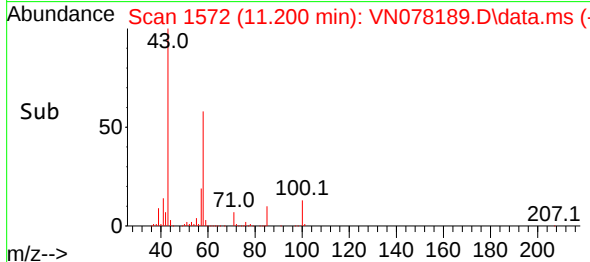
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 43 Resp: 402889
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

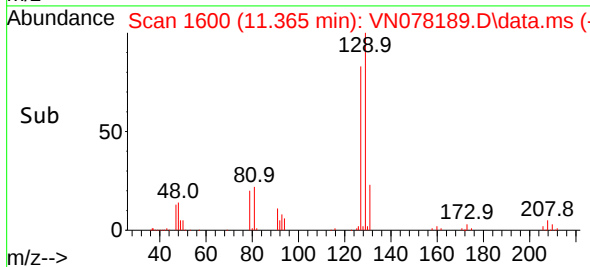
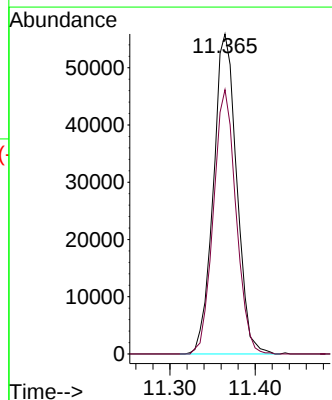
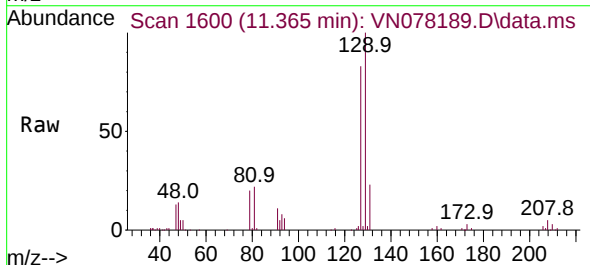
Manual Integrations
APPROVED

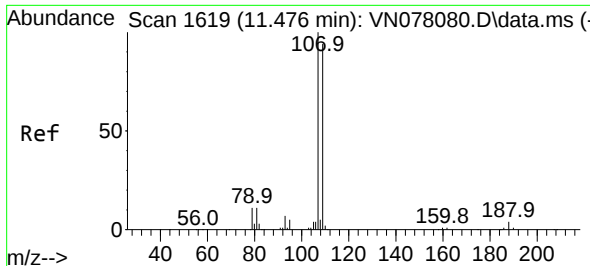
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#60
Dibromochloromethane
Concen: 20.035 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

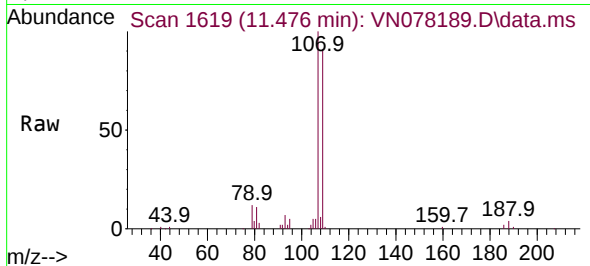
Tgt Ion:129 Resp: 105968
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.257 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

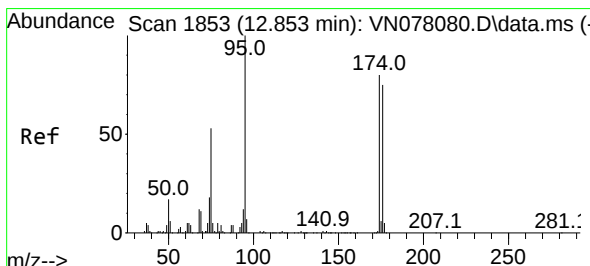
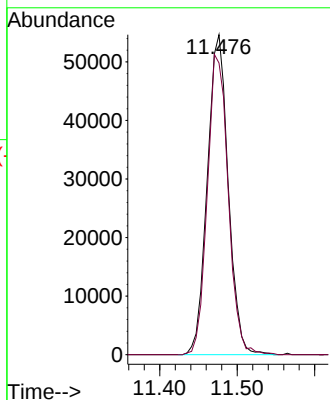
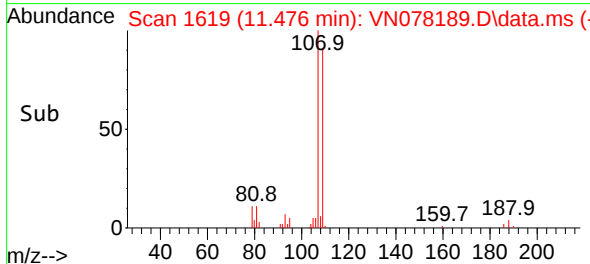
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



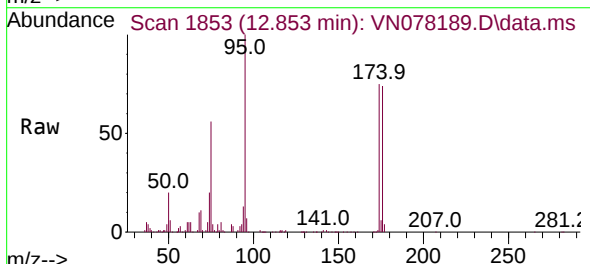
Tgt Ion:107 Resp: 102752
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
APPROVED

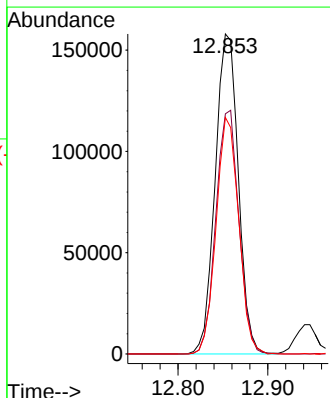
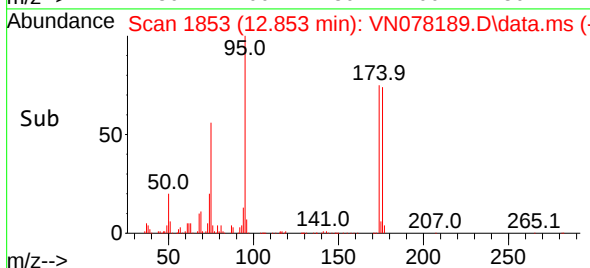
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

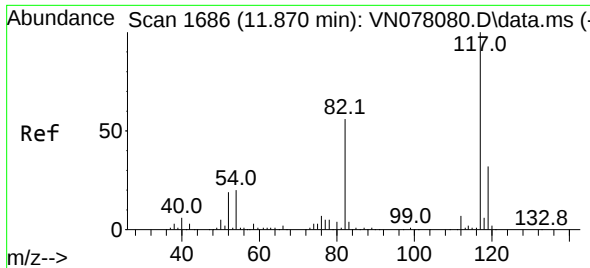


#62
4-Bromofluorobenzene
Concen: 49.956 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



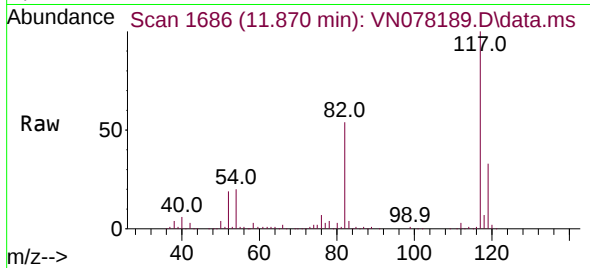
Tgt Ion: 95 Resp: 282947
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

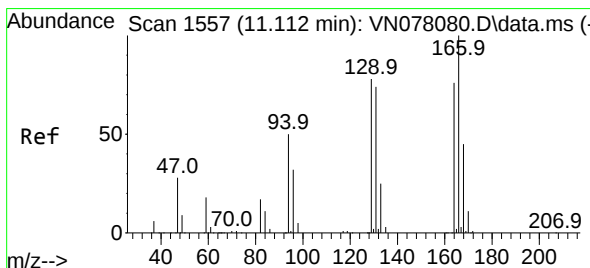
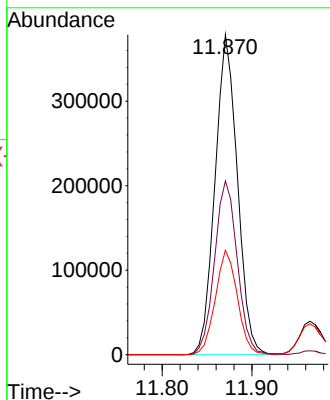
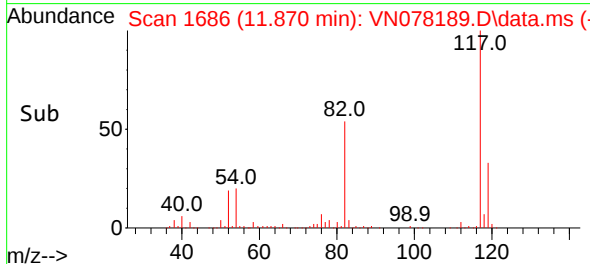
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion:117 Resp: 655610
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.7 25.6 38.4

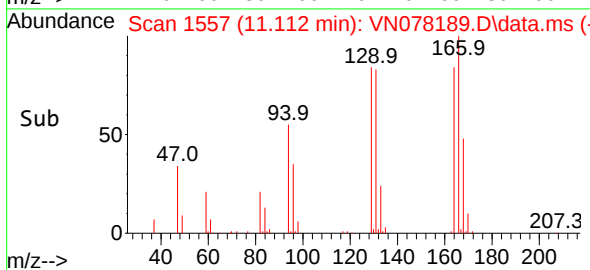
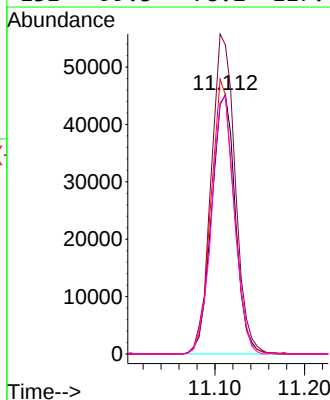
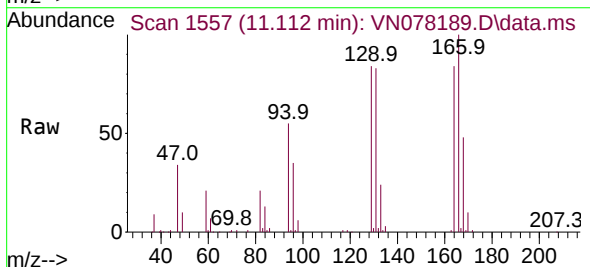
Manual Integrations
APPROVED

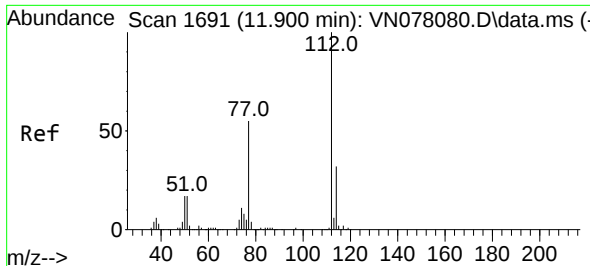
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#64
Tetrachloroethene
Concen: 18.923 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion:164 Resp: 82764
Ion Ratio Lower Upper
164 100
166 119.1 101.4 152.0
129 99.9 82.4 123.6
131 99.3 78.2 117.4





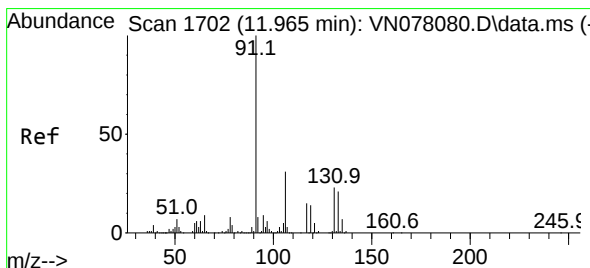
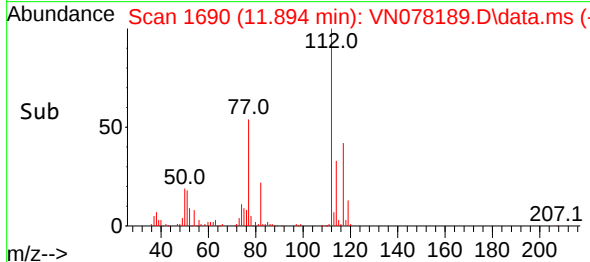
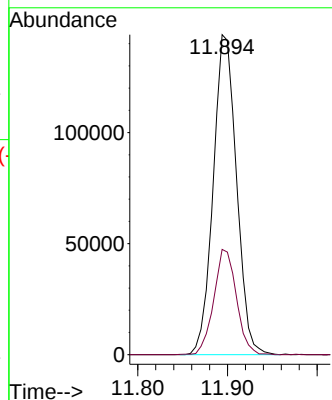
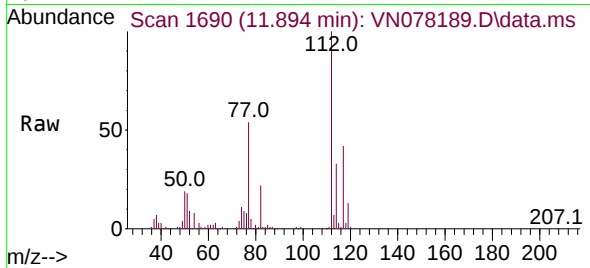
#65
Chlorobenzene
Concen: 18.530 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion:112 Resp: 260164
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

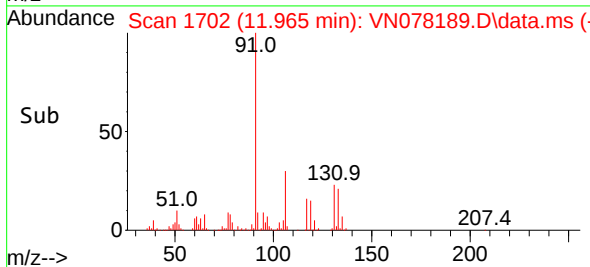
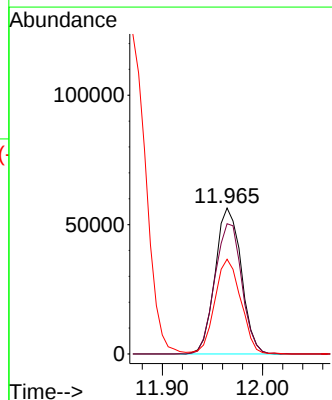
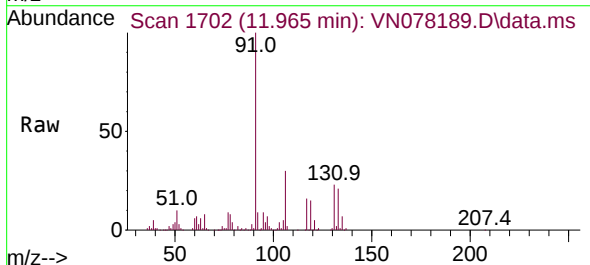
Manual Integrations
APPROVED

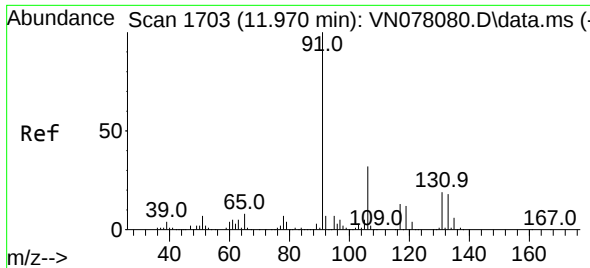
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.783 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion:131 Resp: 102158
Ion Ratio Lower Upper
131 100
133 92.0 46.4 139.1
119 64.7 34.1 102.2





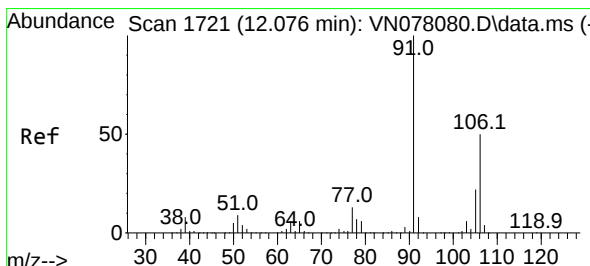
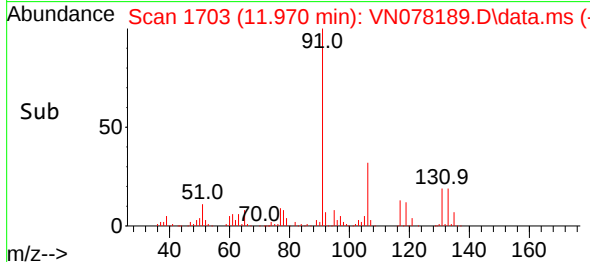
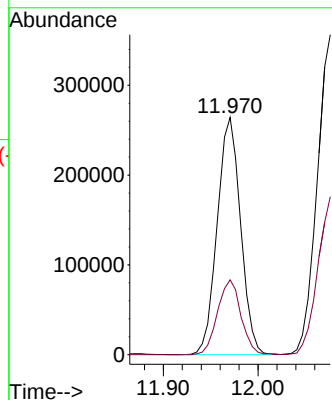
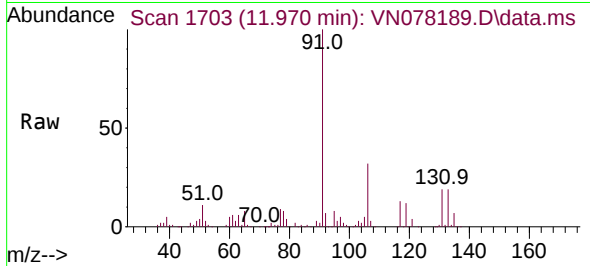
#67
Ethyl Benzene
Concen: 18.698 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion: 91 Resp: 452983
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

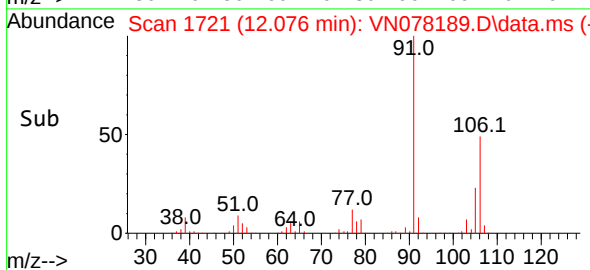
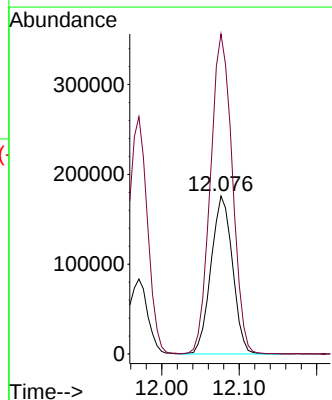
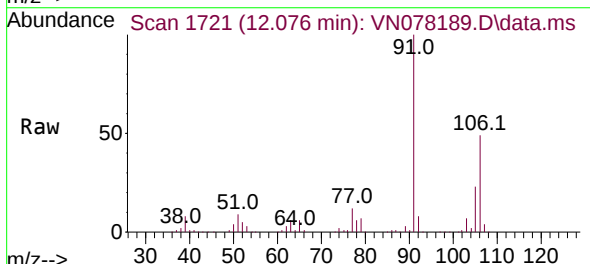
Manual Integrations
APPROVED

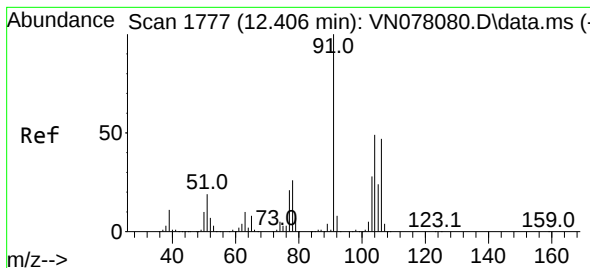
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#68
m/p-Xylenes
Concen: 36.717 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

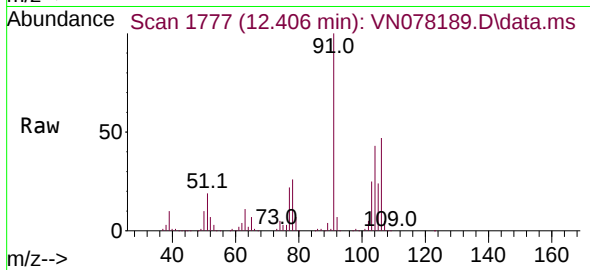
Tgt Ion:106 Resp: 339000
Ion Ratio Lower Upper
106 100
91 206.4 159.6 239.4





#69
o-Xylene
Concen: 18.629 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

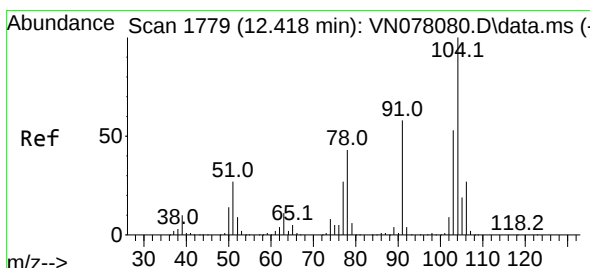
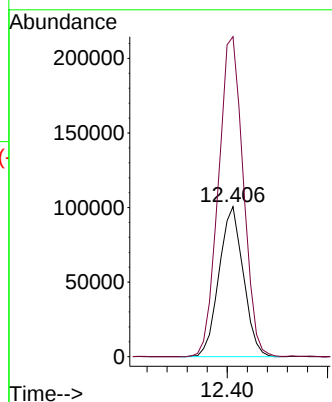
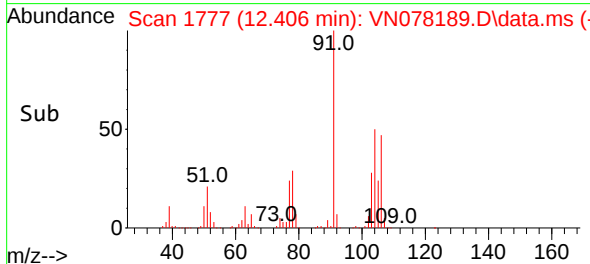
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



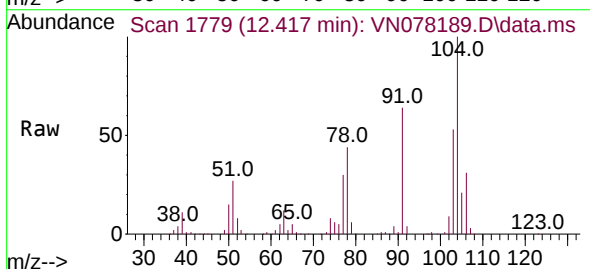
Tgt Ion:106 Resp: 168899
Ion Ratio Lower Upper
106 100
91 218.7 105.2 315.5

Manual Integrations
APPROVED

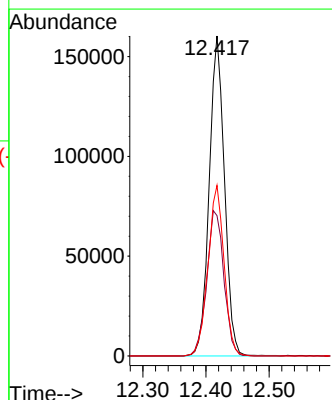
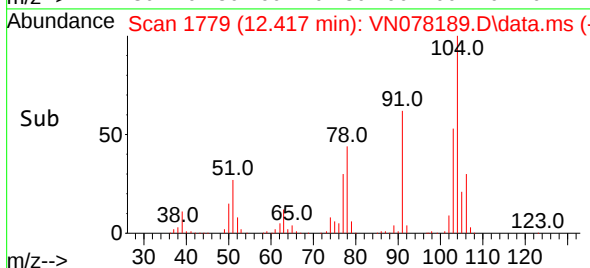
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

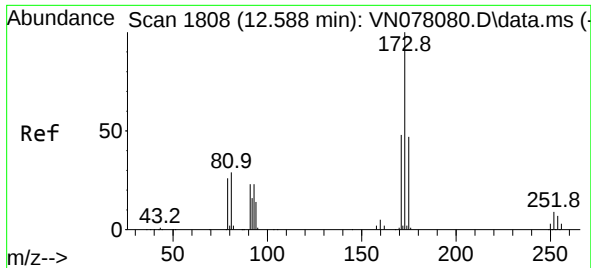


#70
Styrene
Concen: 18.885 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



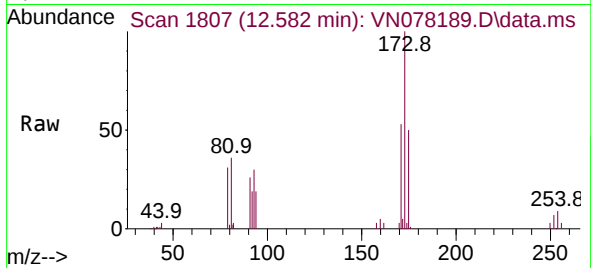
Tgt Ion:104 Resp: 269561
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 20.318 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

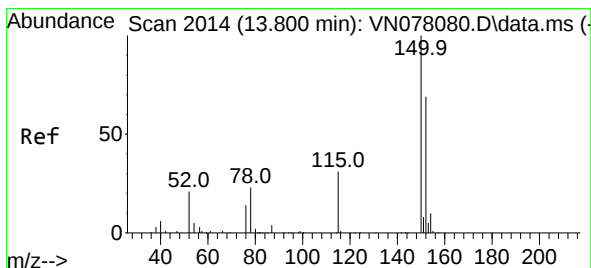
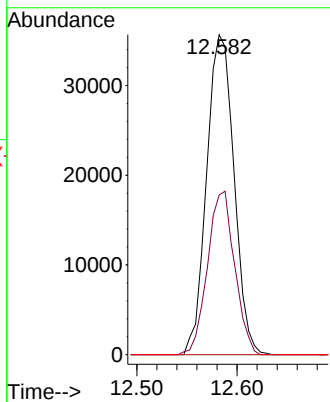
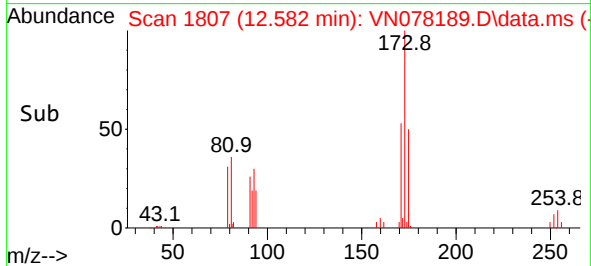
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion:173 Resp: 6771
Ion Ratio Lower Upper
173 100
175 50.6 24.3 73.0
254 0.0 0.0 0.0

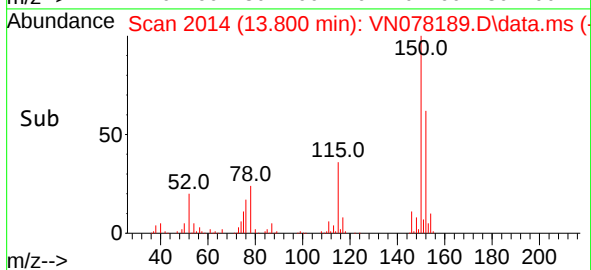
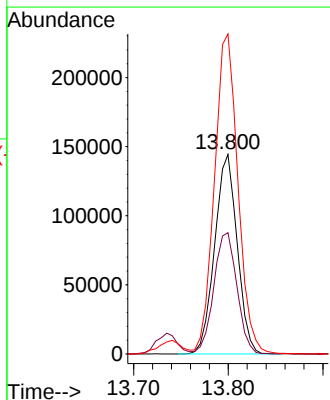
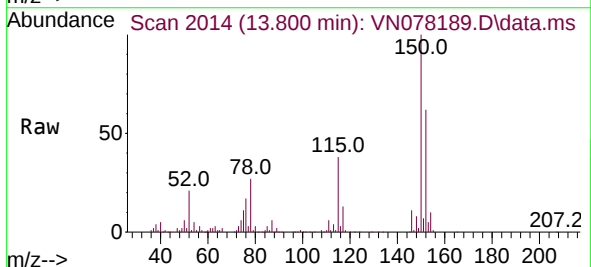
Manual Integrations
APPROVED

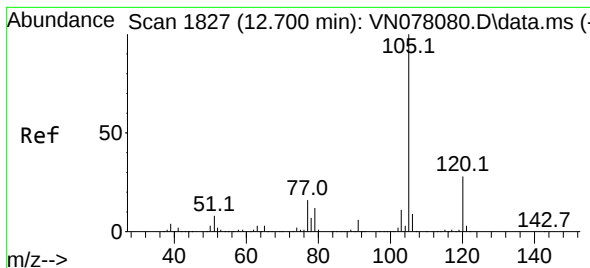
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion:152 Resp: 238858
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 167.3 0.0 355.8





#73

Isopropylbenzene

Concen: 17.996 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion:105 Resp: 40647

Ion Ratio Lower Upper

105 100

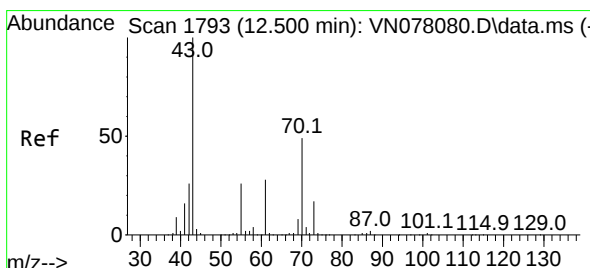
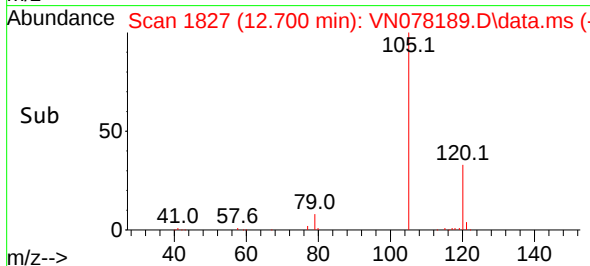
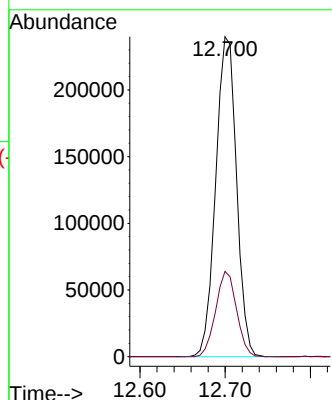
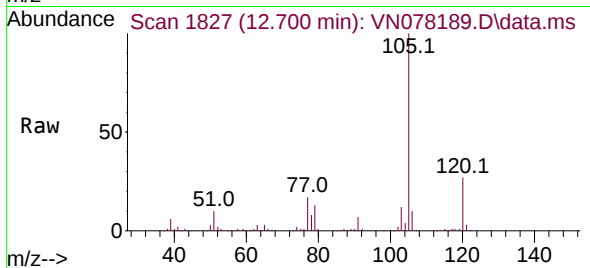
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#74

N-ethyl acetate

Concen: 19.307 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Tgt Ion: 43 Resp: 143605

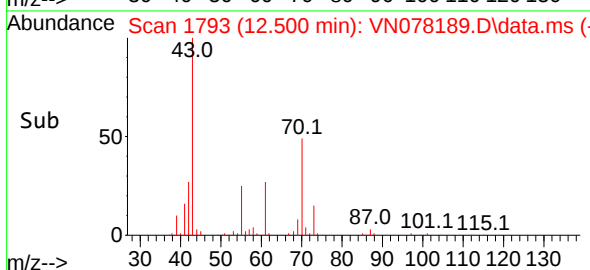
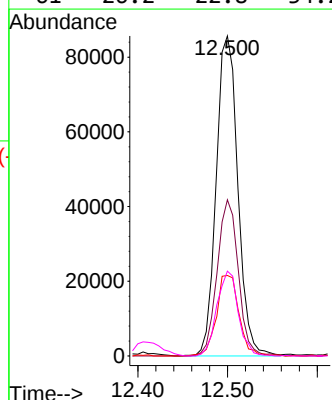
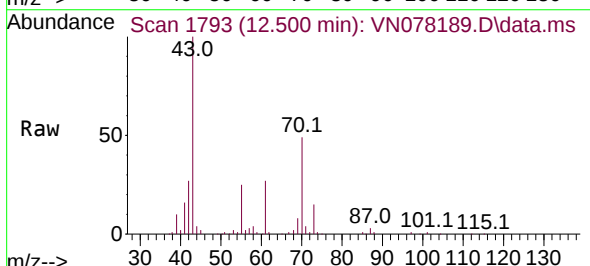
Ion Ratio Lower Upper

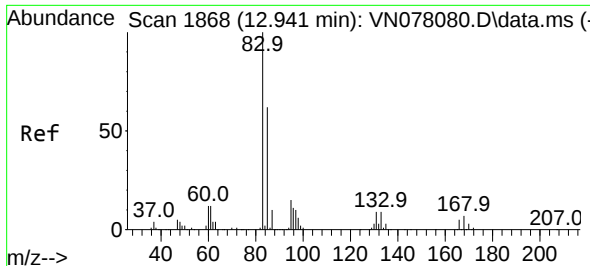
43 100

70 47.7 43.4 65.2

55 26.3 21.4 32.0

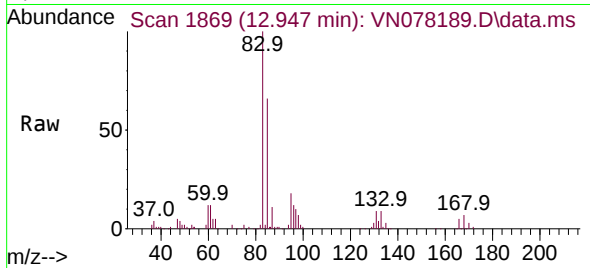
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.451 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

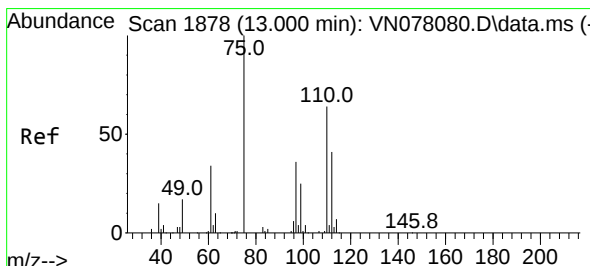
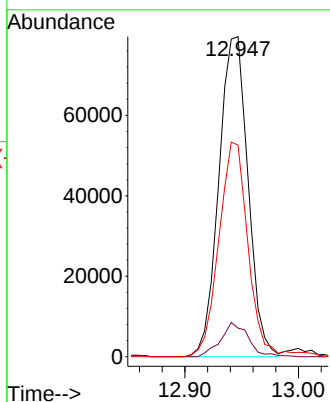
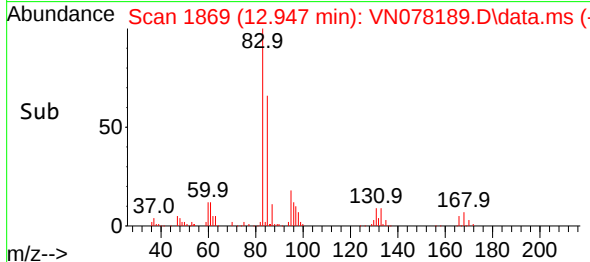
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



Tgt Ion: 83 Resp: 14194
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 67.6 31.9 95.7

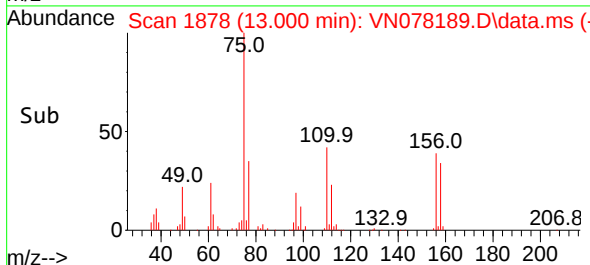
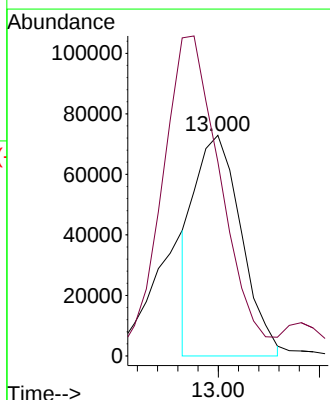
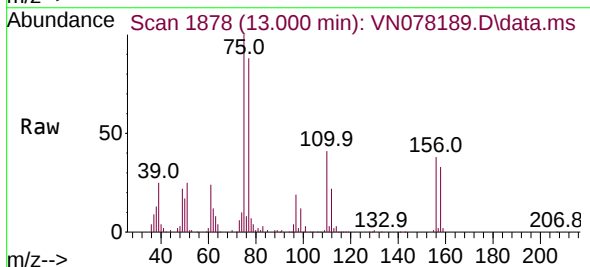
Manual Integrations
APPROVED

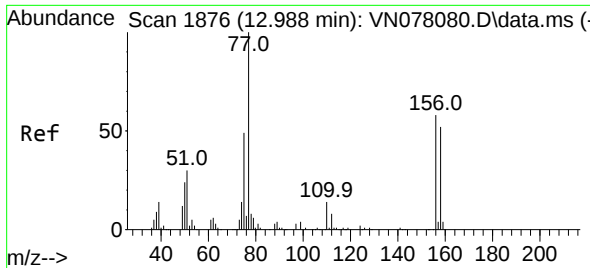
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#76
1,2,3-Trichloropropane
Concen: 20.662 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion: 75 Resp: 116670
Ion Ratio Lower Upper
75 100
77 184.0 84.5 253.5





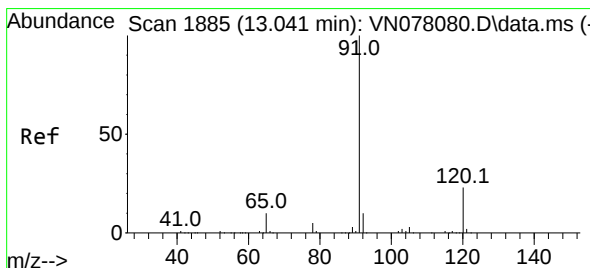
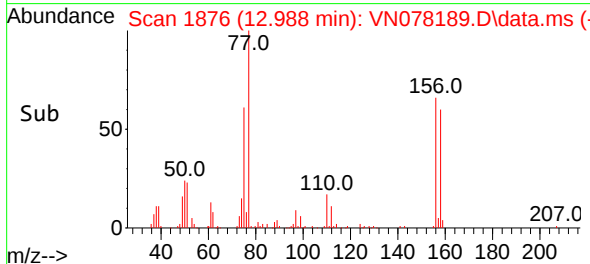
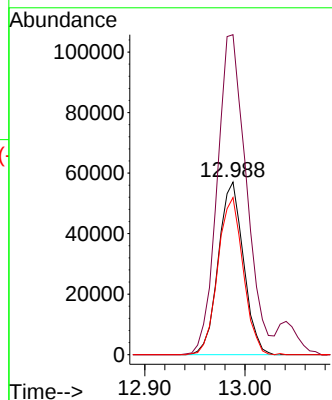
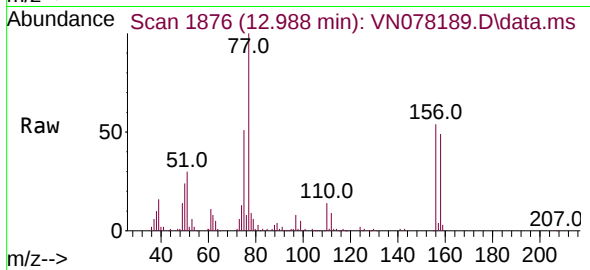
#77
Bromobenzene
Concen: 18.921 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion:156 Resp: 99209
Ion Ratio Lower Upper
156 100
77 216.4 107.7 323.3
158 91.6 48.4 145.3

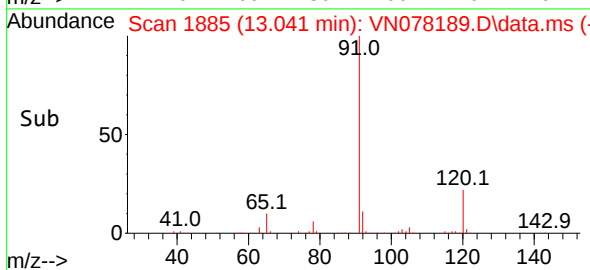
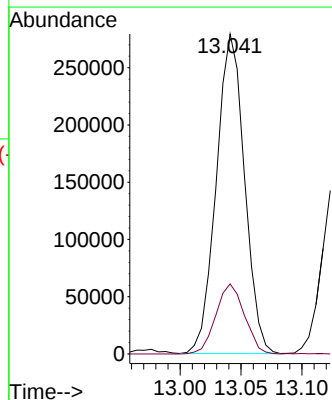
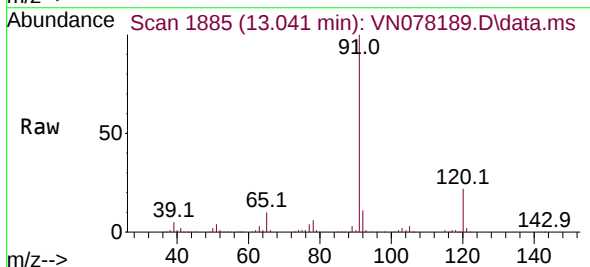
Manual Integrations
APPROVED

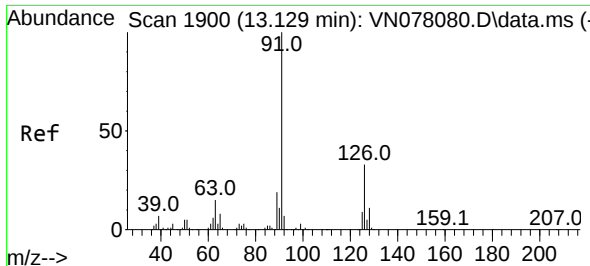
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#78
n-propylbenzene
Concen: 18.333 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Tgt Ion: 91 Resp: 449900
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





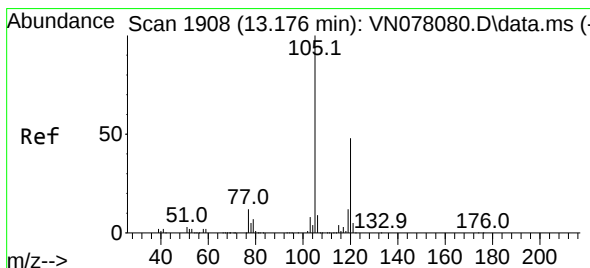
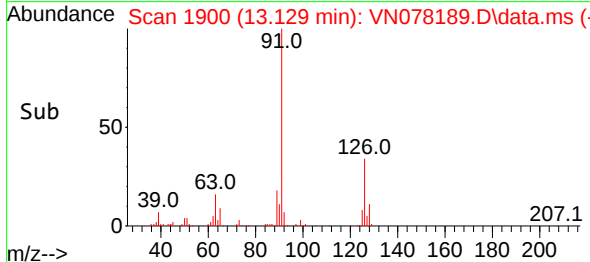
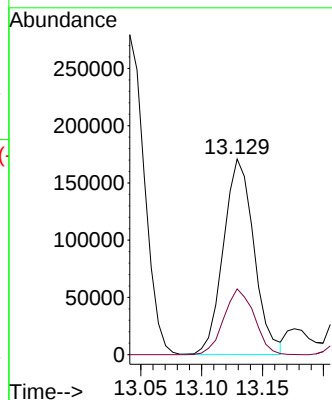
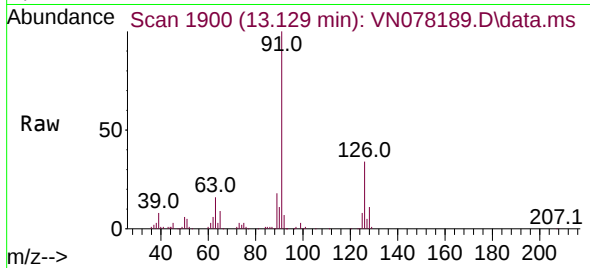
#79
2-Chlorotoluene
Concen: 18.853 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03

Tgt Ion: 91 Resp: 29864
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

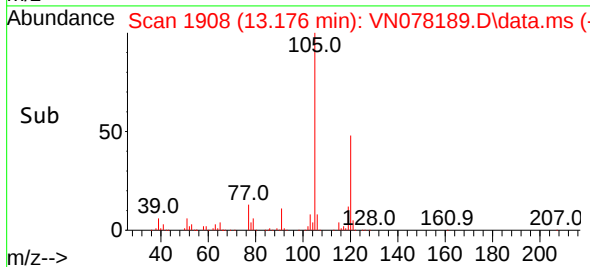
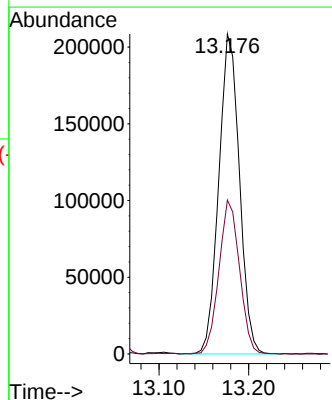
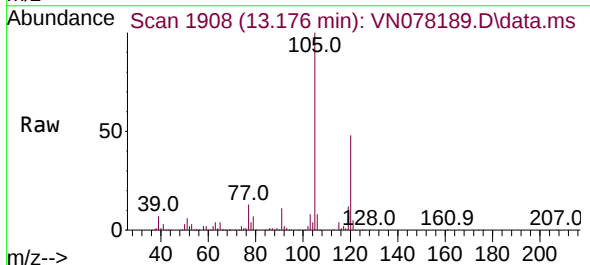
Manual Integrations
APPROVED

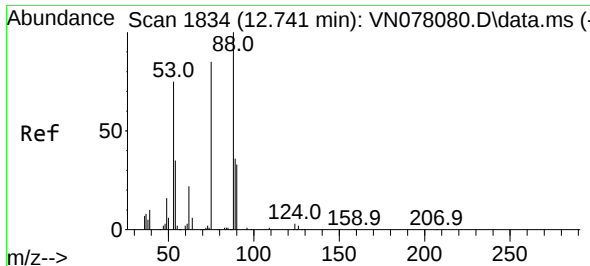
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.222 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

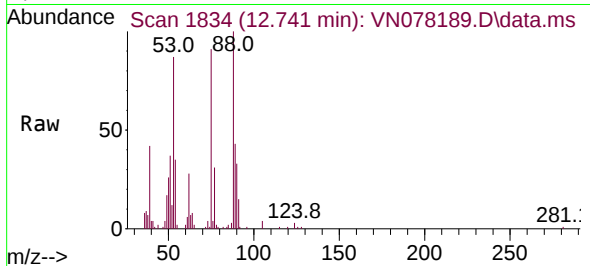
Tgt Ion:105 Resp: 333227
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.740 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

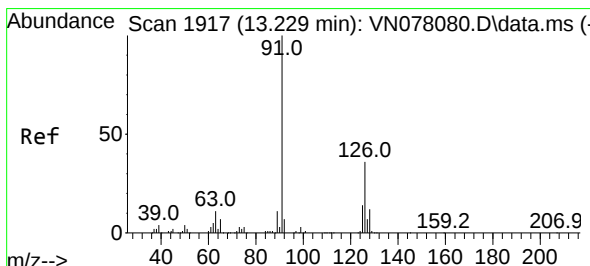
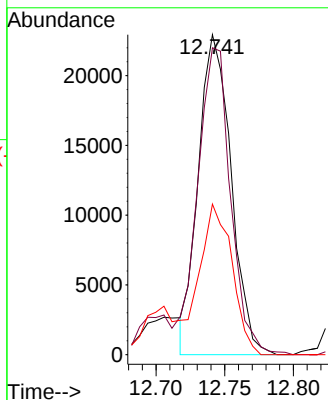
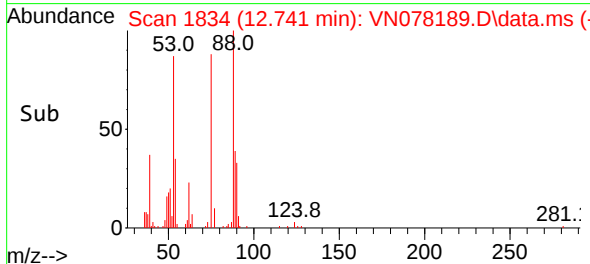
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



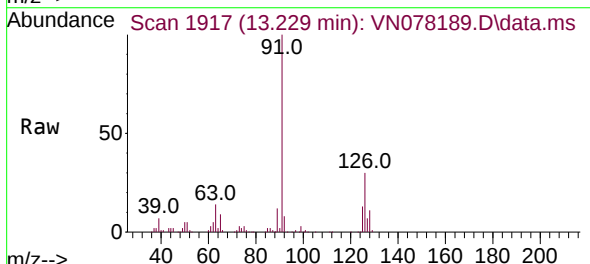
Tgt Ion: 75 Resp: 38118
Ion Ratio Lower Upper
75 100
53 97.3 67.4 101.2
89 46.7 38.8 58.2

Manual Integrations
APPROVED

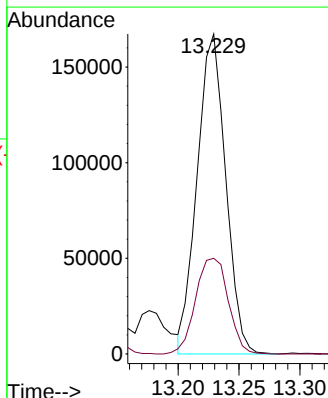
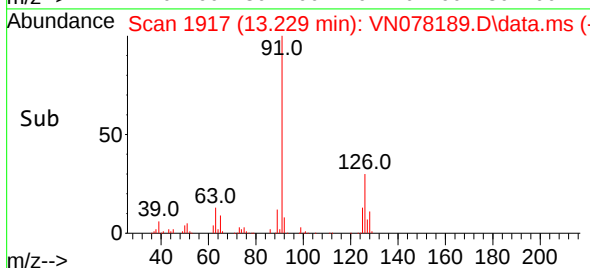
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

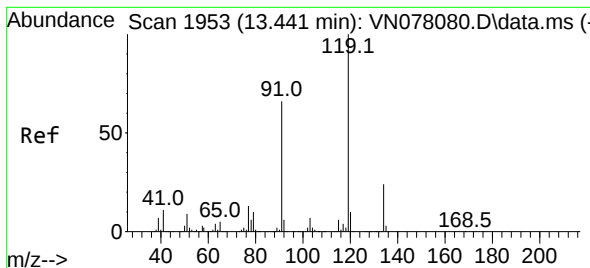


#82
4-Chlorotoluene
Concen: 18.470 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



Tgt Ion: 91 Resp: 273057
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.147 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

Tgt Ion:119 Resp: 27256

Ion Ratio Lower Upper

119 100

91 65.5 33.9 101.7

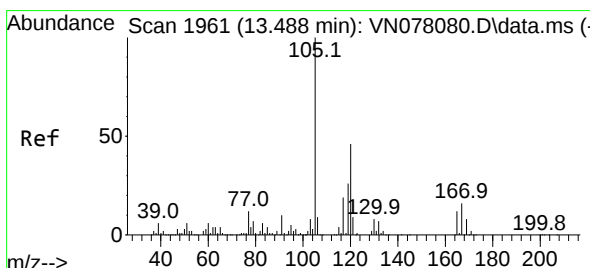
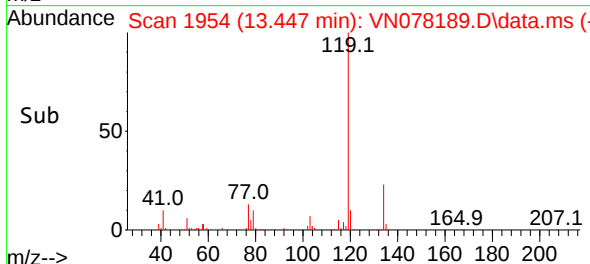
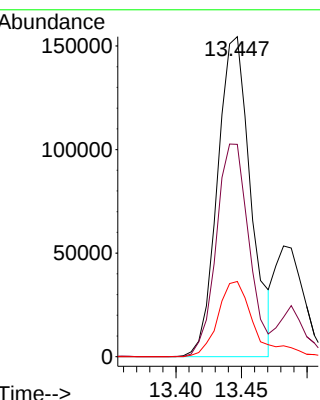
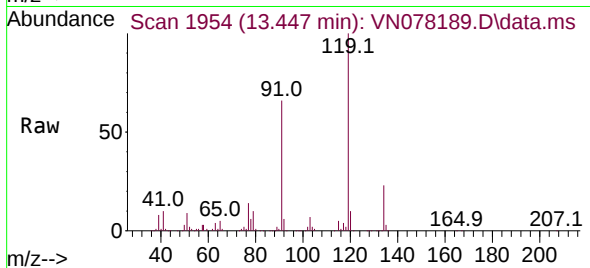
134 25.7 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.297 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078189.D

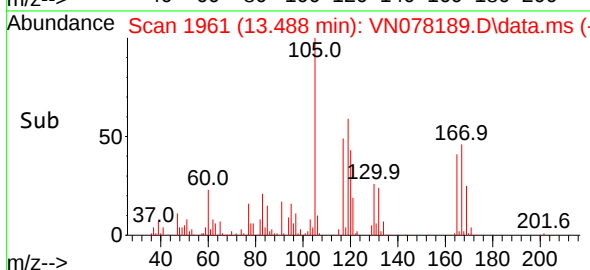
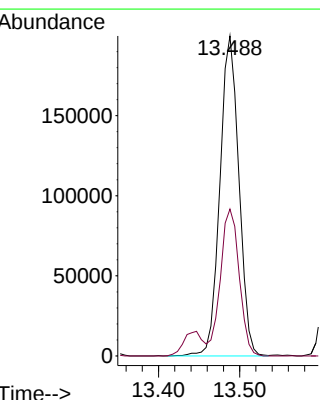
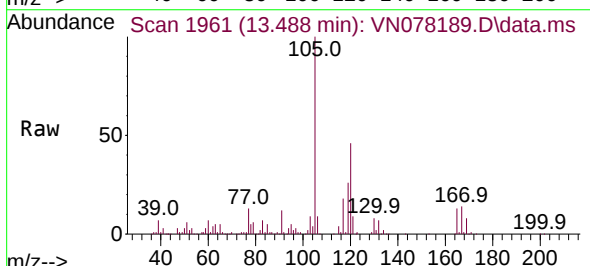
Acq: 13 Jun 2023 16:42

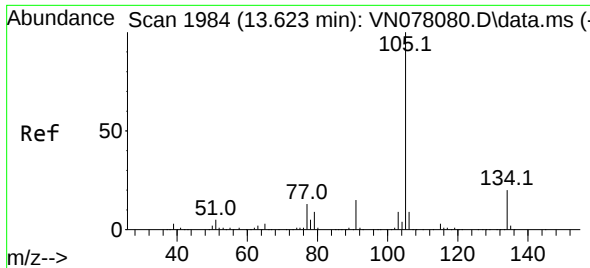
Tgt Ion:105 Resp: 324391

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0





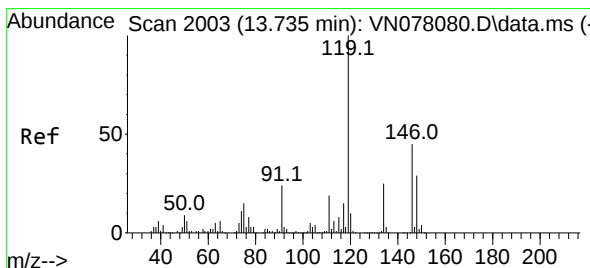
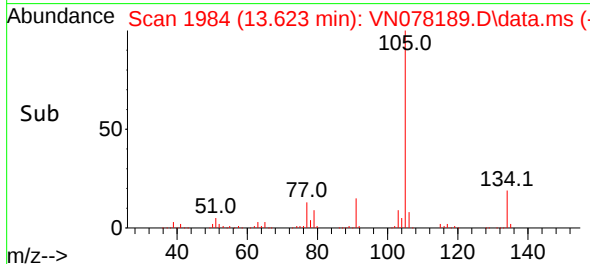
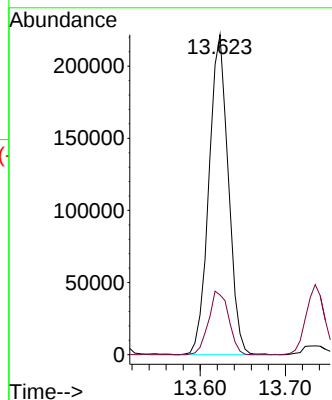
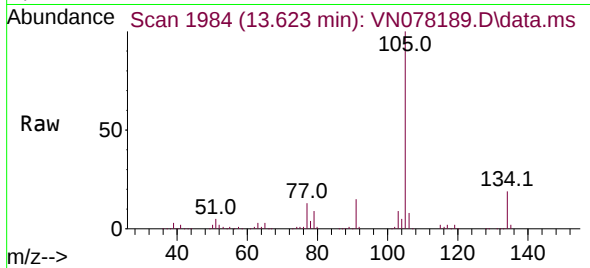
#85
 sec-Butylbenzene
 Concen: 16.843 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078189.D
 Acq: 13 Jun 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS03

Tgt Ion:105 Resp: 350439
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3

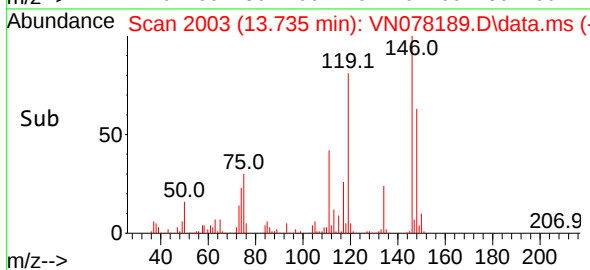
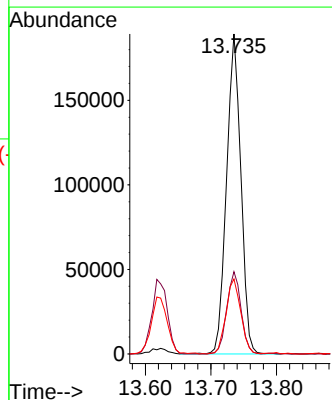
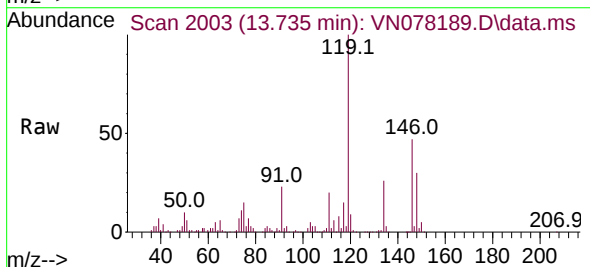
Manual Integrations
 APPROVED

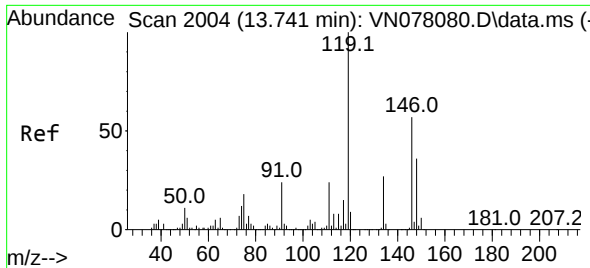
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#86
 p-Isopropyltoluene
 Concen: 16.976 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078189.D
 Acq: 13 Jun 2023 16:42

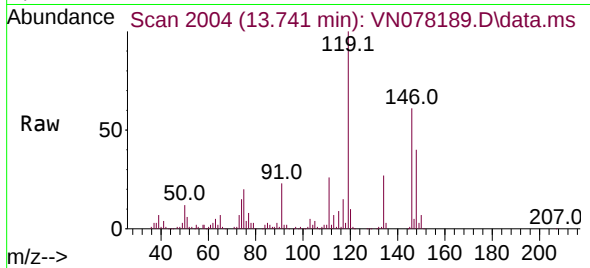
Tgt Ion:119 Resp: 286628
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.825 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

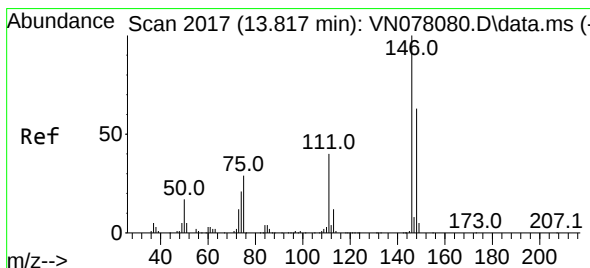
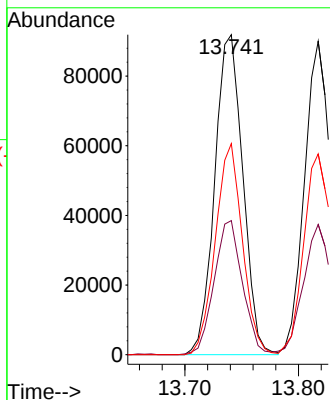
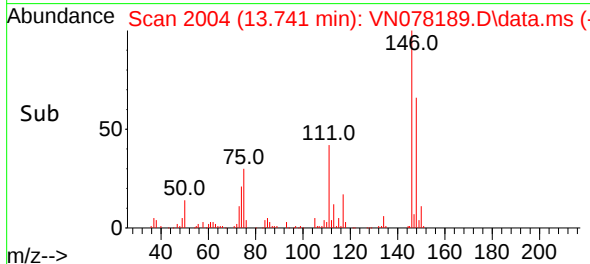
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



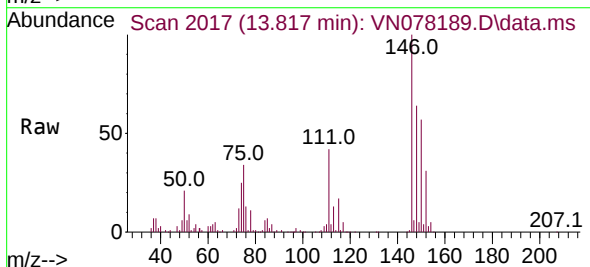
Tgt Ion:146 Resp: 15809
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 63.7 32.0 96.0

Manual Integrations
APPROVED

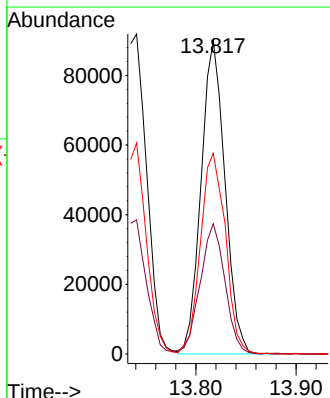
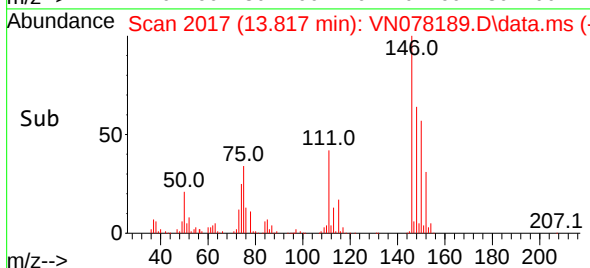
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

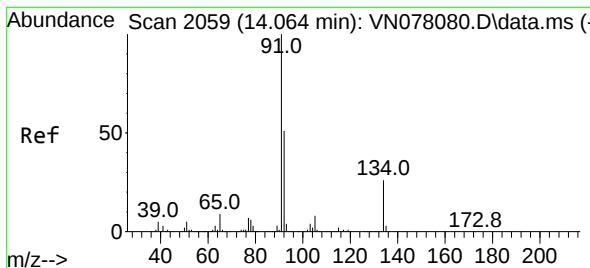


#88
1,4-Dichlorobenzene
Concen: 17.433 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



Tgt Ion:146 Resp: 149198
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 67.0 31.6 94.8





#89

n-Butylbenzene

Concen: 16.472 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

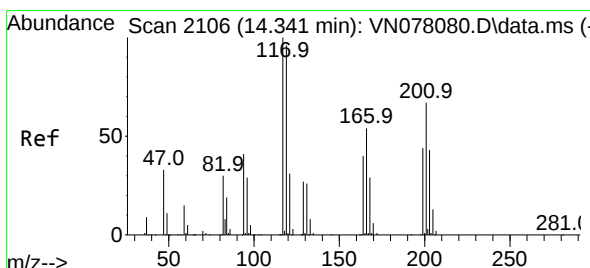
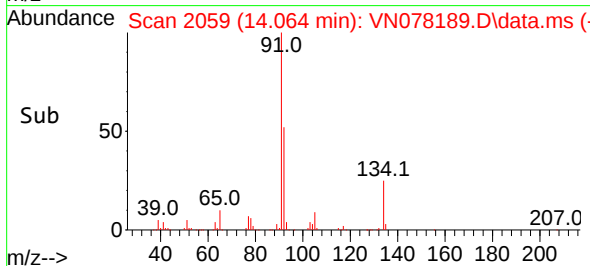
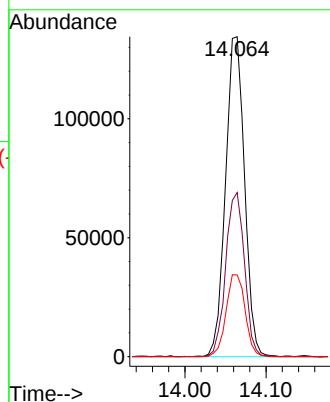
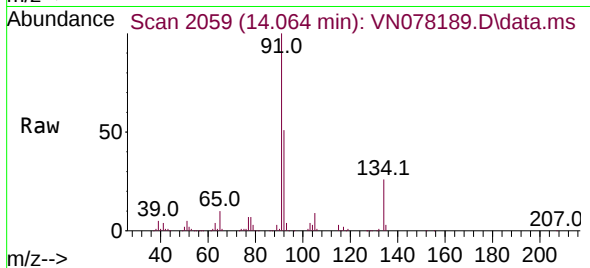
Tgt Ion:	91	Resp:	21936
Ion Ratio	Lower	Upper	
91	100		
92	50.8	26.4	79.0
134	25.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#90

Hexachloroethane

Concen: 17.899 ug/l

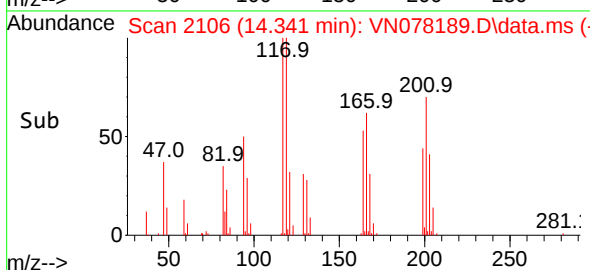
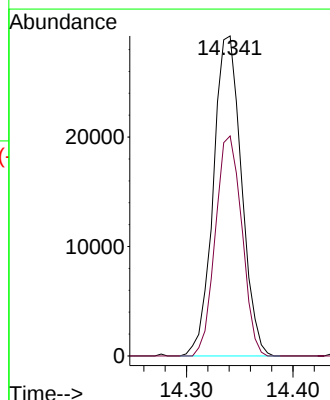
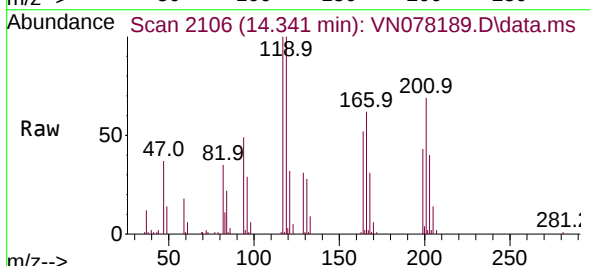
RT: 14.341 min Scan# 2106

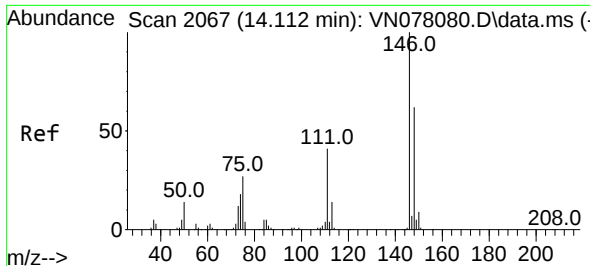
Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Tgt Ion:	117	Resp:	53631
Ion Ratio	Lower	Upper	
117	100		
201	64.6	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 18.921 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS03

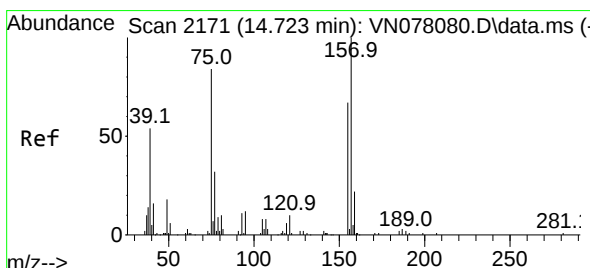
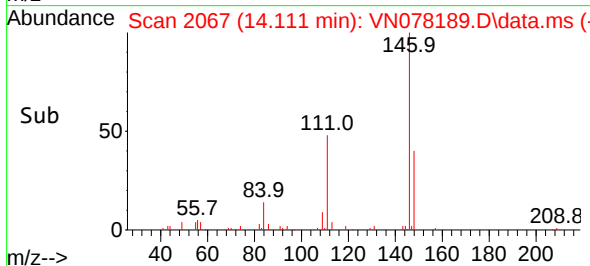
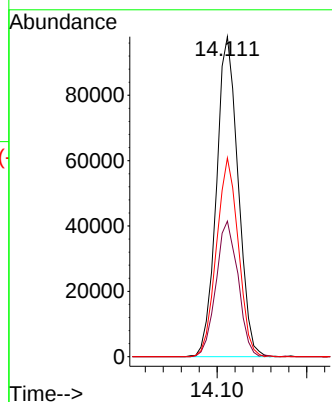
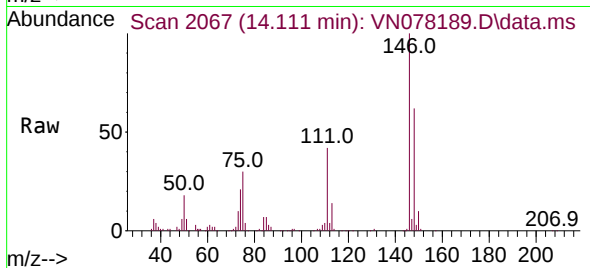
Tgt Ion:	146	Resp:	16400
Ion Ratio	Lower	Upper	
146	100		
111	43.2	22.0	66.0
148	62.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.511 ug/l

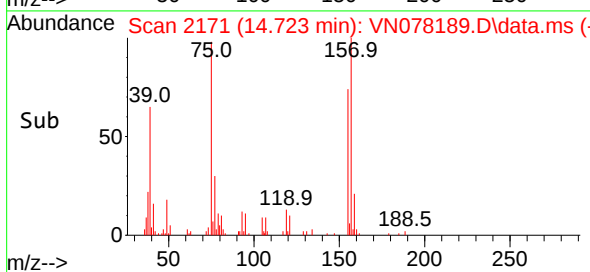
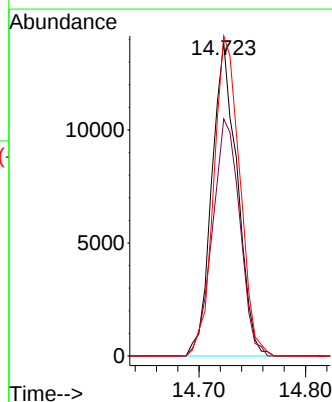
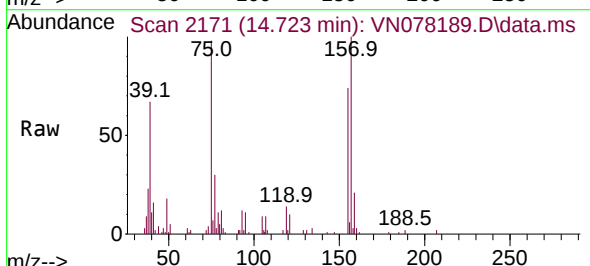
RT: 14.723 min Scan# 2171

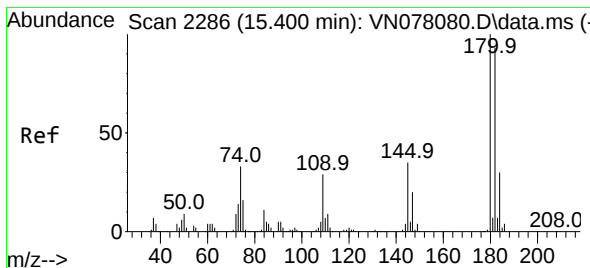
Delta R.T. -0.000 min

Lab File: VN078189.D

Acq: 13 Jun 2023 16:42

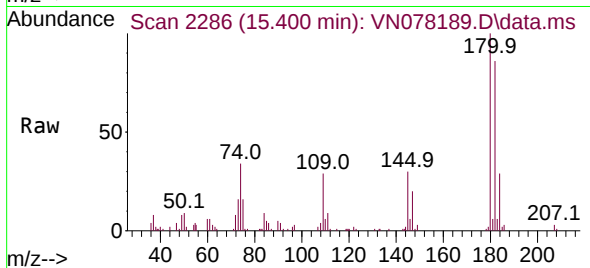
Tgt Ion:	75	Resp:	22947
Ion Ratio	Lower	Upper	
75	100		
155	80.8	39.1	117.2
157	104.5	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.491 ug/l
RT: 15.400 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

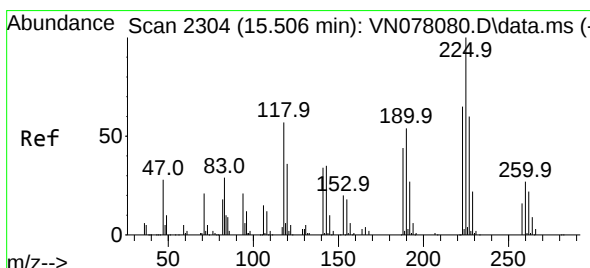
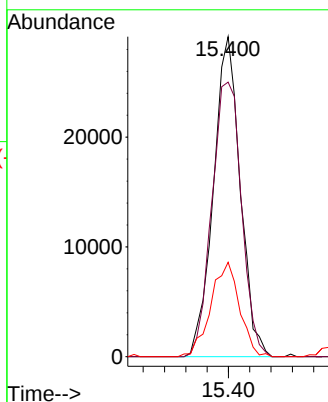
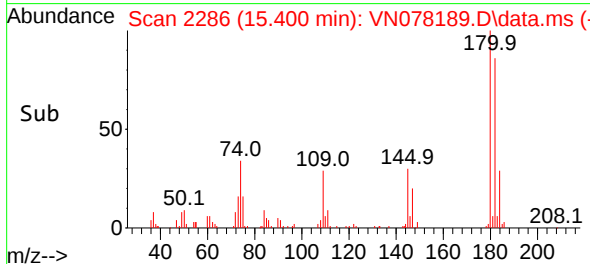
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



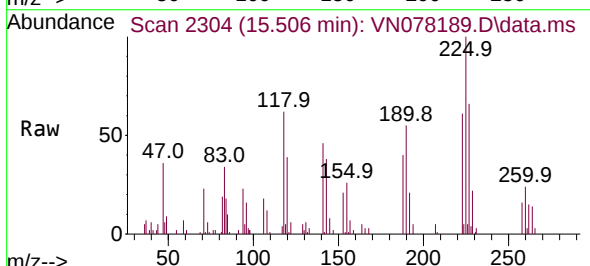
Tgt Ion:180 Resp: 50929
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 31.7 16.6 49.8

Manual Integrations
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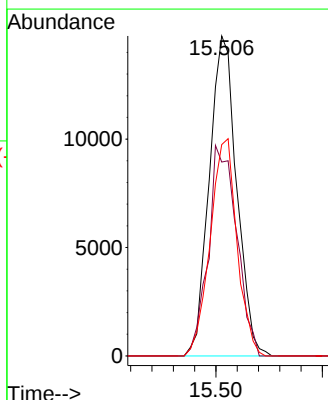
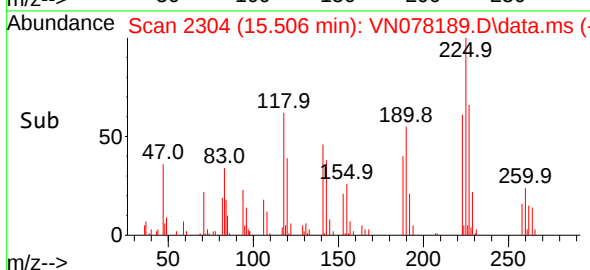
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

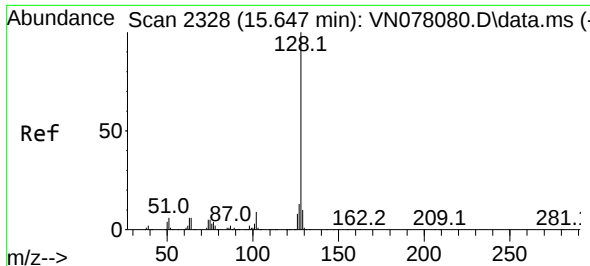


#94
Hexachlorobutadiene
Concen: 15.560 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



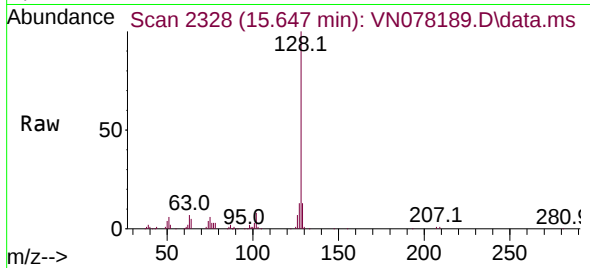
Tgt Ion:225 Resp: 26349
Ion Ratio Lower Upper
225 100
223 68.1 31.3 93.8
227 66.4 31.9 95.9





#95
Naphthalene
Concen: 15.929 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42

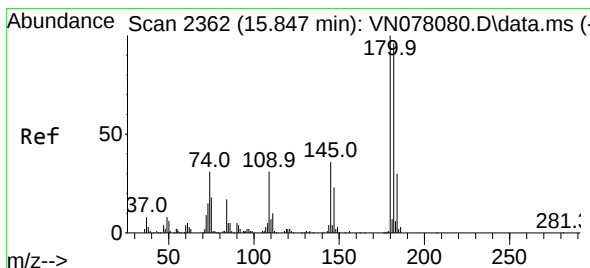
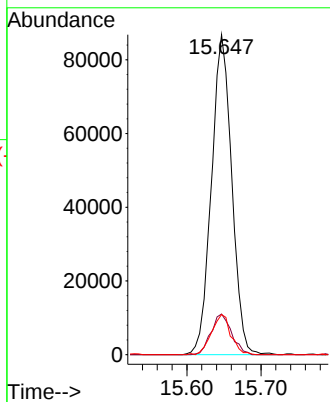
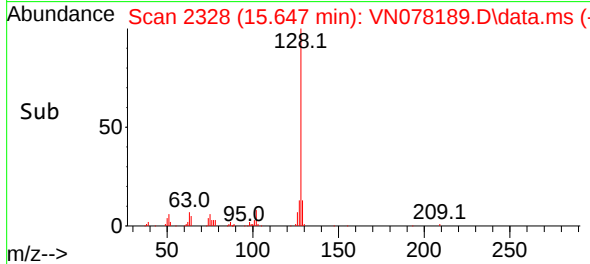
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS03



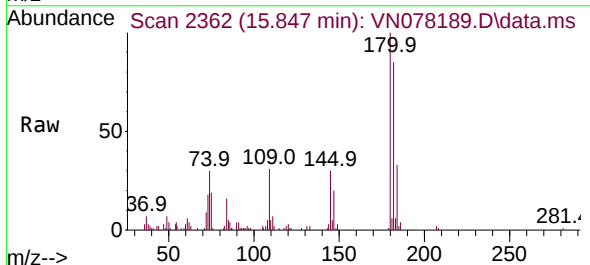
Tgt Ion:128 Resp: 16547
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 12.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.537 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078189.D
Acq: 13 Jun 2023 16:42



Tgt Ion:180 Resp: 57119
Ion Ratio Lower Upper
180 100
182 90.5 46.2 138.6
145 32.1 17.5 52.6

