

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078179.D
 Acq On : 13 Jun 2023 11:50
 Operator : JC\MD
 Sample : VN0613MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 02:16:39 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	8.230	168	418615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	756986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	659424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284281	50.933	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.860%			
35) Dibromofluoromethane	8.171	113	233624	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.620%			
50) Toluene-d8	10.571	98	900555	48.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.620%			
62) 4-Bromofluorobenzene	12.853	95	280534	48.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	77090	16.291	ug/l	95
3) Chloromethane	2.371	50	85959	18.147	ug/l	91
4) Vinyl Chloride	2.524	62	106801	17.236	ug/l	98
5) Bromomethane	2.965	94	84283	17.998	ug/l	99
6) Chloroethane	3.130	64	79897	18.915	ug/l	100
7) Trichlorofluoromethane	3.506	101	146030	17.379	ug/l	98
8) Diethyl Ether	3.971	74	51450	17.426	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	79071	17.831	ug/l	96
10) Methyl Iodide	4.600	142	103469	16.499	ug/l	98
11) Tert butyl alcohol	5.524	59	68852	89.339	ug/l	98
12) 1,1-Dichloroethene	4.348	96	77596	16.975	ug/l	89
13) Acrolein	4.189	56	69253	81.533	ug/l	94
14) Allyl chloride	5.024	41	103183	18.491	ug/l	91
15) Acrylonitrile	5.724	53	183042	92.123	ug/l	98
16) Acetone	4.442	43	143440	89.285	ug/l	100
17) Carbon Disulfide	4.718	76	193450	16.441	ug/l	98
18) Methyl Acetate	5.042	43	135864	18.369	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	261214	17.910	ug/l	100
20) Methylene Chloride	5.283	84	93110	17.539	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	84080	17.053	ug/l #	78
22) Diisopropyl ether	6.683	45	252718	19.253	ug/l	94
23) Vinyl Acetate	6.612	43	729268	93.465	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	163430	18.874	ug/l	97
25) 2-Butanone	7.489	43	231841	93.843	ug/l	90
26) 2,2-Dichloropropane	7.494	77	137872	21.565	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	104395	17.751	ug/l	94
28) Bromochloromethane	7.824	49	72188	18.158	ug/l	88
29) Tetrahydrofuran	7.847	42	152634	92.419	ug/l #	83
30) Chloroform	7.971	83	176699	18.951	ug/l	91
31) Cyclohexane	8.259	56	123651	17.270	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	152603	18.642	ug/l	97
36) 1,1-Dichloropropene	8.377	75	126735	18.460	ug/l	97
37) Ethyl Acetate	7.565	43	97555	18.190	ug/l	97
38) Carbon Tetrachloride	8.371	117	133621	18.432	ug/l	93
39) Methylcyclohexane	9.606	83	125205	17.598	ug/l	89
40) Benzene	8.612	78	383095	18.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	51344	17.662	ug/l	94
42) 1,2-Dichloroethane	8.677	62	135703	19.310	ug/l	98
43) Isopropyl Acetate	8.694	43	174514	17.014	ug/l #	94
44) Trichloroethene	9.359	130	99242	18.335	ug/l	98
45) 1,2-Dichloropropane	9.624	63	97379	19.096	ug/l	98
46) Dibromomethane	9.712	93	70738	18.833	ug/l	98
47) Bromodichloromethane	9.894	83	140829	20.185	ug/l	97
48) Methyl methacrylate	9.688	41	78246	18.178	ug/l	89
49) 1,4-Dioxane	9.700	88	33005	364.820	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	501968	92.936	ug/l	94
52) Toluene	10.635	92	244579	18.900	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	138478	19.058	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	150350	18.718	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	95117	19.430	ug/l	97
56) Ethyl methacrylate	10.882	69	127607	17.902	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	157069	19.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	266961	92.711	ug/l	93
59) 2-Hexanone	11.200	43	348192	92.584	ug/l	92
60) Dibromochloromethane	11.365	129	99140	18.507	ug/l	99
61) 1,2-Dibromoethane	11.471	107	89006	17.325	ug/l	96
64) Tetrachloroethene	11.112	164	83607	19.005	ug/l	92
65) Chlorobenzene	11.894	112	254310	18.008	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	92407	17.791	ug/l	97
67) Ethyl Benzene	11.971	91	444142	18.227	ug/l	98
68) m/p-Xylenes	12.076	106	342584	36.891	ug/l	99
69) o-Xylene	12.400	106	164140	17.999	ug/l	95
70) Styrene	12.418	104	253280	17.642	ug/l	95
71) Bromoform	12.582	173	59495	17.749	ug/l #	99
73) Isopropylbenzene	12.700	105	416542	18.006	ug/l	100
74) N-amyl acetate	12.500	43	128688	16.893	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	130290	18.958	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	101211m	17.501	ug/l	
77) Bromobenzene	12.982	156	92198	17.169	ug/l	99
78) n-propylbenzene	13.041	91	463665	18.448	ug/l	99
79) 2-Chlorotoluene	13.129	91	282901	17.437	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	334181	17.843	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31799	16.893	ug/l	87
82) 4-Chlorotoluene	13.223	91	268903	17.759	ug/l	98
83) tert-Butylbenzene	13.441	119	290061	17.816	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	336346	18.523	ug/l	98
85) sec-Butylbenzene	13.623	105	377402	17.711	ug/l	99
86) p-Isopropyltoluene	13.735	119	299307	17.309	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	152926	16.835	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	151469	17.281	ug/l	98
89) n-Butylbenzene	14.065	91	223378	16.377	ug/l	97
90) Hexachloroethane	14.341	117	55545	18.100	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	154389	17.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19157	16.719	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	47506	15.019	ug/l	98
94) Hexachlorobutadiene	15.512	225	26224	15.041	ug/l	99
95) Naphthalene	15.647	128	128056	12.035	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	50946	14.401	ug/l	95

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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

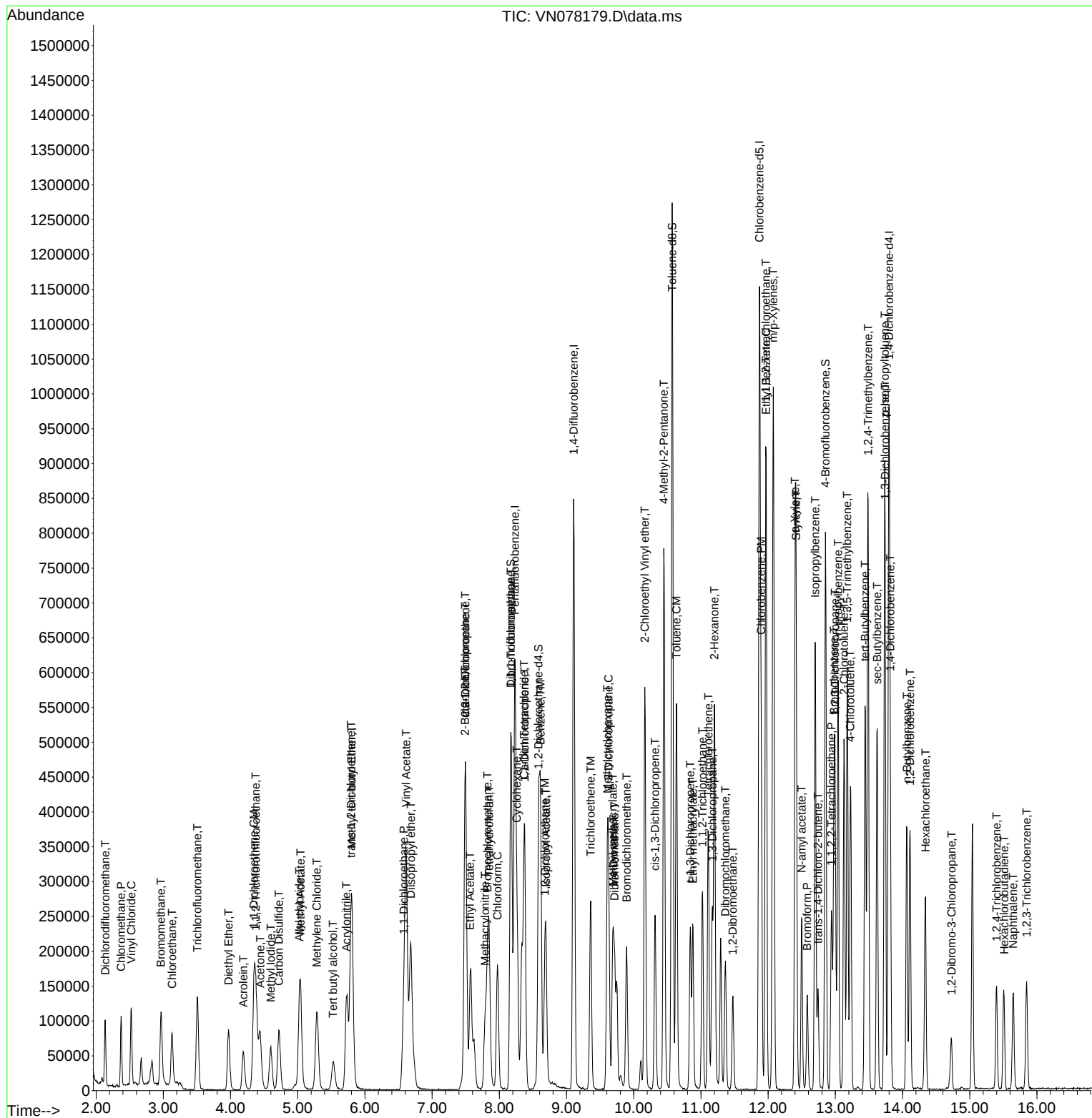
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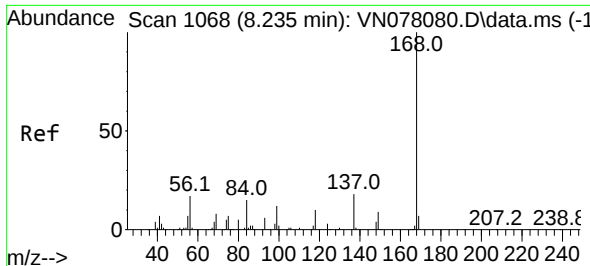
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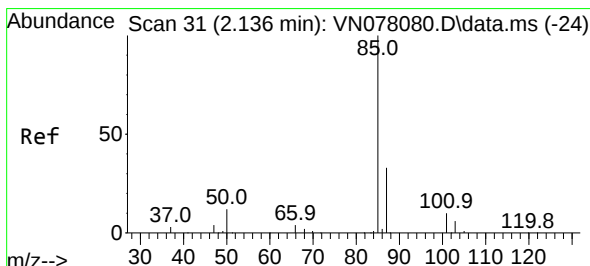
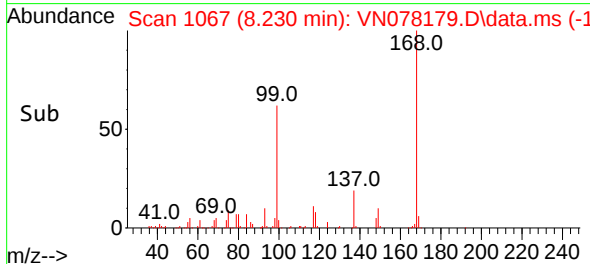
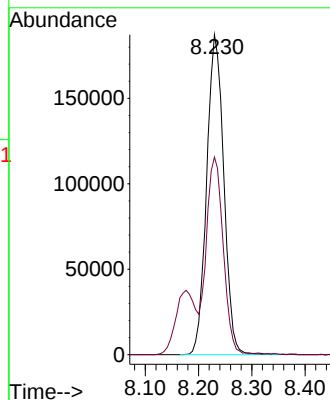
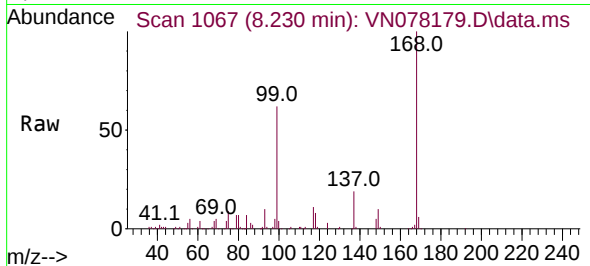
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion:168 Resp: 41861
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6

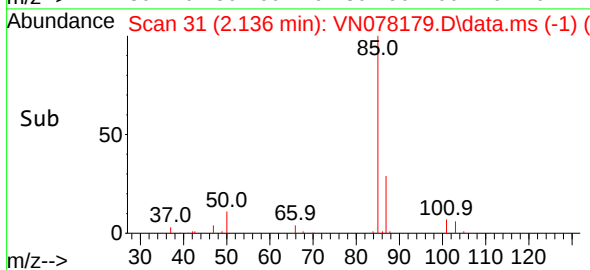
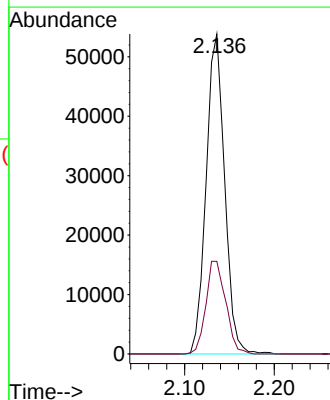
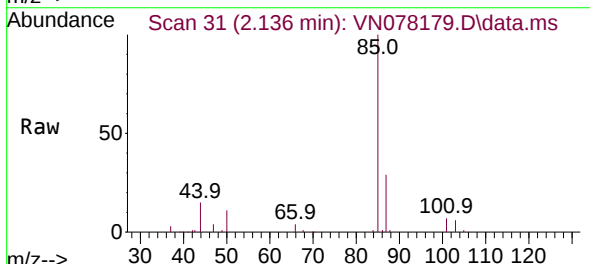
Manual Integrations
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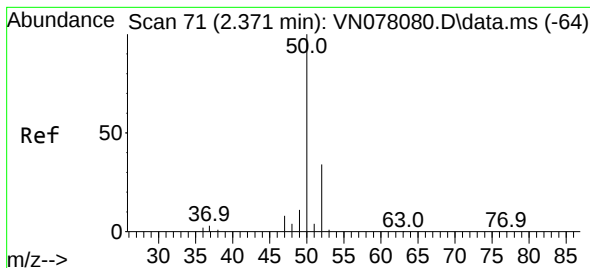
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#2
Dichlorodifluoromethane
Concen: 16.291 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion: 85 Resp: 77090
Ion Ratio Lower Upper
85 100
87 29.0 15.8 47.4





#3

Chloromethane

Concen: 18.147 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

Tgt Ion: 50 Resp: 8595

Ion Ratio Lower Upper

50 100

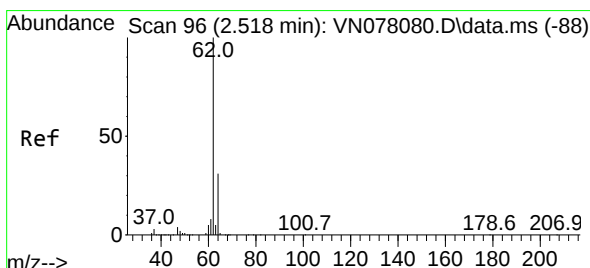
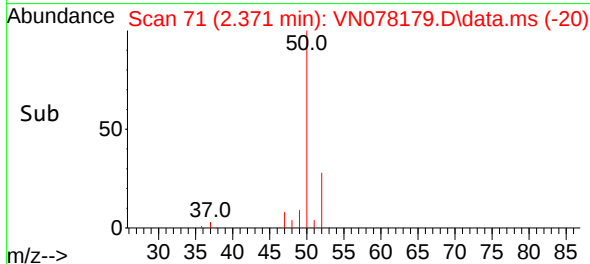
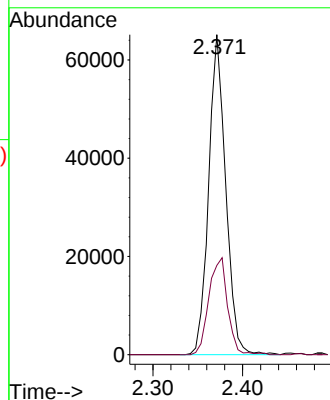
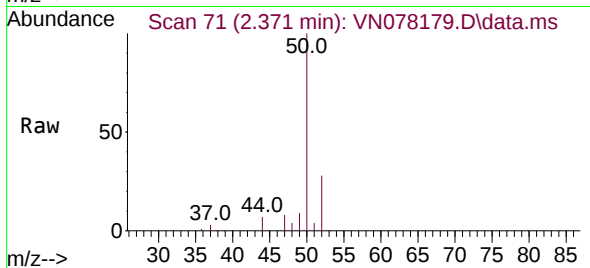
52 27.9 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/14/2023



#4

Vinyl Chloride

Concen: 17.236 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078179.D

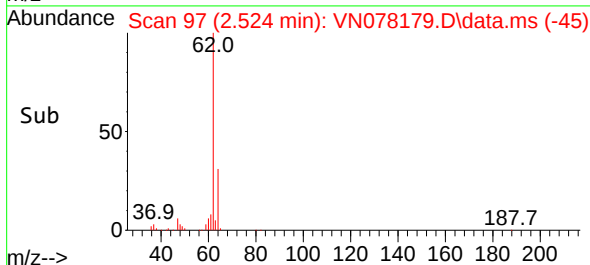
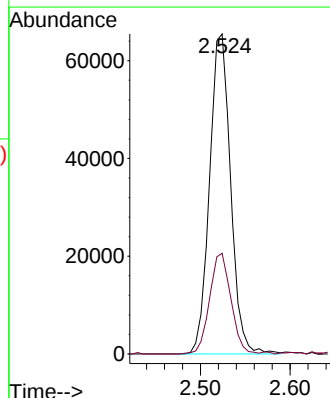
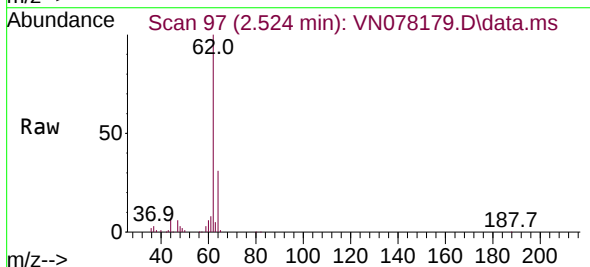
Acq: 13 Jun 2023 11:50

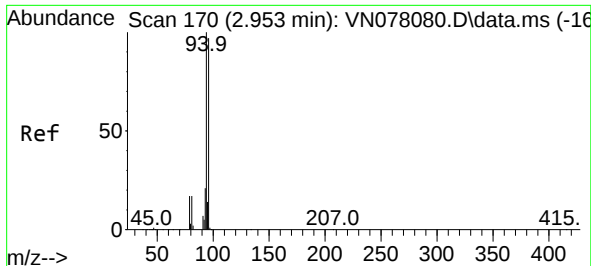
Tgt Ion: 62 Resp: 106801

Ion Ratio Lower Upper

62 100

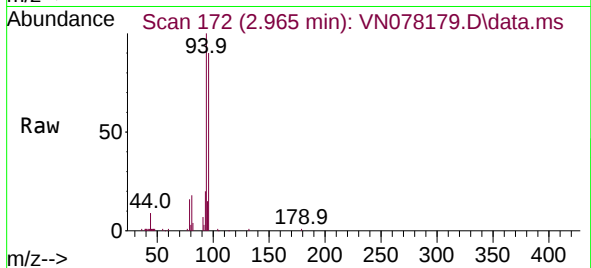
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 17.998 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

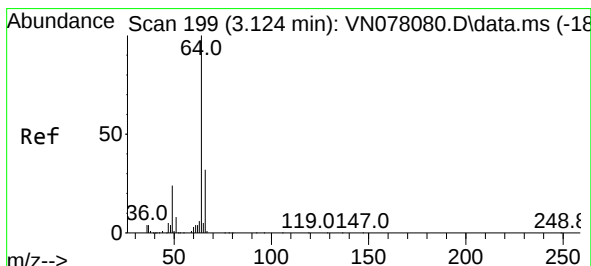
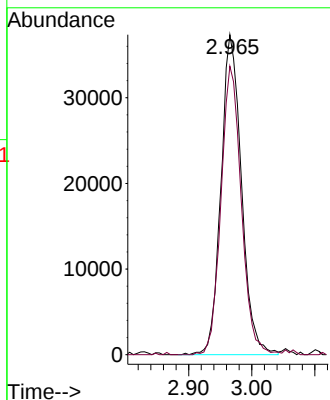
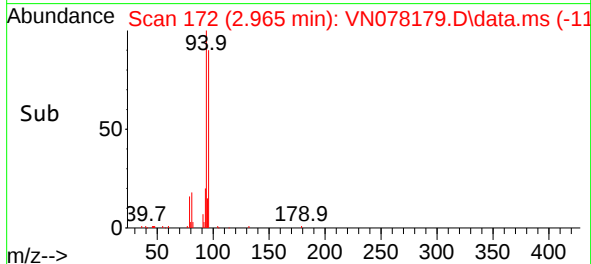
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Tgt Ion: 94 Resp: 8428
Ion Ratio Lower Upper
94 100
96 90.2 73.1 109.7

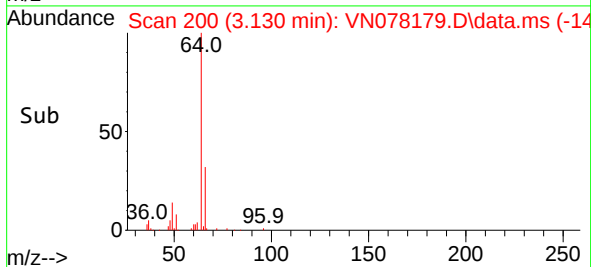
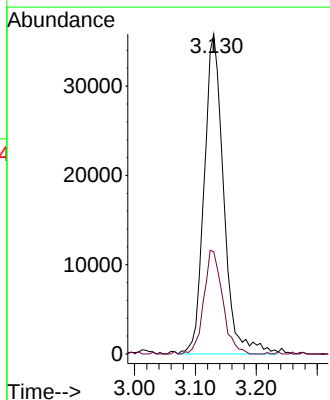
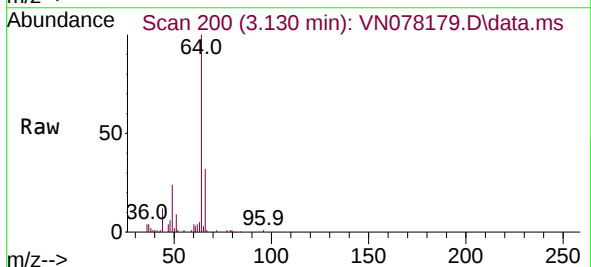
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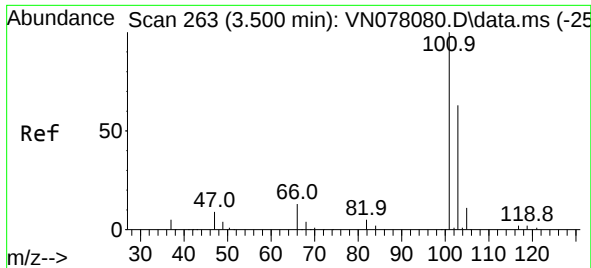
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#6
Chloroethane
Concen: 18.915 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

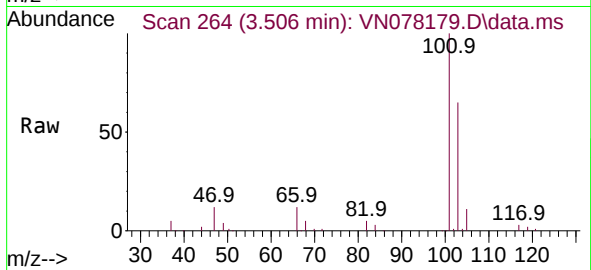
Tgt Ion: 64 Resp: 79897
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.379 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

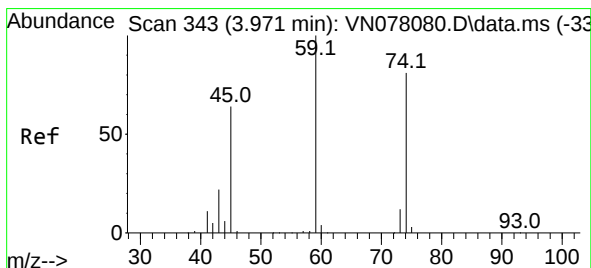
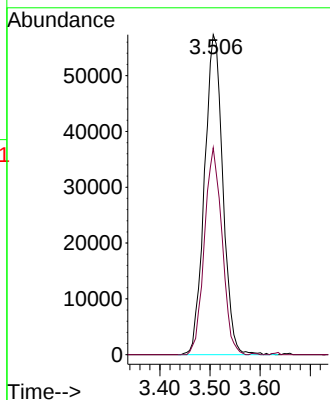
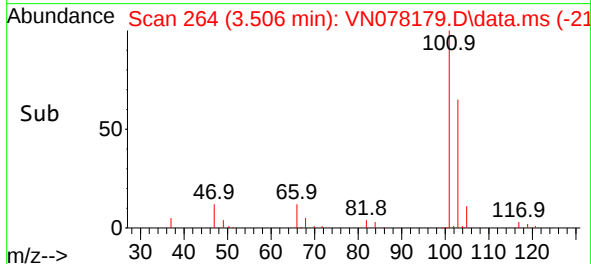
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Tgt Ion:101 Resp: 146030
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

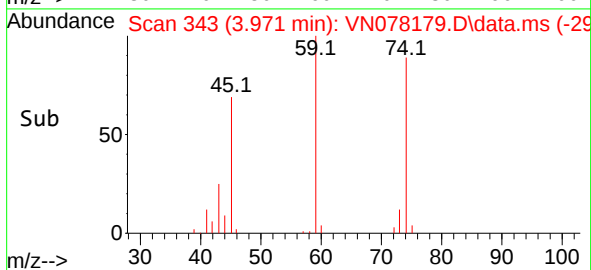
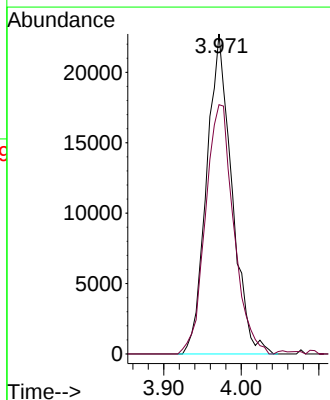
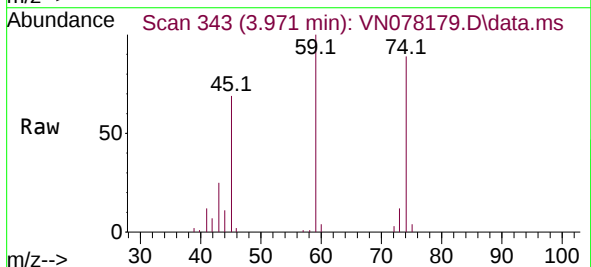
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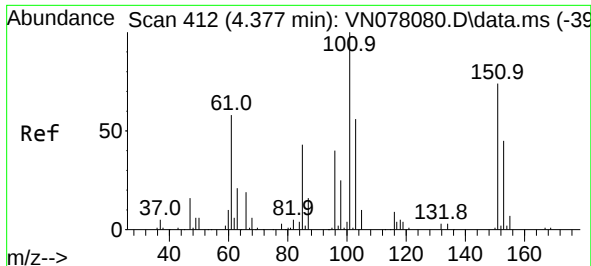
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#8
Diethyl Ether
Concen: 17.426 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion: 74 Resp: 51450
Ion Ratio Lower Upper
74 100
45 86.9 34.4 103.3





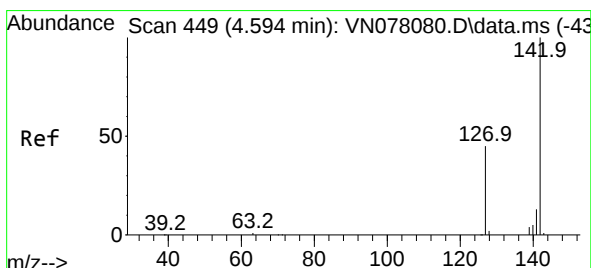
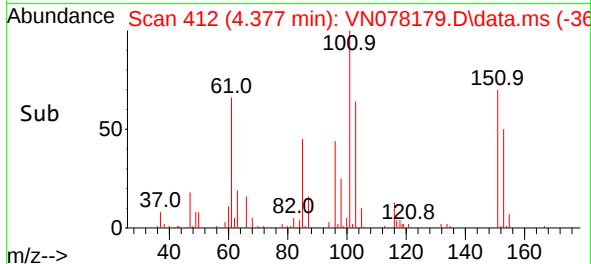
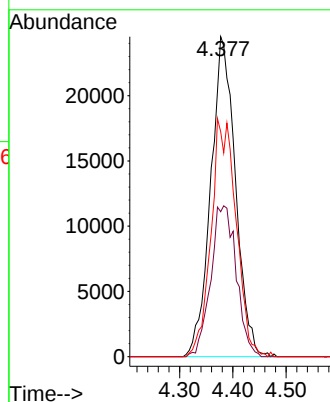
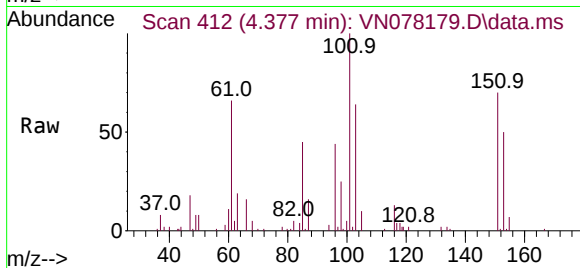
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.831 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion:101 Resp: 7907
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 75.4 57.6 86.4

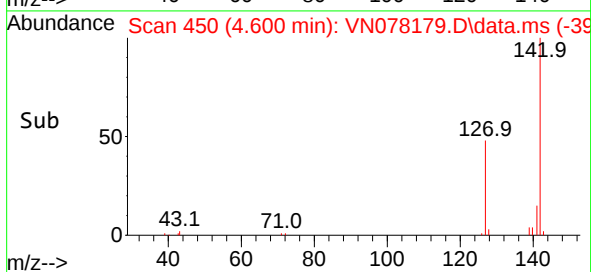
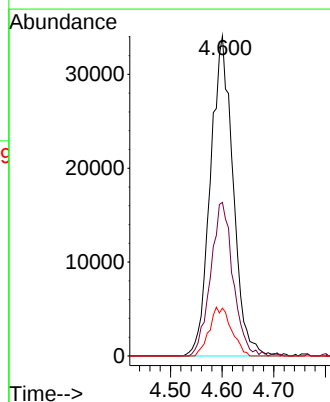
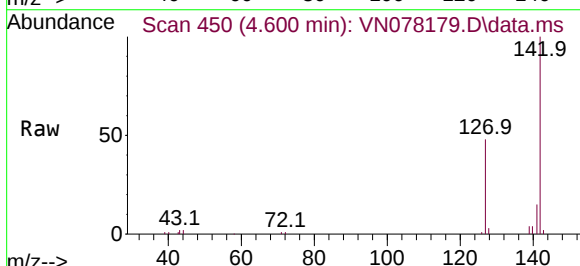
Manual Integrations
APPROVED

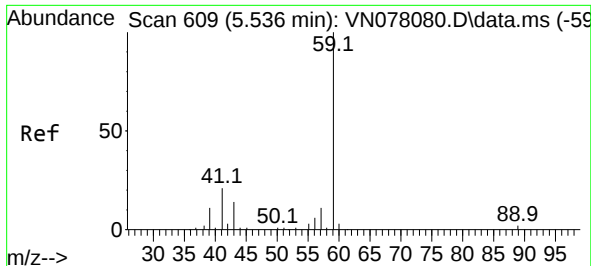
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#10
Methyl Iodide
Concen: 16.499 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

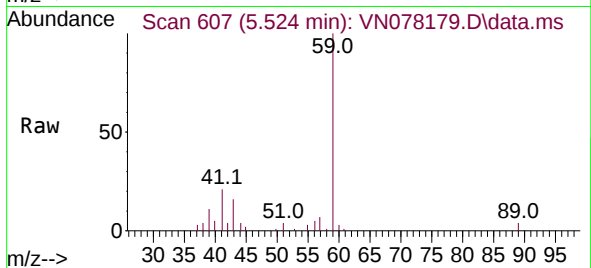
Tgt Ion:142 Resp: 103469
Ion Ratio Lower Upper
142 100
127 48.0 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 89.339 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

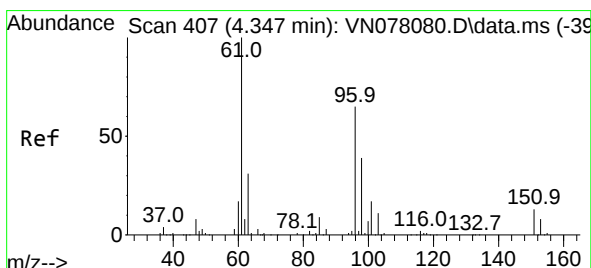
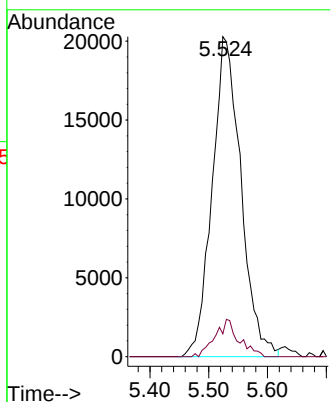
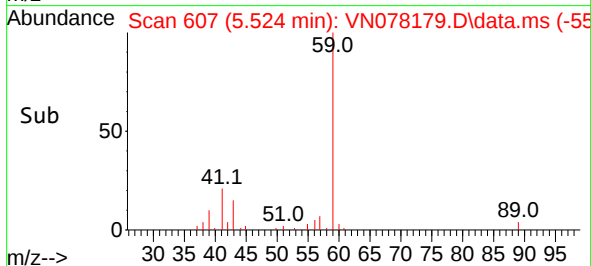
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 59 Resp: 6885
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

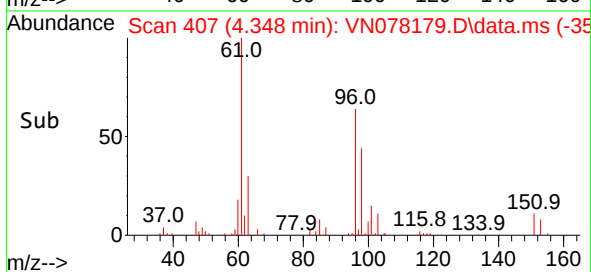
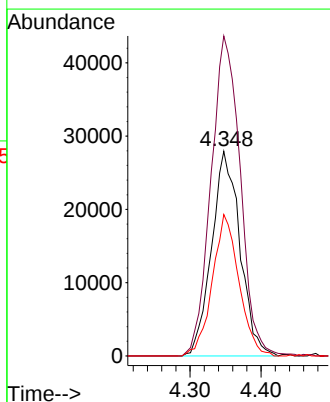
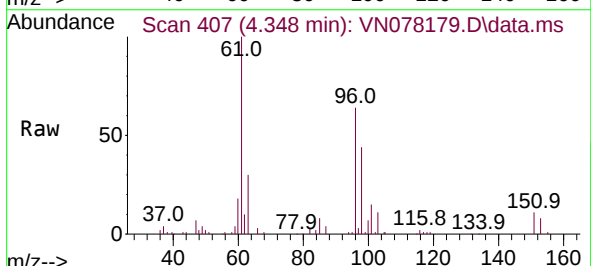
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 16.975 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

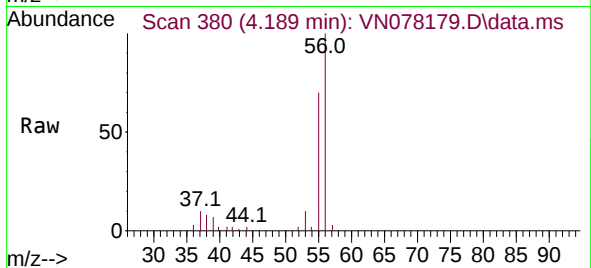
Tgt Ion: 96 Resp: 77596
Ion Ratio Lower Upper
96 100
61 156.3 112.7 169.1
98 69.1 51.2 76.8





#13
Acrolein
Concen: 81.533 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

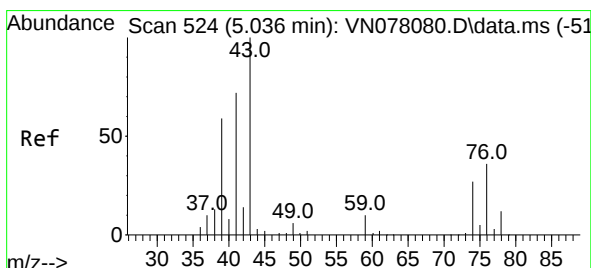
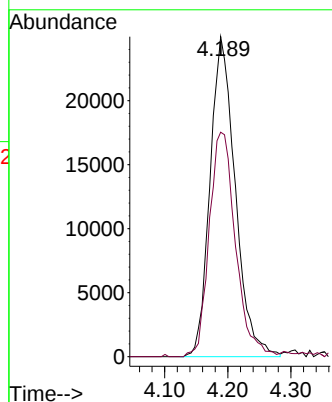
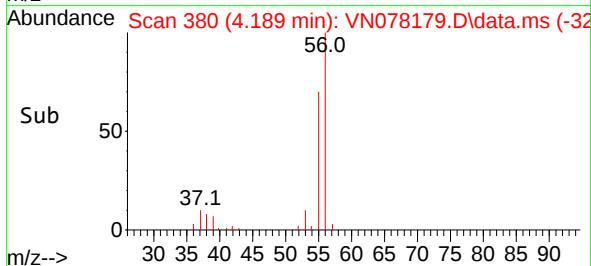
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



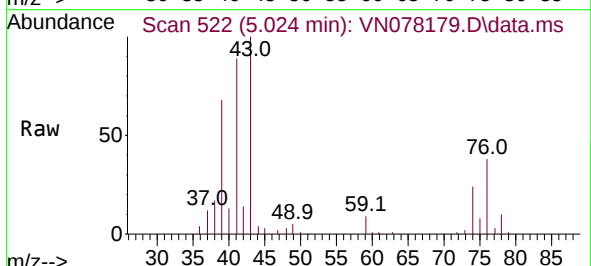
Tgt Ion: 56 Resp: 6925
Ion Ratio Lower Upper
56 100
55 73.0 54.5 81.7

Manual Integrations
APPROVED

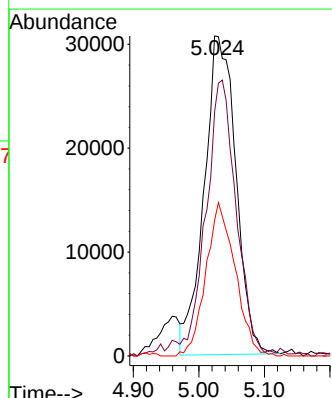
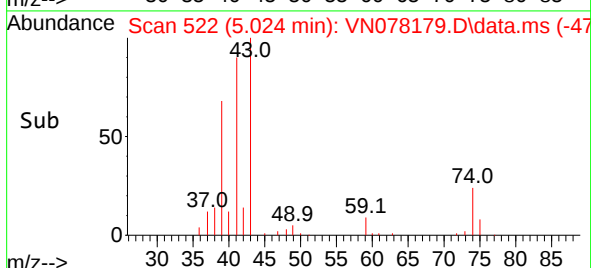
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

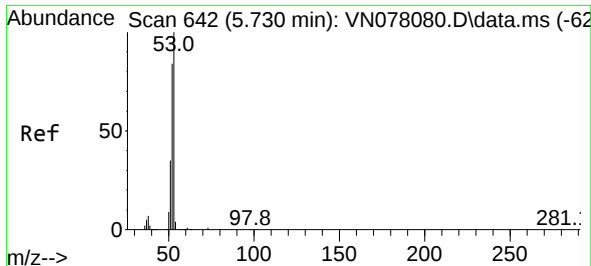


#14
Allyl chloride
Concen: 18.491 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



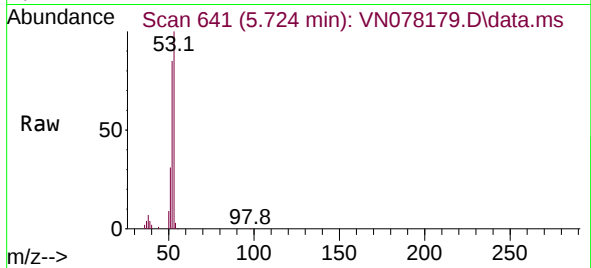
Tgt Ion: 41 Resp: 103183
Ion Ratio Lower Upper
41 100
39 82.3 58.8 88.2
76 44.5 39.1 58.7





#15
Acrylonitrile
Concen: 92.123 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

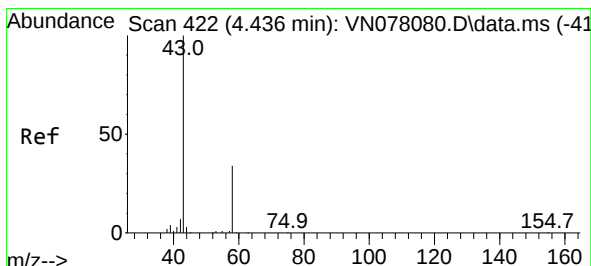
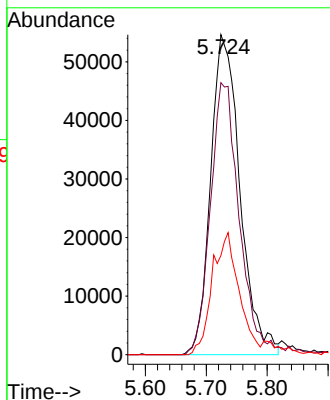
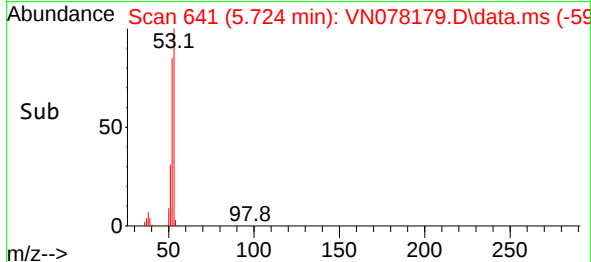
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 53 Resp: 18304
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 34.7 28.9 43.3

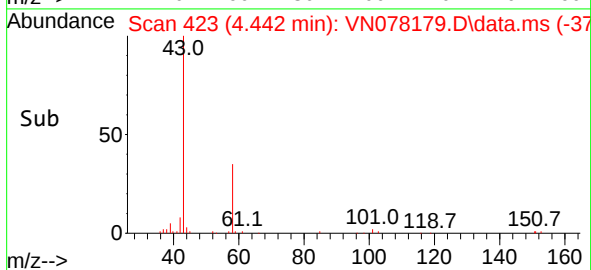
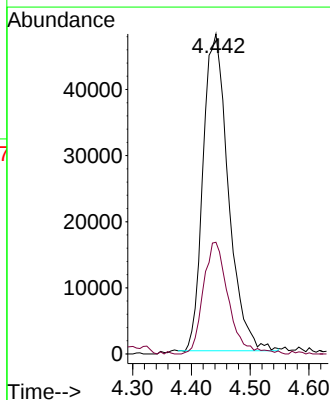
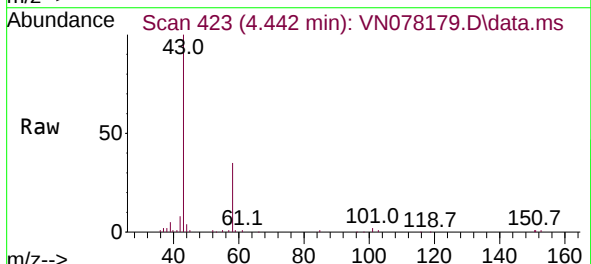
Manual Integrations
APPROVED

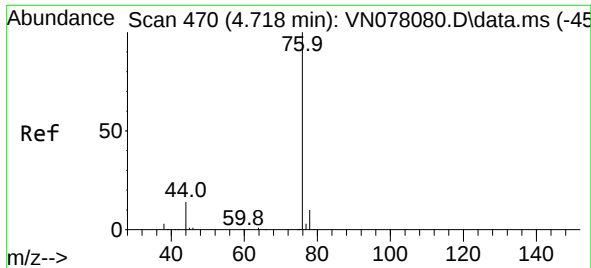
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#16
Acetone
Concen: 89.285 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

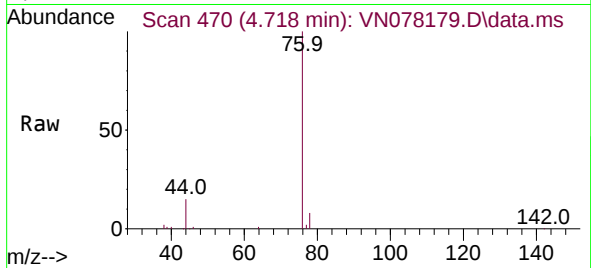
Tgt Ion: 43 Resp: 143440
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0





#17
Carbon Disulfide
Concen: 16.441 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

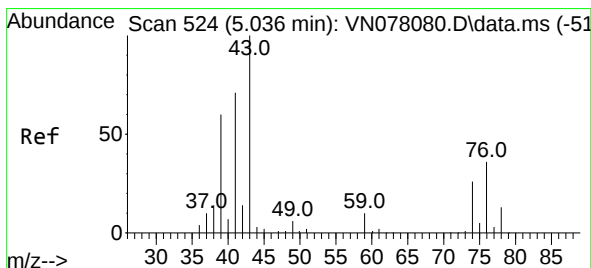
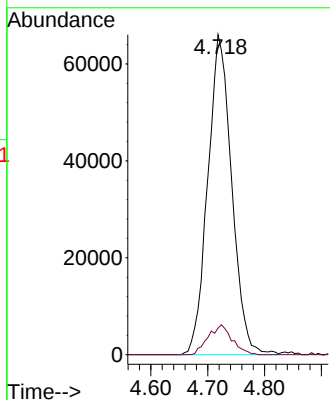
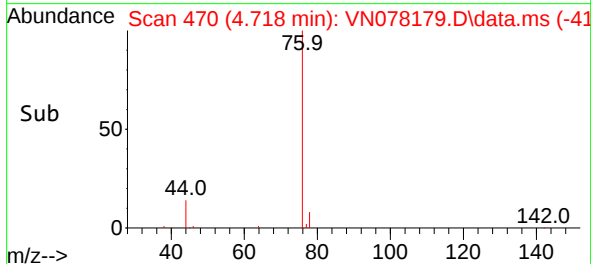
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



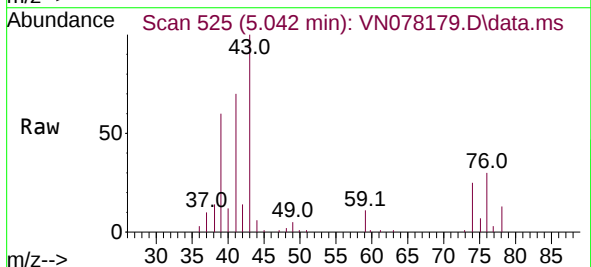
Tgt Ion: 76 Resp: 193450
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

Manual Integrations
APPROVED

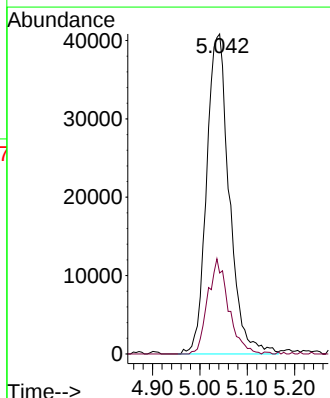
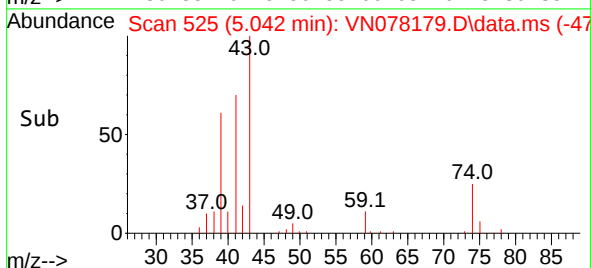
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

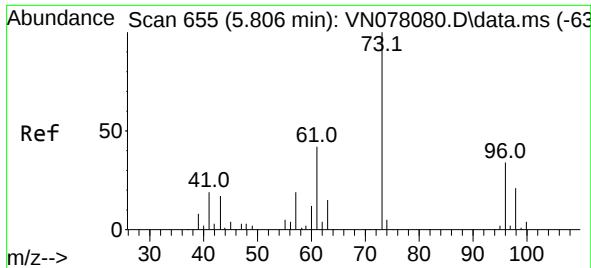


#18
Methyl Acetate
Concen: 18.369 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion: 43 Resp: 135864
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





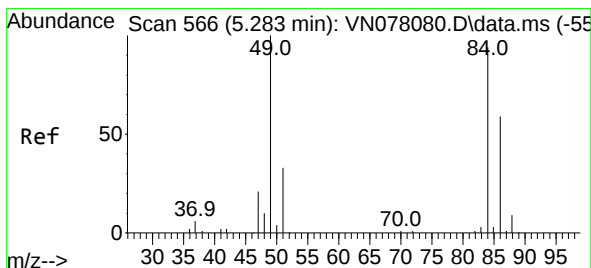
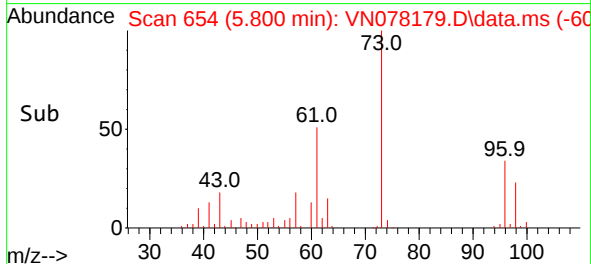
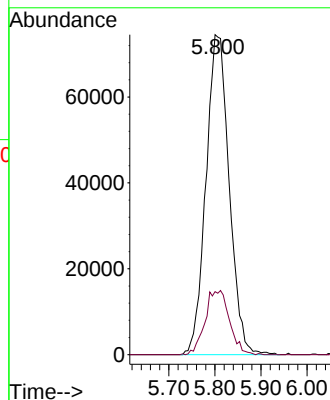
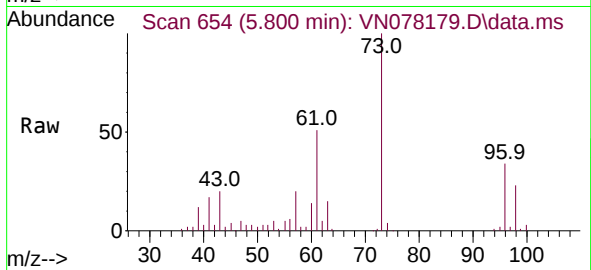
#19
Methyl tert-butyl Ether
Concen: 17.910 ug/l
RT: 5.800 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 73 Resp: 261214
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

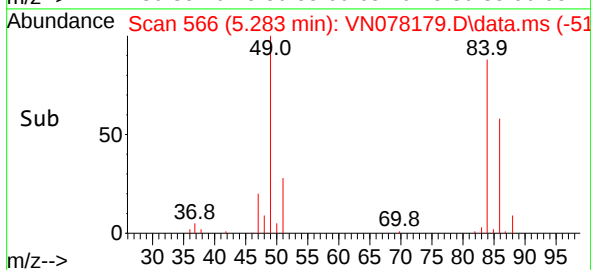
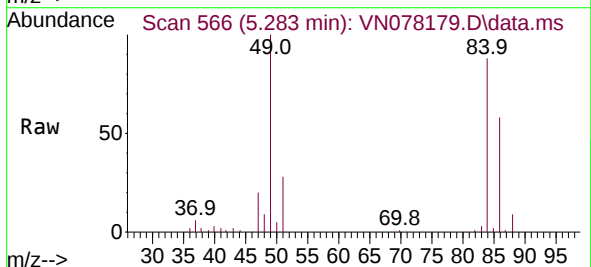
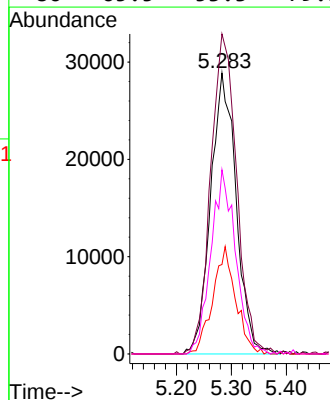
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 17.539 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

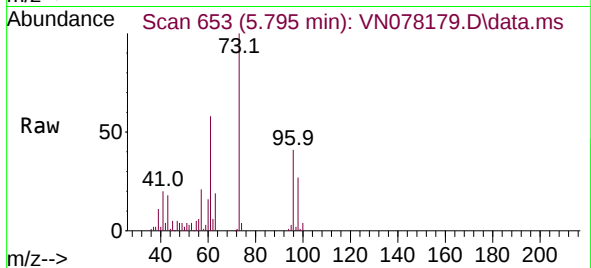
Tgt Ion: 84 Resp: 93110
Ion Ratio Lower Upper
84 100
49 113.9 79.7 119.5
51 31.8 25.2 37.8
86 65.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.053 ug/l
RT: 5.795 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

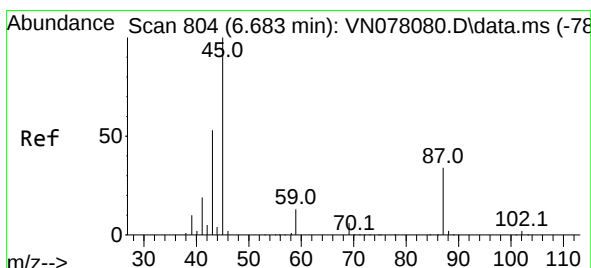
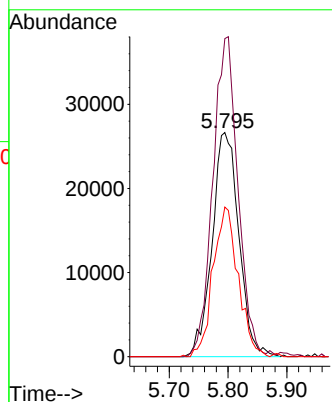
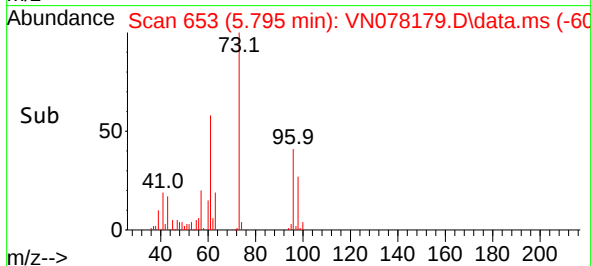
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



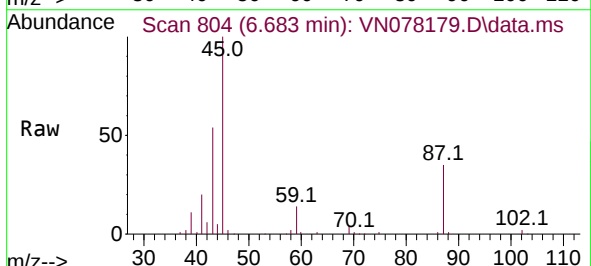
Tgt Ion: 96 Resp: 84080
Ion Ratio Lower Upper
96 100
61 141.8 90.1 135.1
98 66.7 46.4 69.6

Manual Integrations
APPROVED

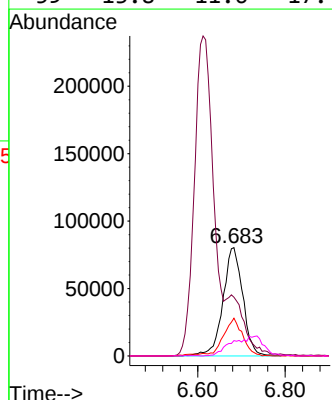
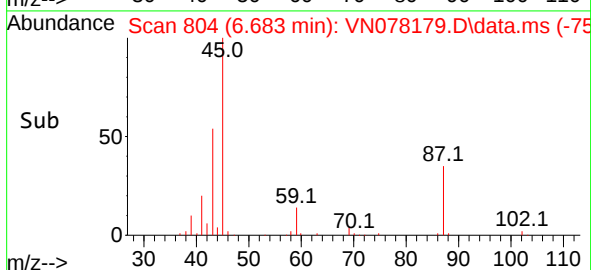
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#22
Diisopropyl ether
Concen: 19.253 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



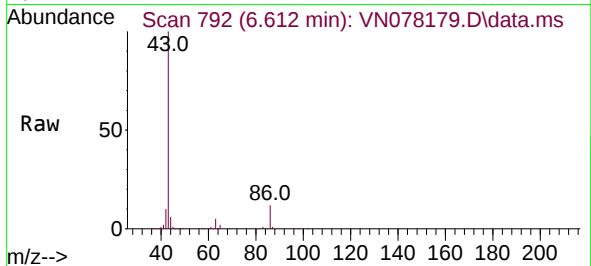
Tgt Ion: 45 Resp: 252718
Ion Ratio Lower Upper
45 100
43 52.3 45.5 68.3
87 34.7 31.8 47.8
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 93.465 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50

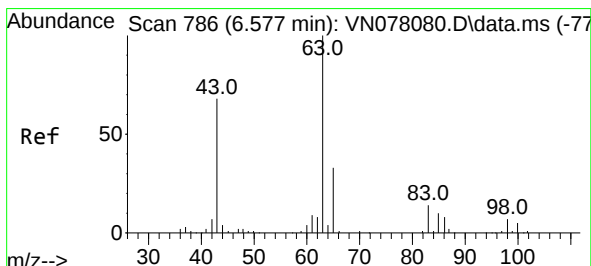
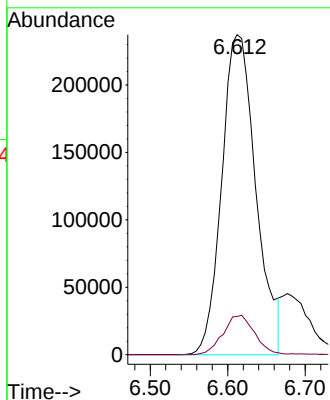
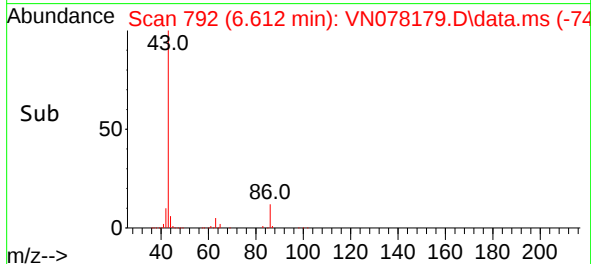
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01



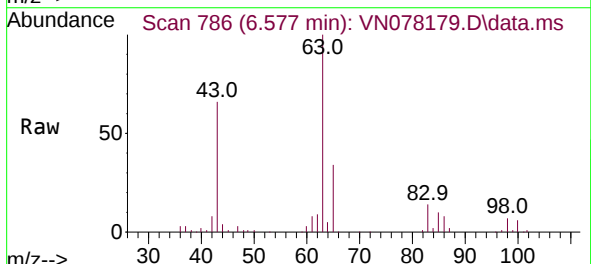
Tgt Ion: 43 Resp: 729268
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

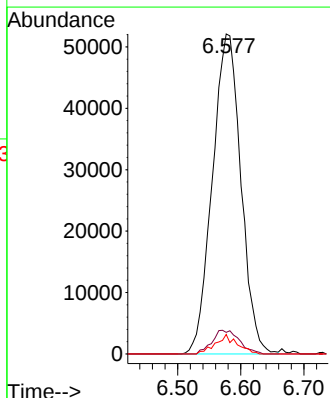
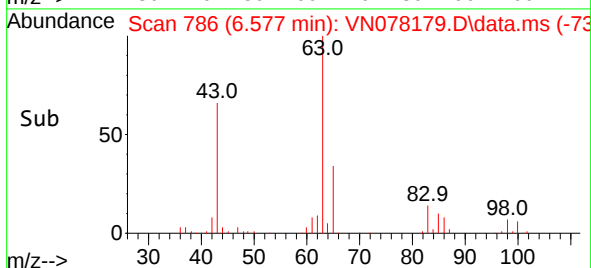
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#24
 1,1-Dichloroethane
 Concen: 18.874 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50



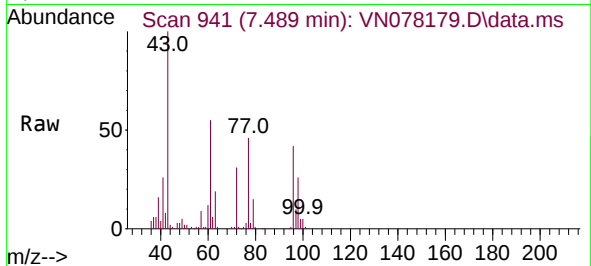
Tgt Ion: 63 Resp: 163430
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 6.1 2.5 7.4





#25
2-Butanone
Concen: 93.843 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

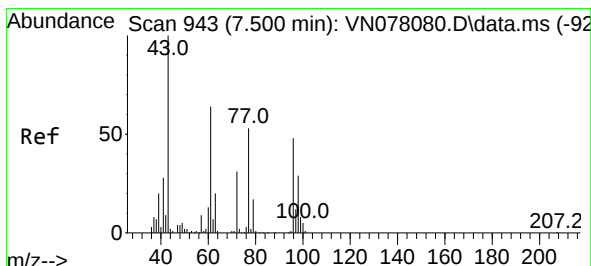
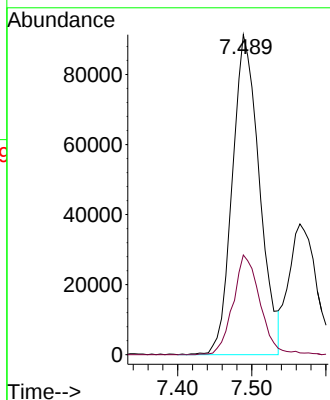
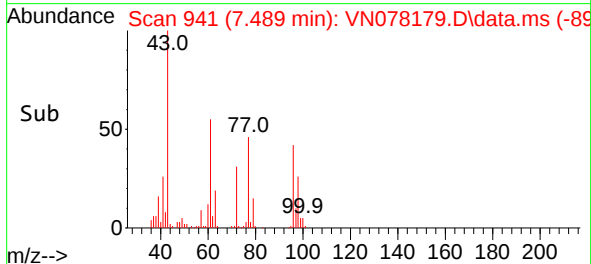
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 43 Resp: 23184
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2

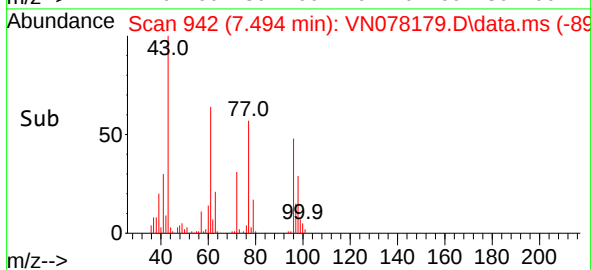
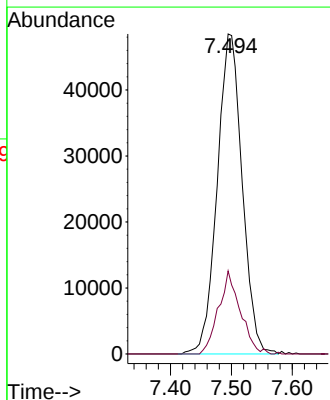
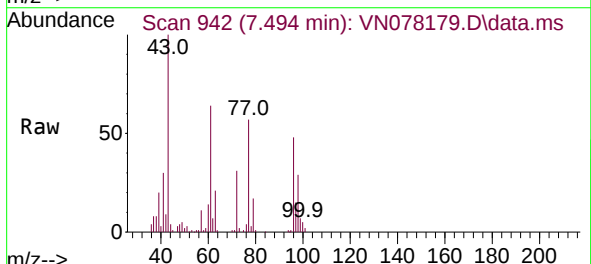
Manual Integrations
APPROVED

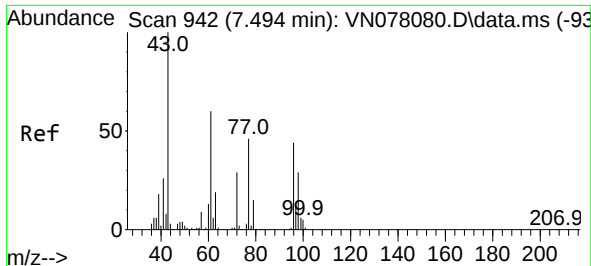
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#26
2,2-Dichloropropane
Concen: 21.565 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

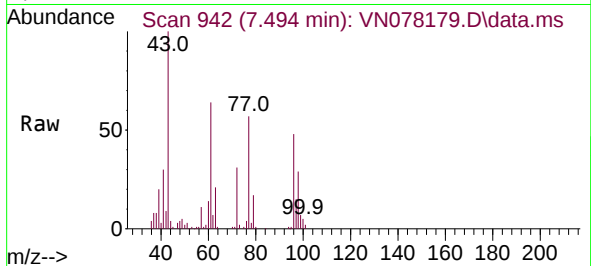
Tgt Ion: 77 Resp: 137872
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.751 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50

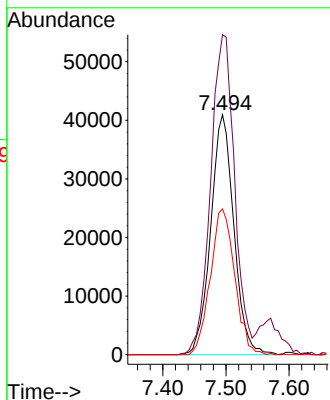
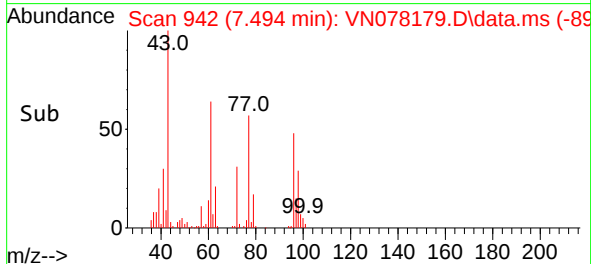
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01



Tgt Ion: 96 Resp: 10439
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 255.2
 98 63.8 0.0 128.8

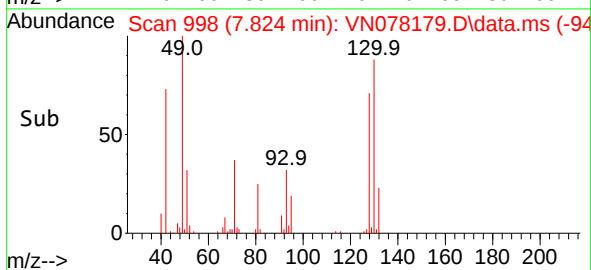
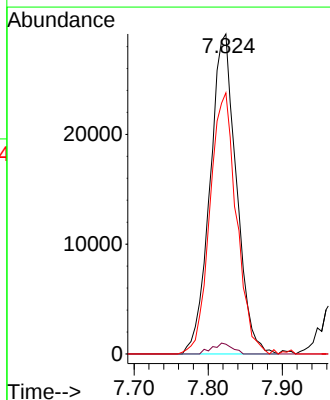
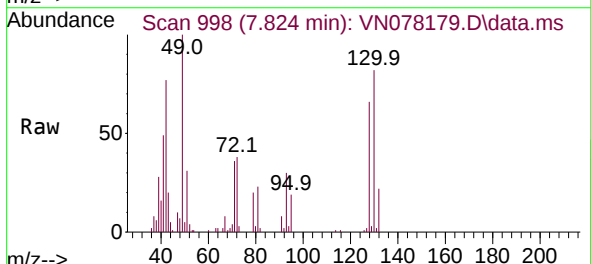
Manual Integrations
 APPROVED

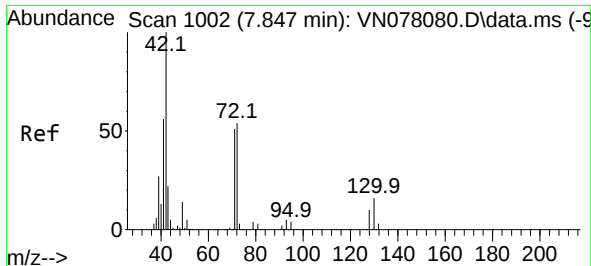
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#28
 Bromochloromethane
 Concen: 18.158 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50

Tgt Ion: 49 Resp: 72188
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 81.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.419 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

Tgt Ion: 42 Resp: 152634

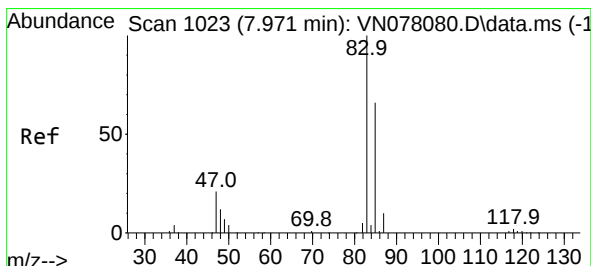
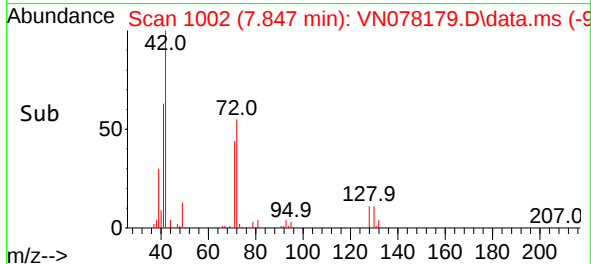
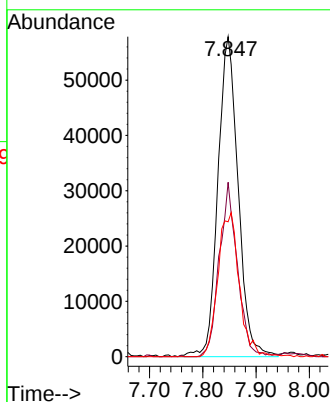
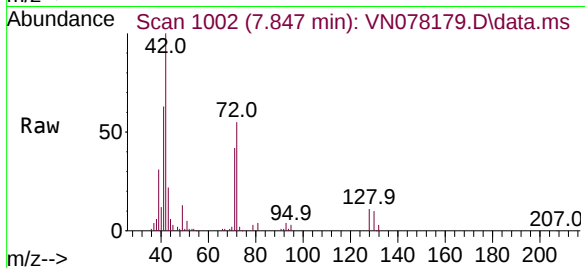
Ion	Ratio	Lower	Upper
42	100		
72	48.8	49.8	74.6
71	47.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#30

Chloroform

Concen: 18.951 ug/l

RT: 7.971 min Scan# 1023

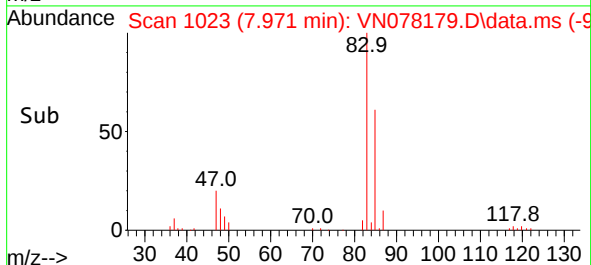
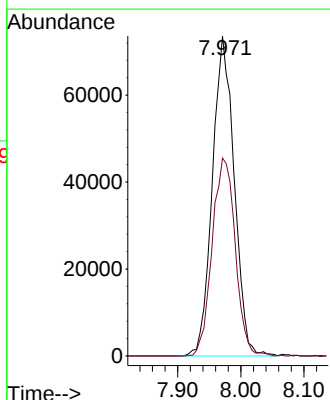
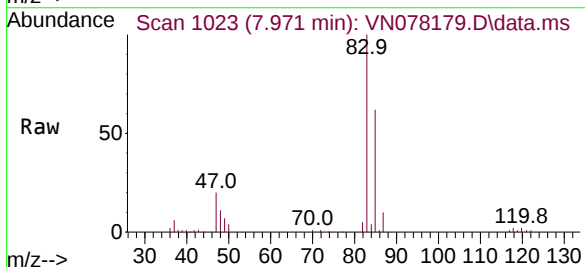
Delta R.T. 0.000 min

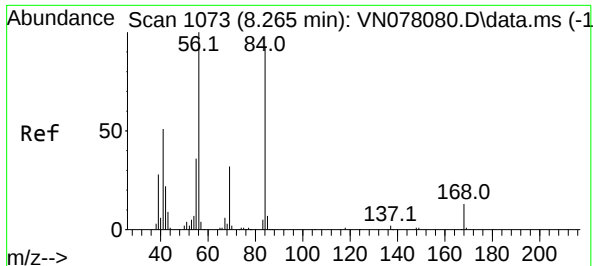
Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Tgt Ion: 83 Resp: 176699

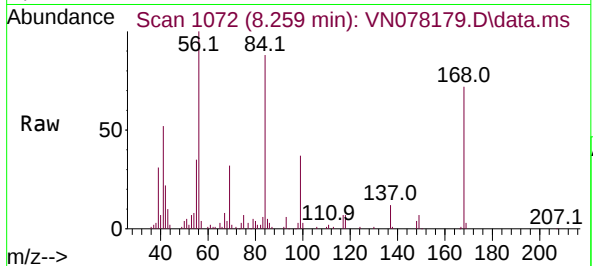
Ion	Ratio	Lower	Upper
83	100		
85	61.8	55.4	83.0





#31
Cyclohexane
Concen: 17.270 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

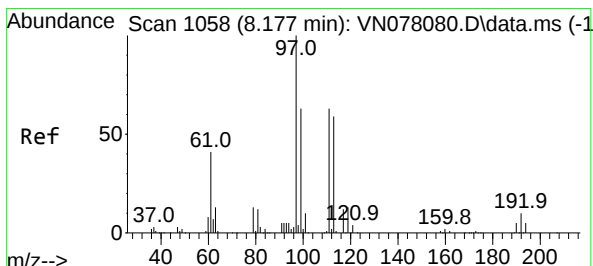
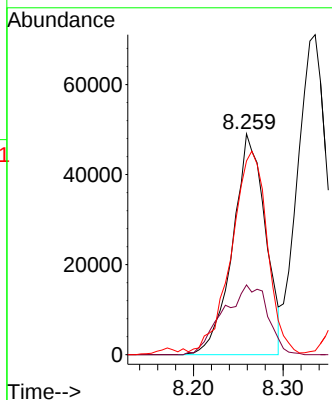
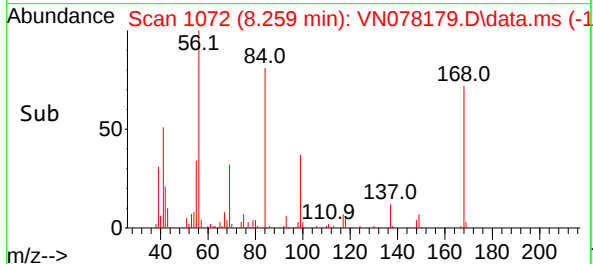
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



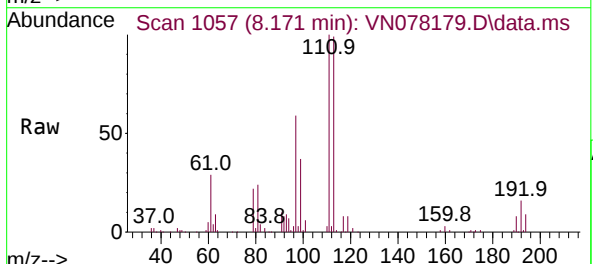
Tgt Ion: 56 Resp: 12365
Ion Ratio Lower Upper
56 100
69 31.6 26.8 40.2
84 86.4 81.8 122.6

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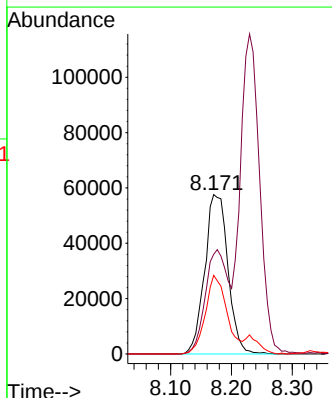
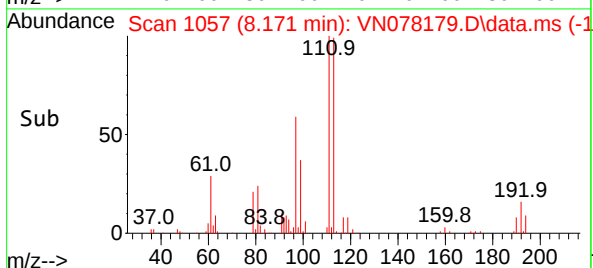
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

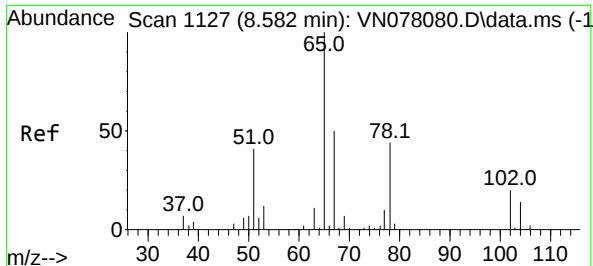


#32
1,1,1-Trichloroethane
Concen: 18.642 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion: 97 Resp: 152603
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 46.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.933 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

Tgt Ion: 65 Resp: 28428

Ion Ratio Lower Upper

65 100

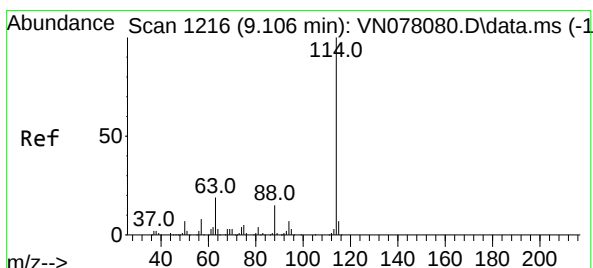
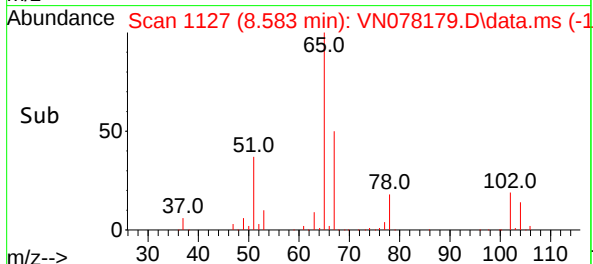
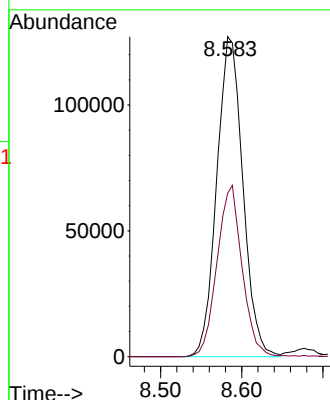
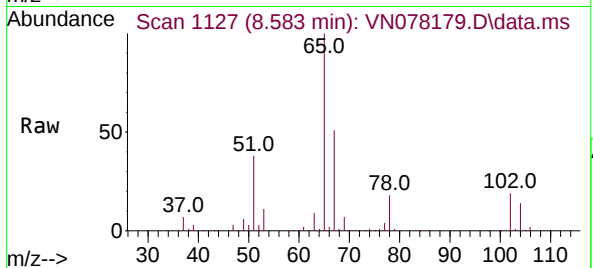
67 51.5 0.0 106.6

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: VN078179.D

Acq: 13 Jun 2023 11:50

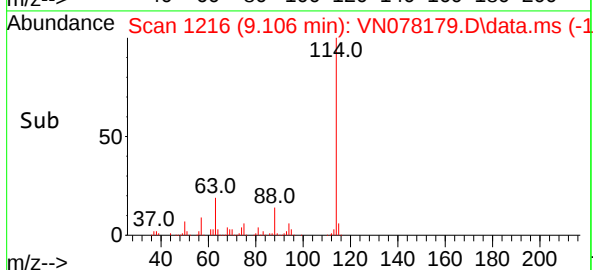
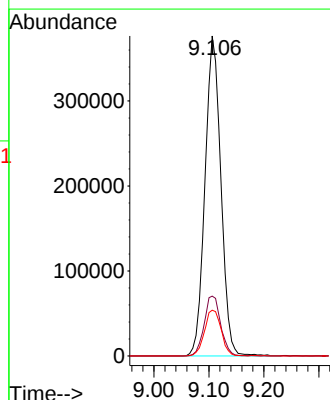
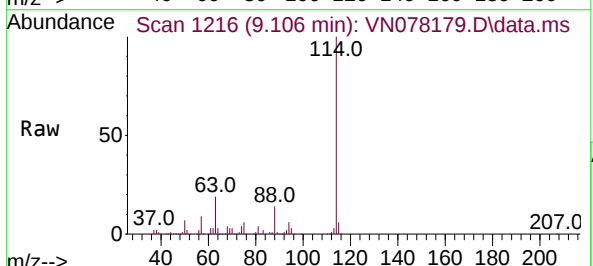
Tgt Ion:114 Resp: 756986

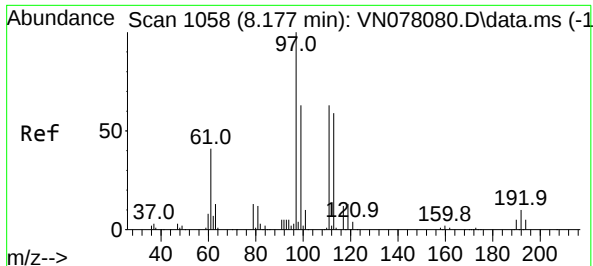
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

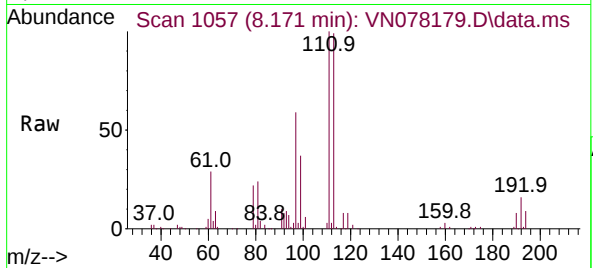
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.811 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

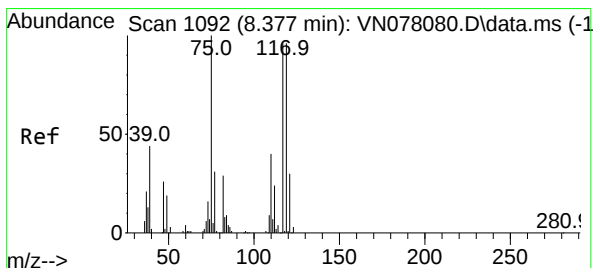
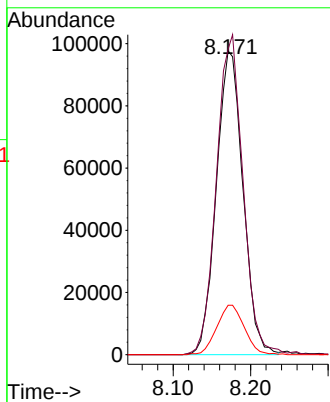
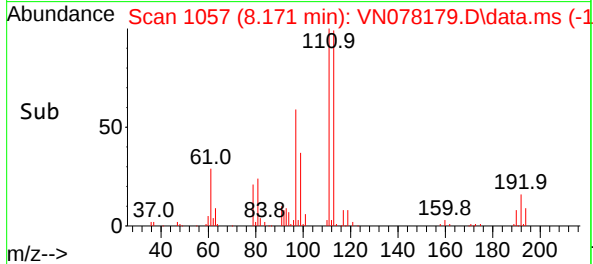
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



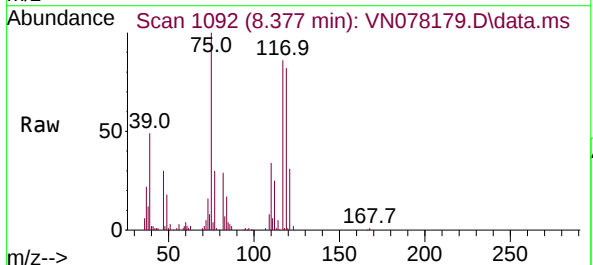
Tgt Ion: 113 Resp: 233624
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 16.9 12.7 19.1

Manual Integrations
APPROVED

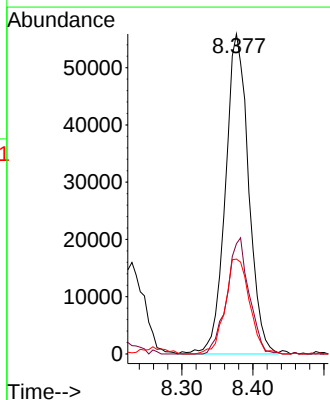
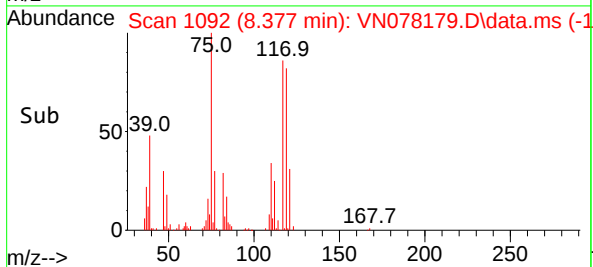
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

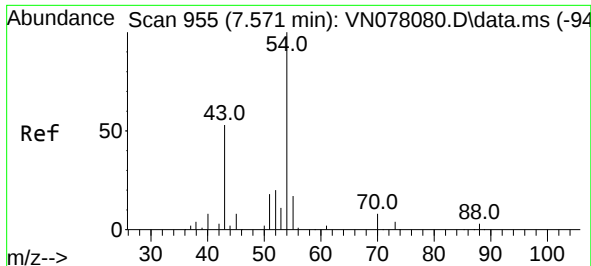


#36
1,1-Dichloropropene
Concen: 18.460 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion: 75 Resp: 126735
Ion Ratio Lower Upper
75 100
110 34.9 19.1 57.3
77 31.4 25.0 37.4





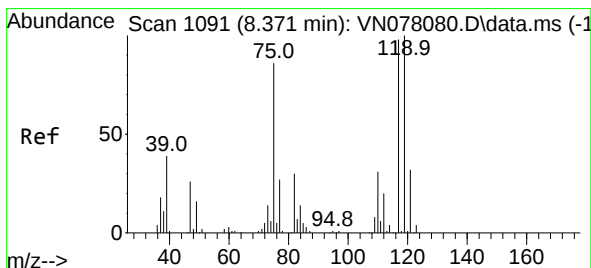
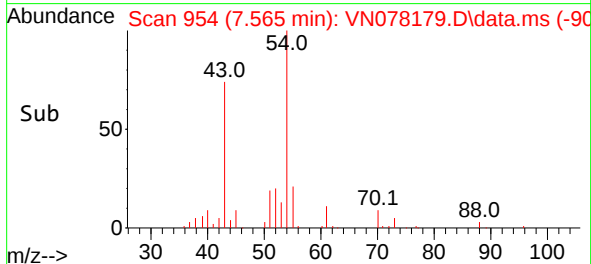
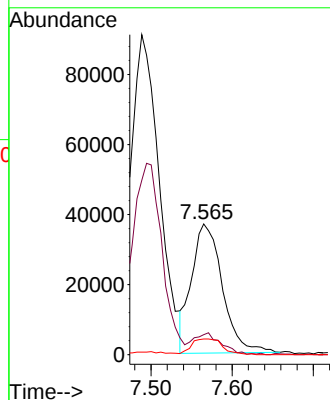
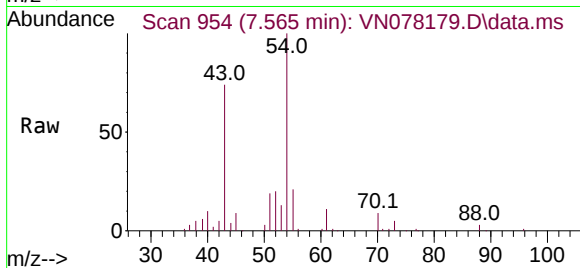
#37
Ethyl Acetate
Concen: 18.190 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 43 Resp: 9755
Ion Ratio Lower Upper
43 100
61 15.5 13.2 19.8
70 12.3 11.3 16.9

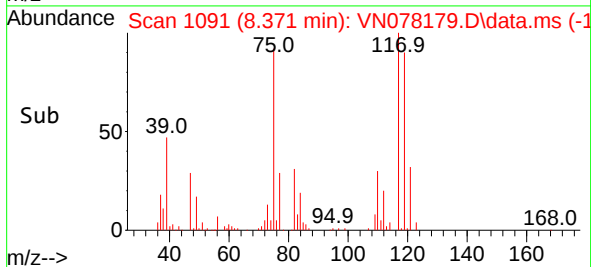
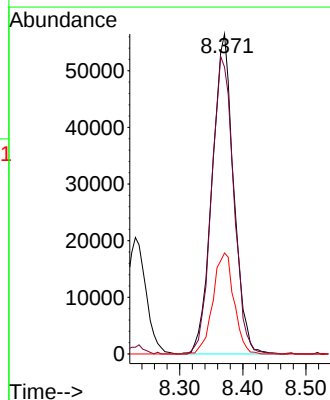
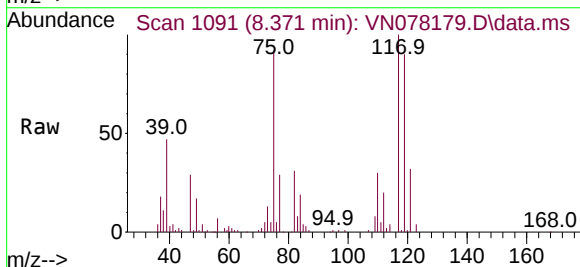
Manual Integrations
APPROVED

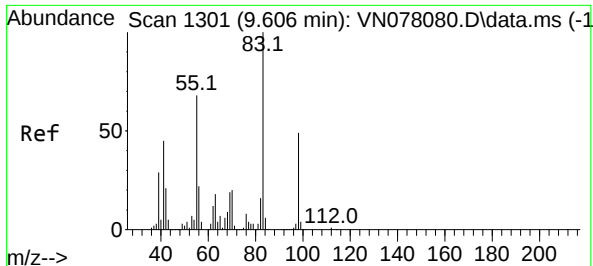
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#38
Carbon Tetrachloride
Concen: 18.432 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion:117 Resp: 133621
Ion Ratio Lower Upper
117 100
119 89.6 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 17.598 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

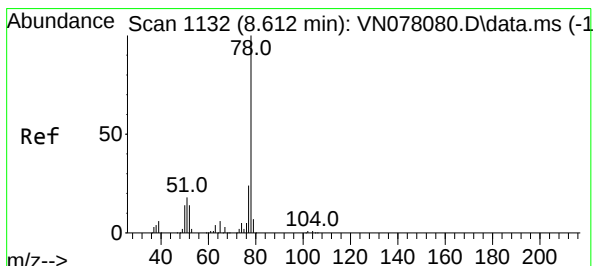
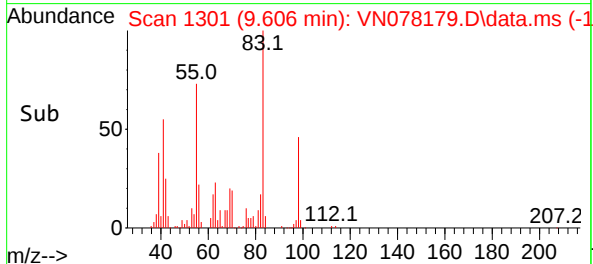
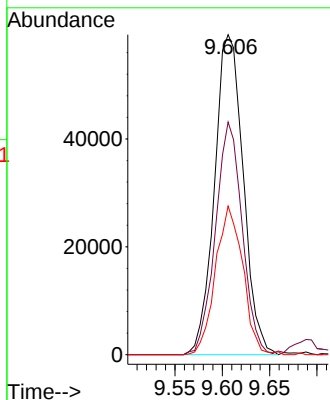
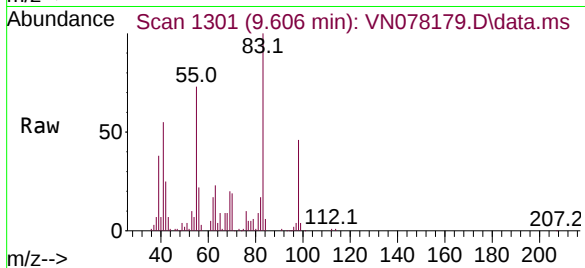
Tgt Ion:	83	Resp:	12520
Ion Ratio	Lower	Upper	
83	100		
55	72.7	49.1	73.7
98	46.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#40

Benzene

Concen: 18.691 ug/l

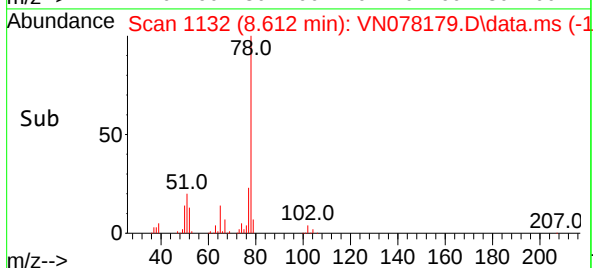
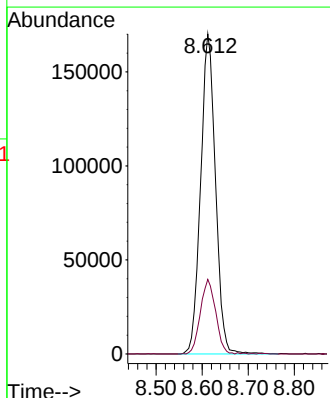
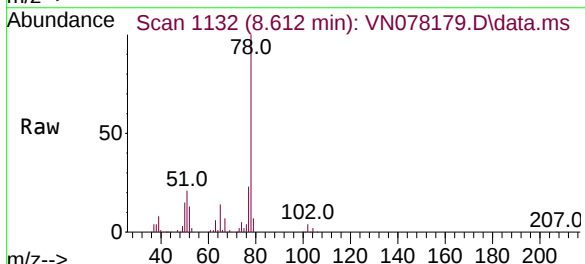
RT: 8.612 min Scan# 1132

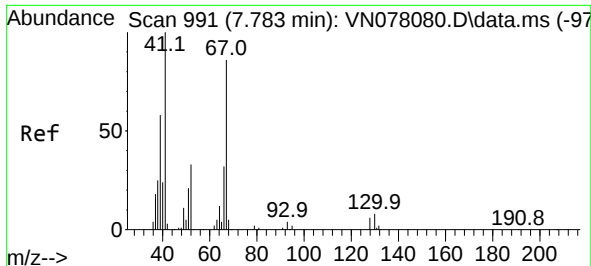
Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

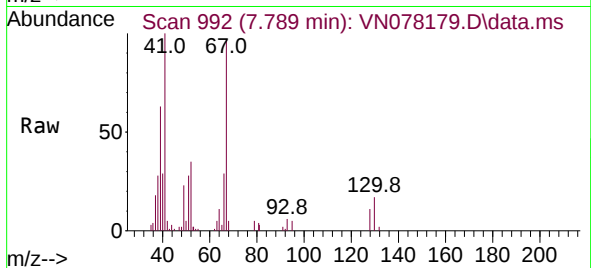
Tgt Ion:	78	Resp:	383095
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 17.662 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

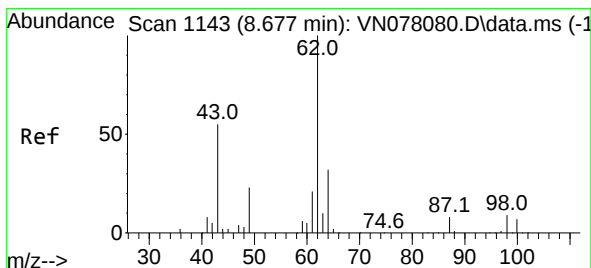
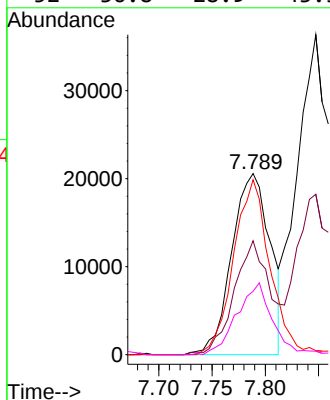
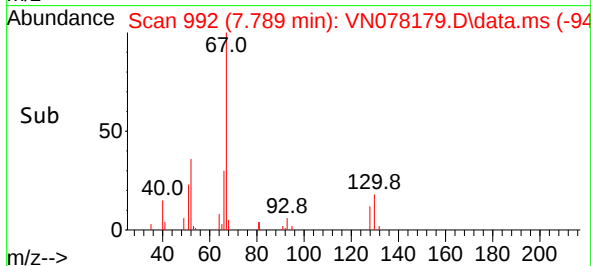
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 41 Resp: 51344
Ion Ratio Lower Upper
41 100
39 61.5 42.6 64.0
67 92.3 77.5 116.3
52 36.8 28.9 43.3

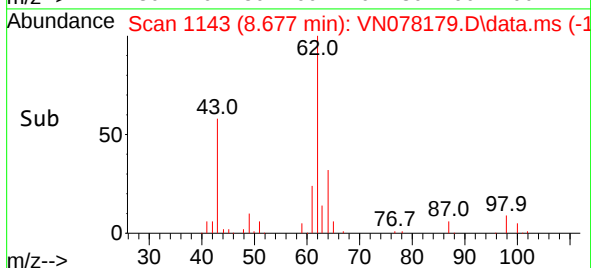
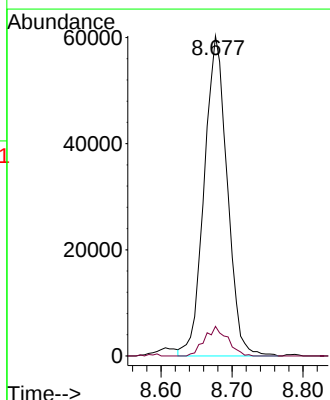
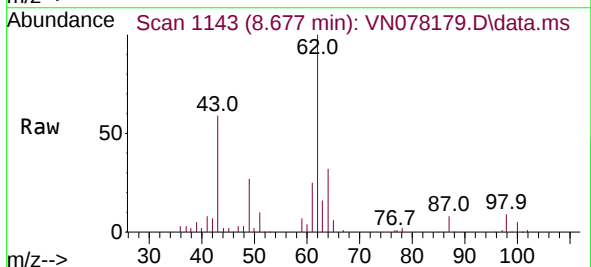
Manual Integrations
APPROVED

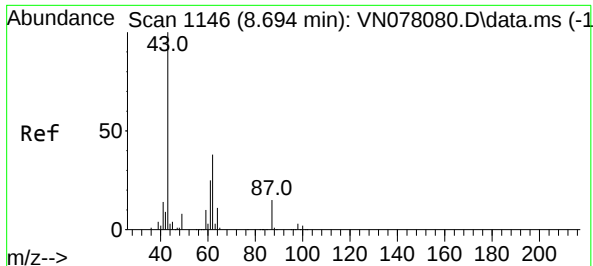
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#42
1,2-Dichloroethane
Concen: 19.310 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

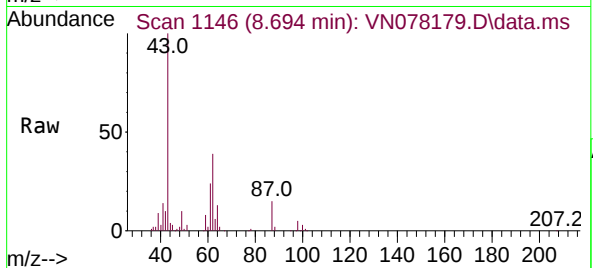
Tgt Ion: 62 Resp: 135703
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.014 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

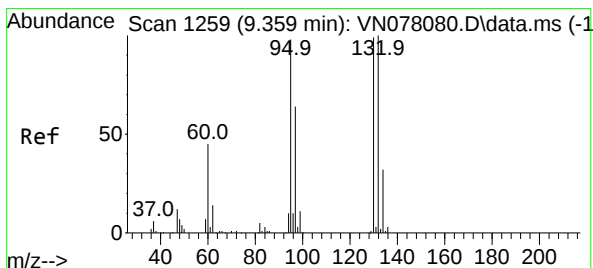
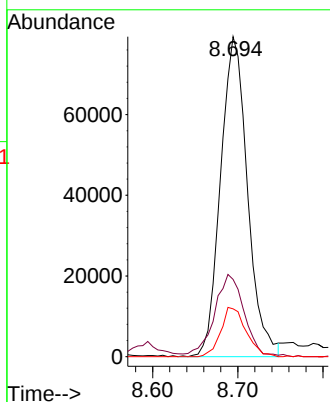
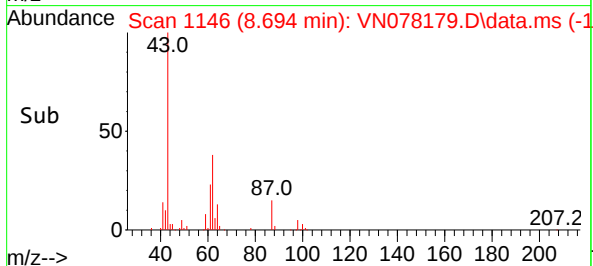
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 43 Resp: 174514
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 14.4 14.6 21.8

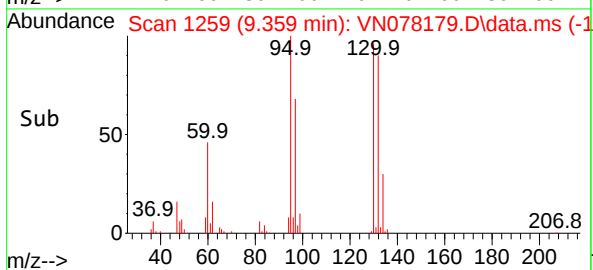
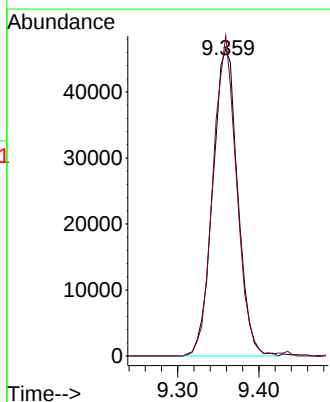
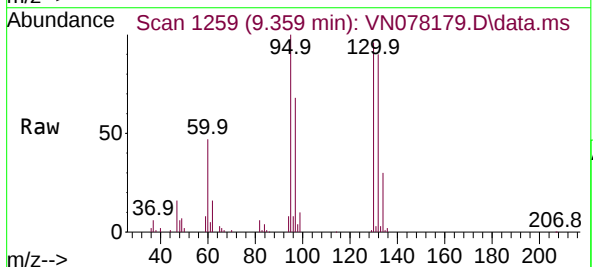
Manual Integrations
APPROVED

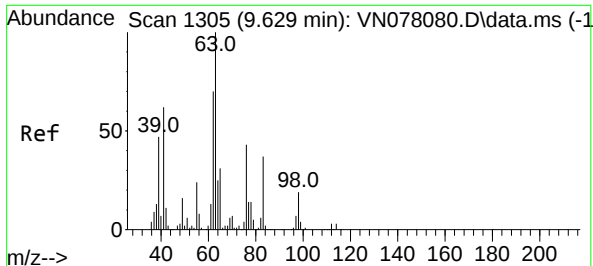
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#44
Trichloroethene
Concen: 18.335 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion:130 Resp: 99242
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.096 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

Tgt Ion: 63 Resp: 97379

Ion Ratio Lower Upper

63 100

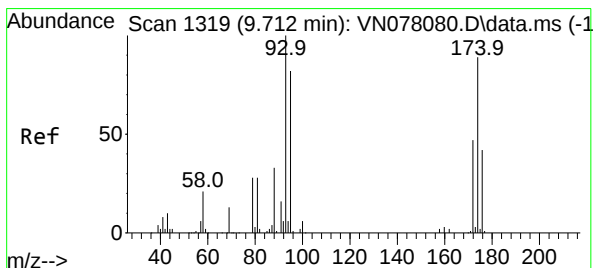
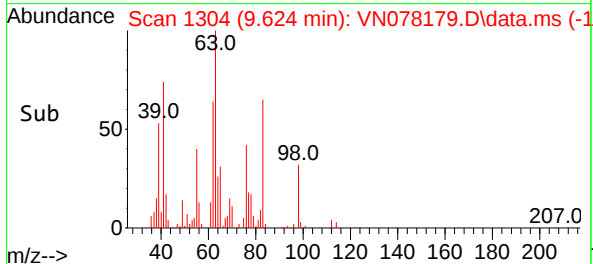
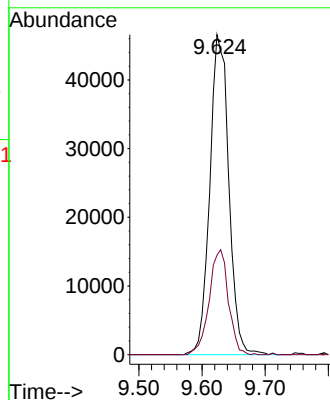
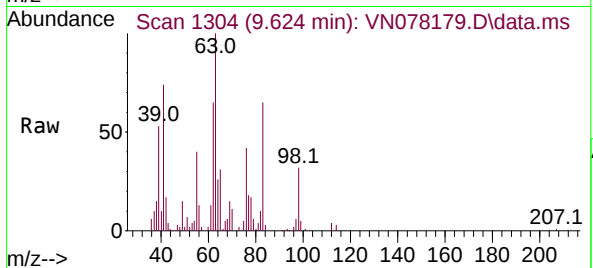
65 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#46

Dibromomethane

Concen: 18.833 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

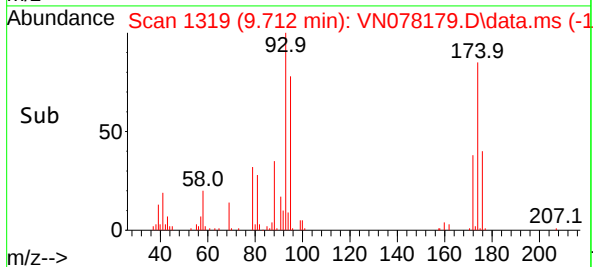
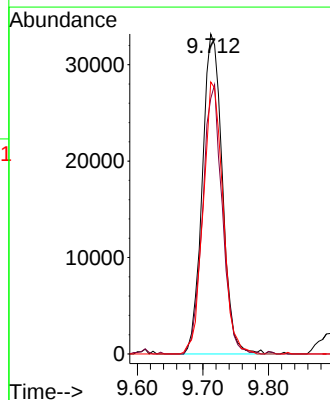
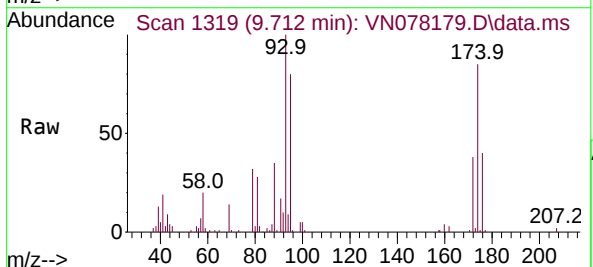
Tgt Ion: 93 Resp: 70738

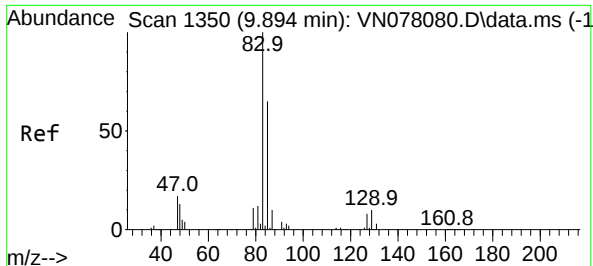
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

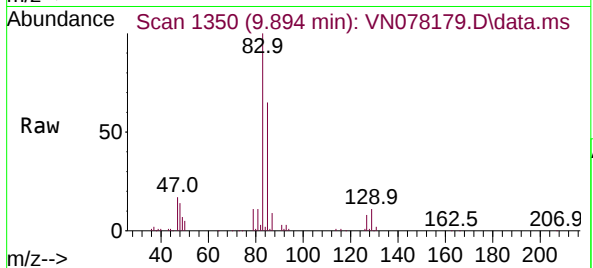
174 83.7 65.6 98.4





#47
Bromodichloromethane
Concen: 20.185 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

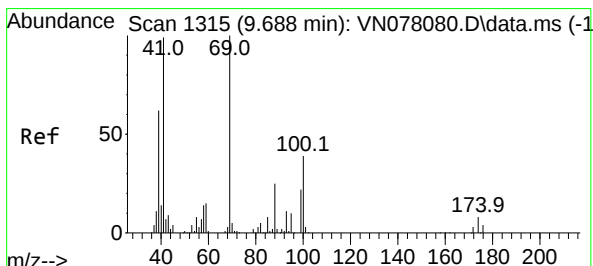
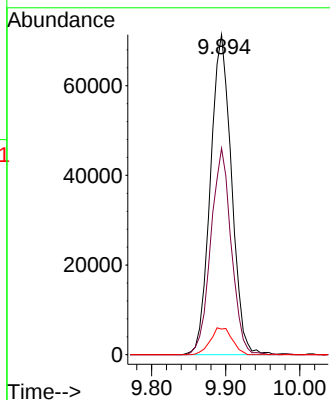
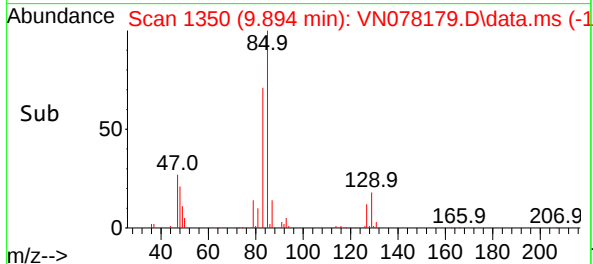
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 83 Resp: 140829
Ion Ratio Lower Upper
83 100
85 64.5 49.6 74.4
127 8.0 7.0 10.6

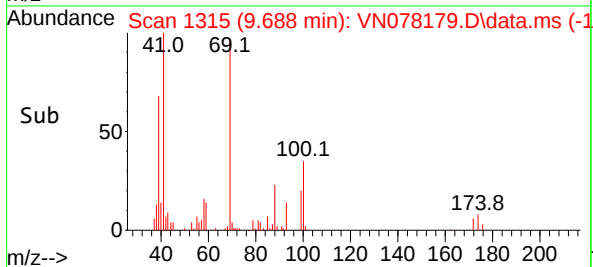
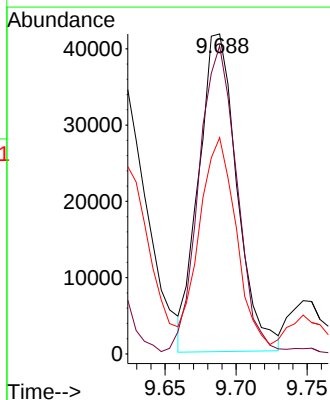
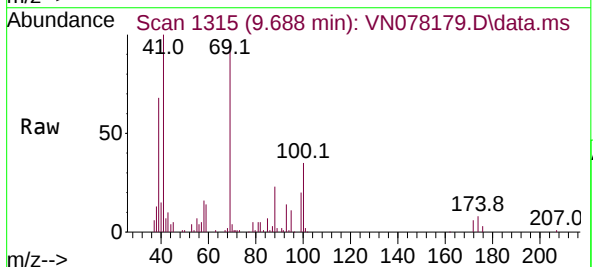
Manual Integrations
APPROVED

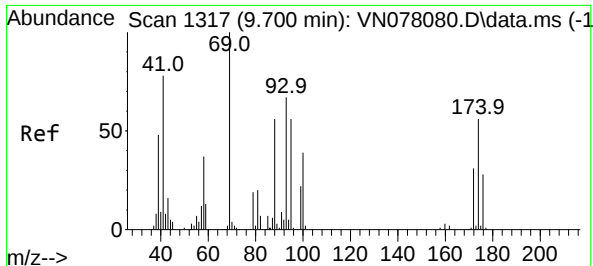
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#48
Methyl methacrylate
Concen: 18.178 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion: 41 Resp: 78246
Ion Ratio Lower Upper
41 100
69 94.8 90.4 135.6
39 66.4 54.6 81.8





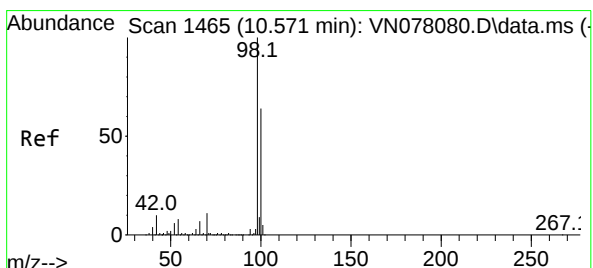
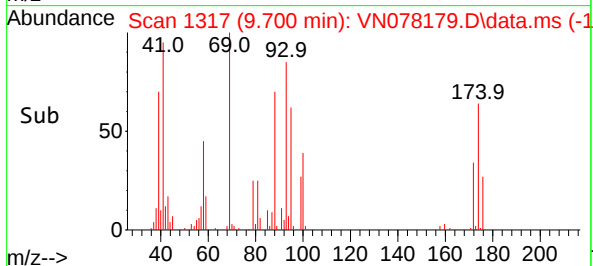
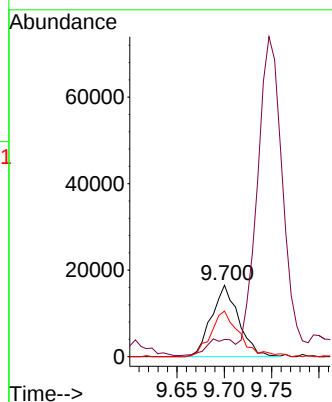
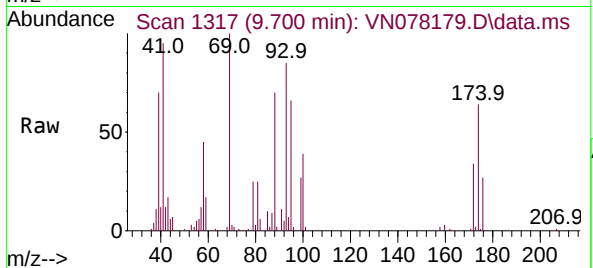
#49
1,4-Dioxane
Concen: 364.820 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 88 Resp: 3300
Ion Ratio Lower Upper
88 100
43 22.9 17.0 25.6
58 67.8 47.0 70.4

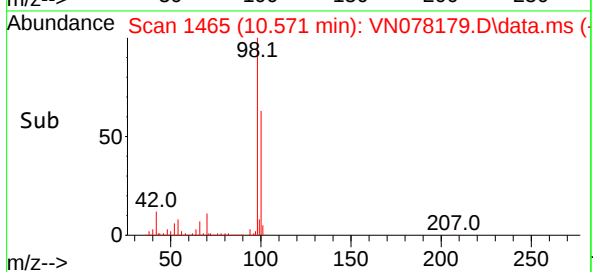
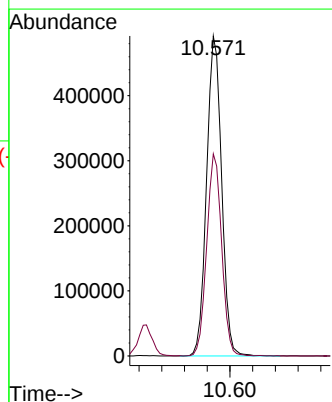
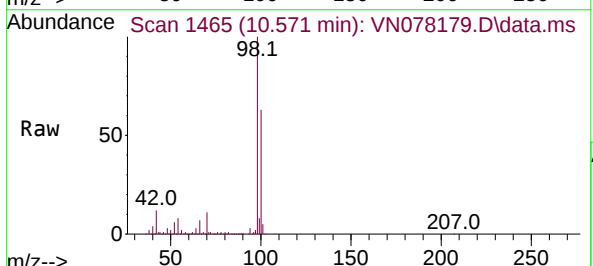
Manual Integrations
APPROVED

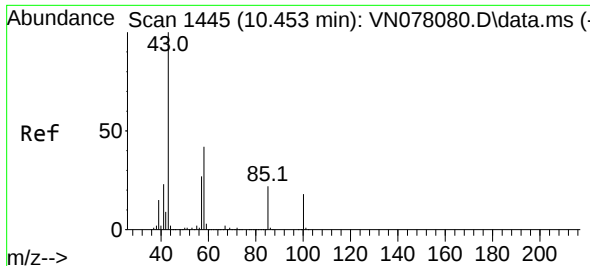
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#50
Toluene-d8
Concen: 48.806 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion: 98 Resp: 900555
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0





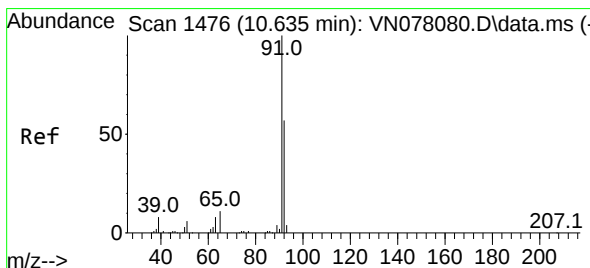
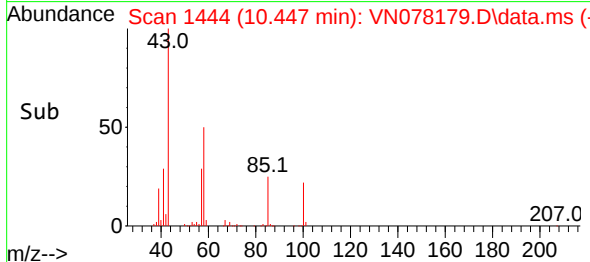
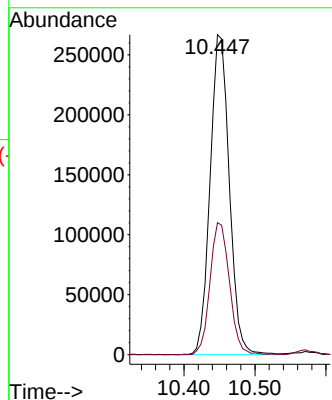
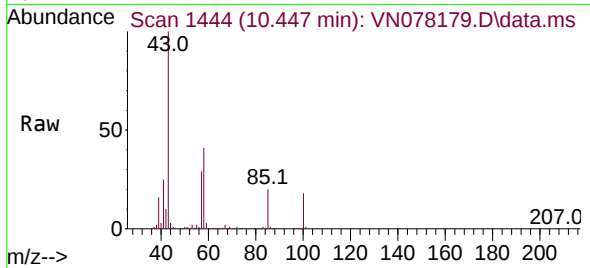
#51
4-Methyl-2-Pentanone
Concen: 92.936 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 43 Resp: 501968
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

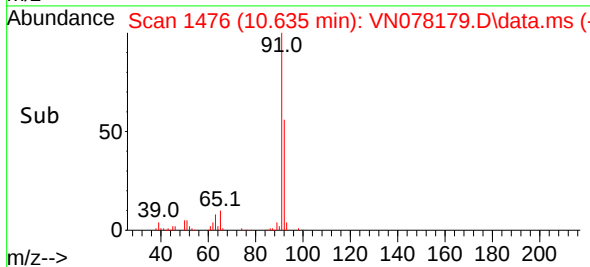
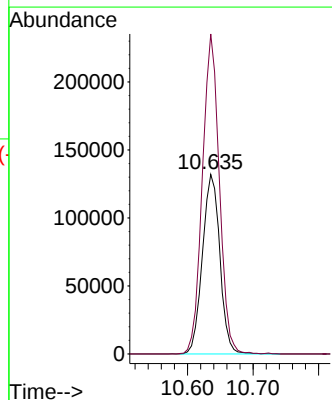
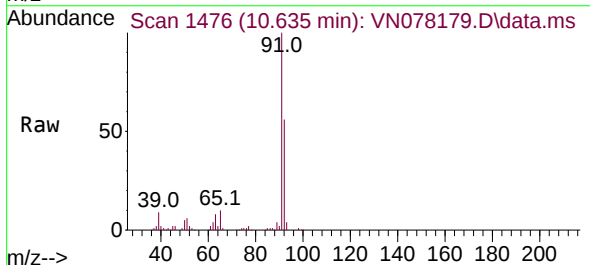
Manual Integrations
APPROVED

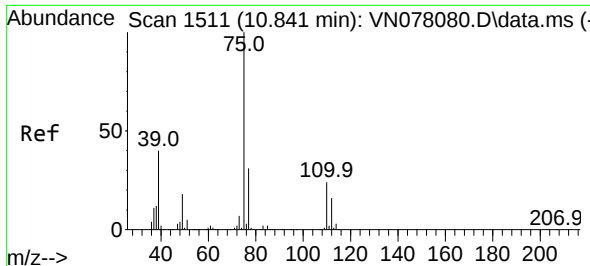
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#52
Toluene
Concen: 18.900 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

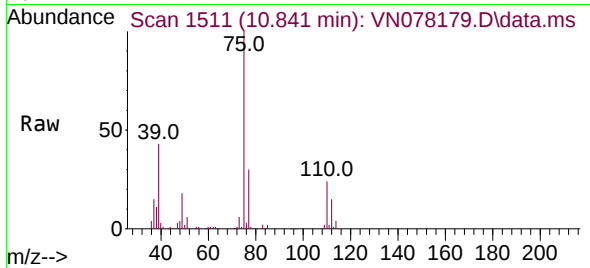
Tgt Ion: 92 Resp: 244579
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.058 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50

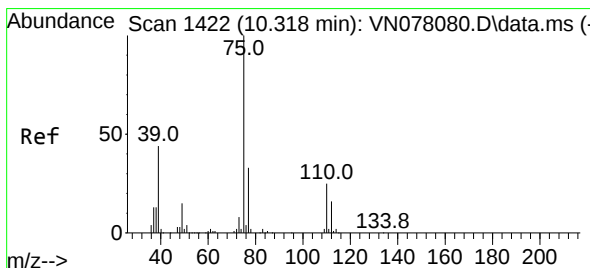
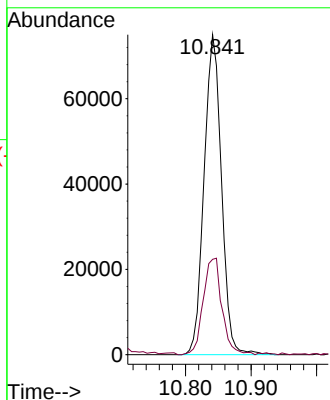
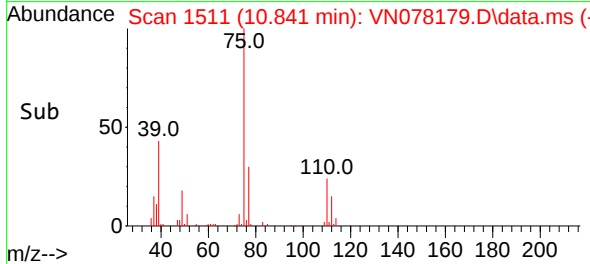
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01



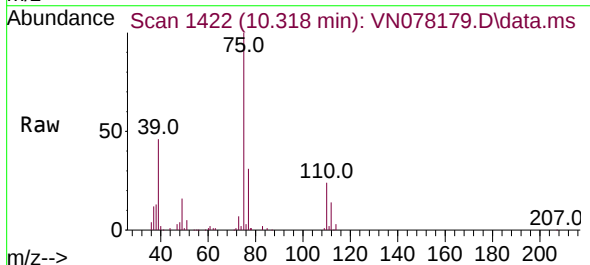
Tgt Ion: 75 Resp: 138478
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0

Manual Integrations
 APPROVED

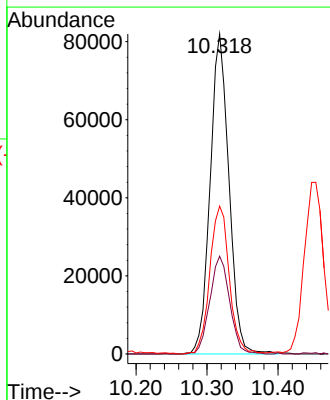
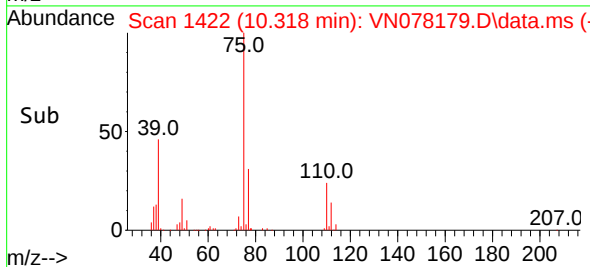
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

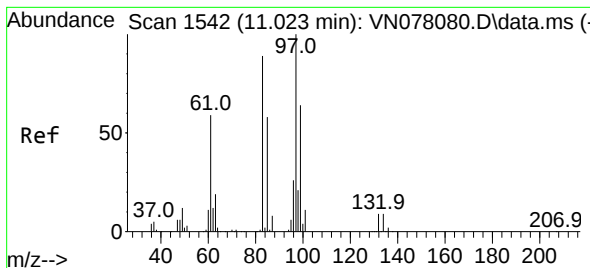


#54
 cis-1,3-Dichloropropene
 Concen: 18.718 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50



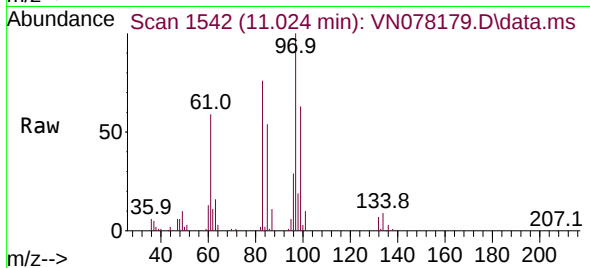
Tgt Ion: 75 Resp: 150350
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.1 39.1
 39 46.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.430 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

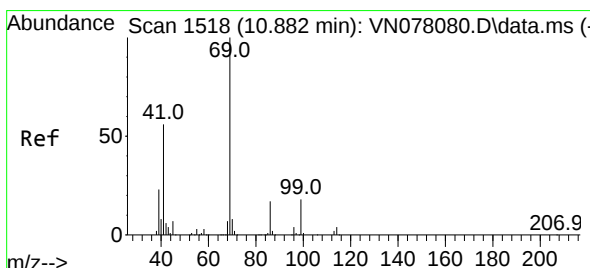
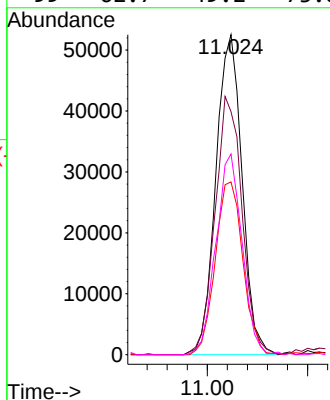
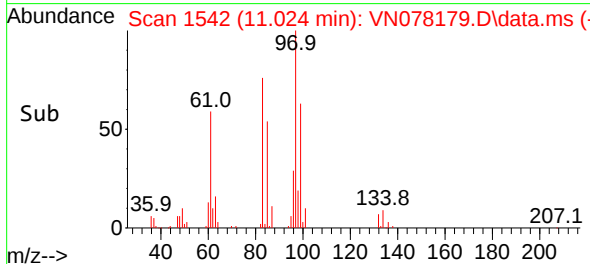
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



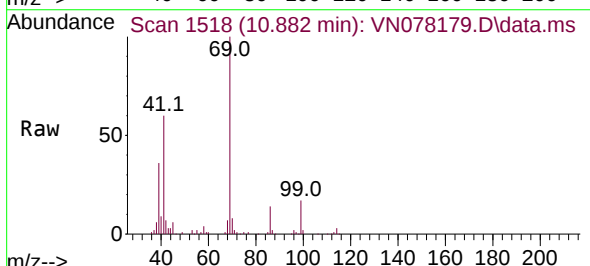
Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.9	65.1	97.7
85	54.0	43.4	65.2
99	62.7	49.2	73.8

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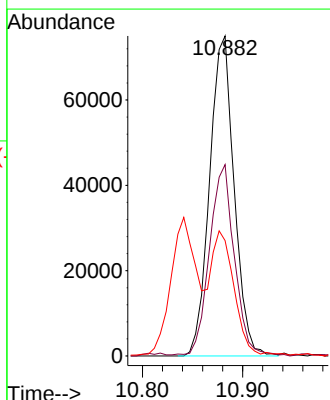
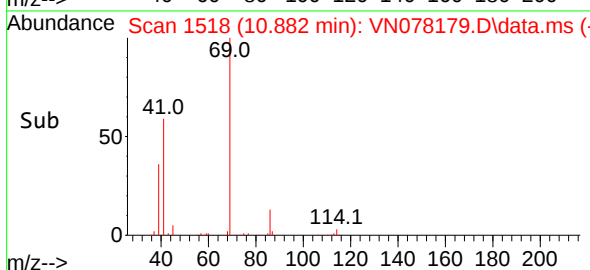
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#56
Ethyl methacrylate
Concen: 17.902 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.8	39.6	59.4
39	38.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.008 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

Tgt Ion: 76 Resp: 157069

Ion Ratio Lower Upper

76 100

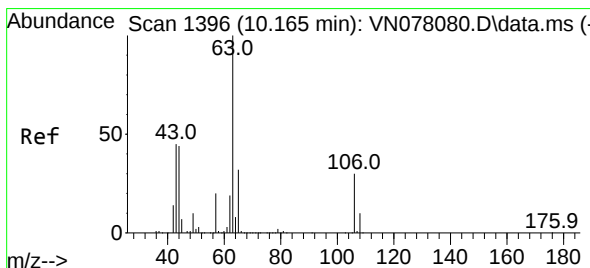
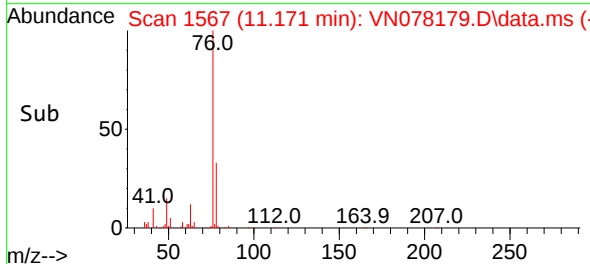
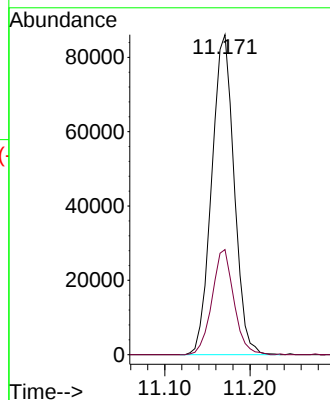
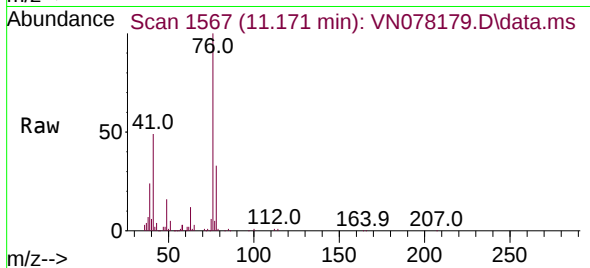
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.711 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078179.D

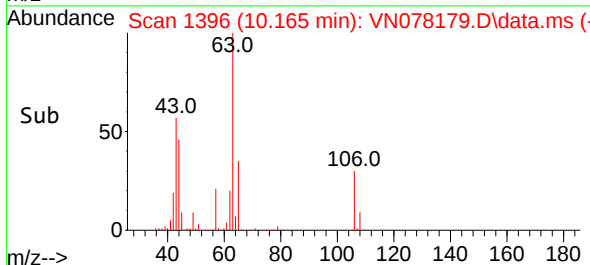
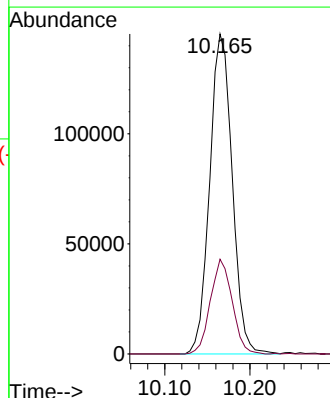
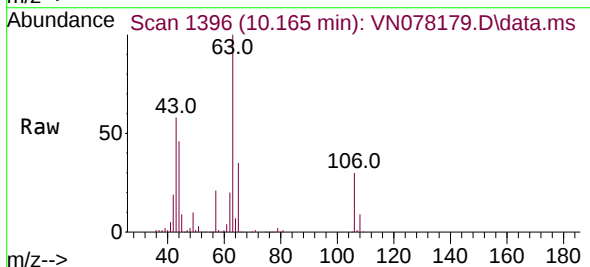
Acq: 13 Jun 2023 11:50

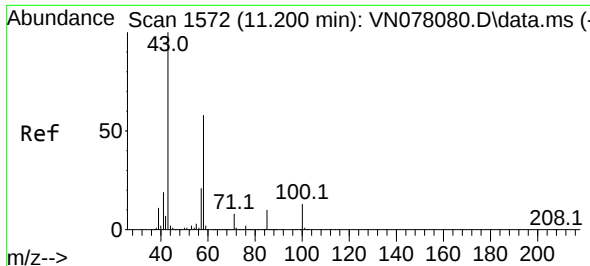
Tgt Ion: 63 Resp: 266961

Ion Ratio Lower Upper

63 100

106 28.7 26.2 39.4





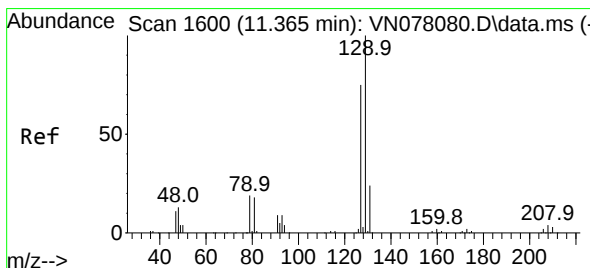
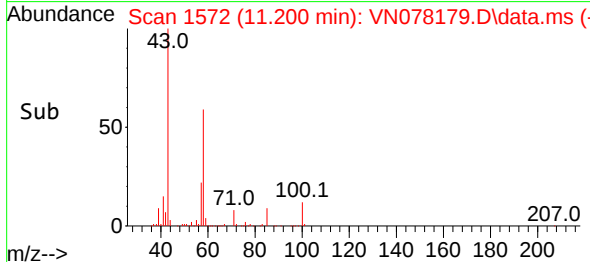
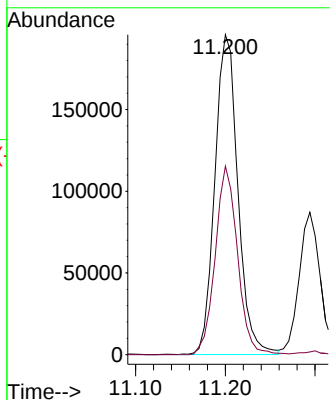
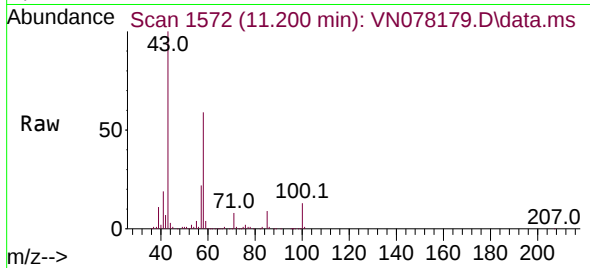
#59
2-Hexanone
Concen: 92.584 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 43 Resp: 348192
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1

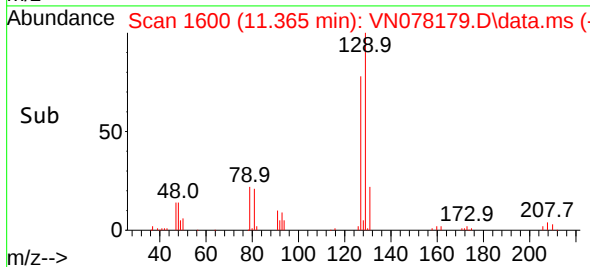
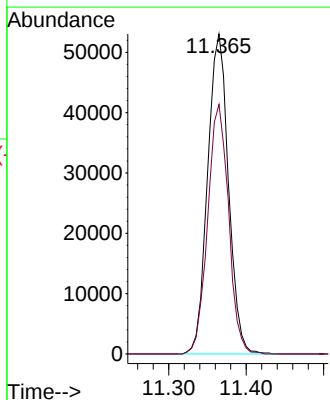
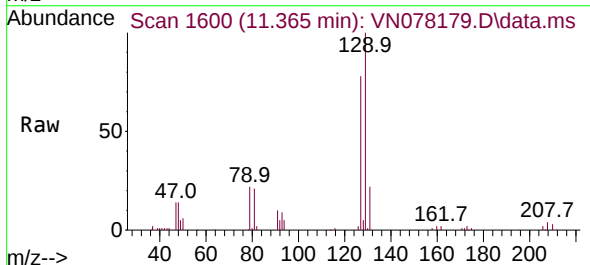
Manual Integrations
APPROVED

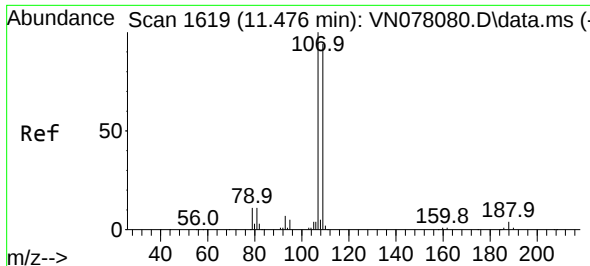
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#60
Dibromochloromethane
Concen: 18.507 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion:129 Resp: 99140
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





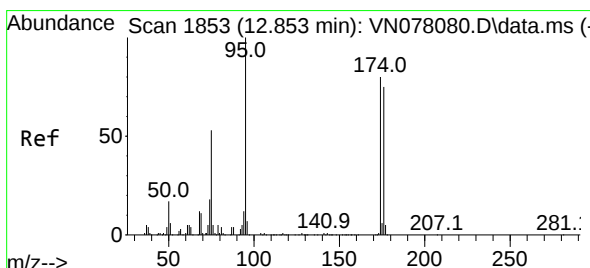
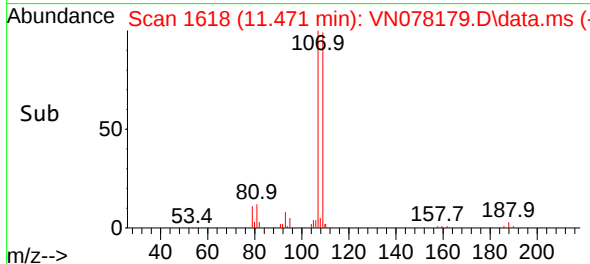
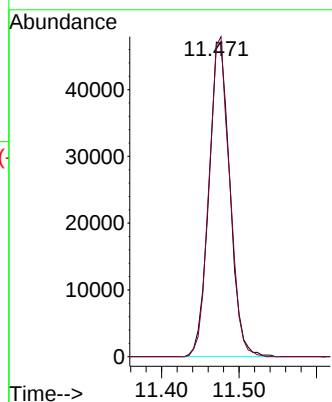
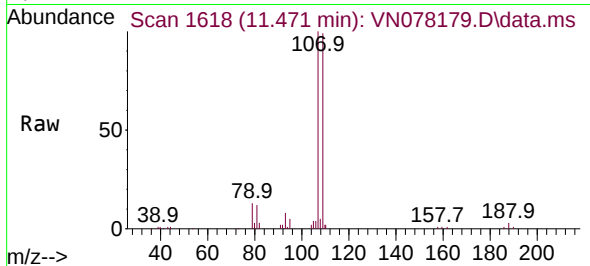
#61
1,2-Dibromoethane
Concen: 17.325 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion:107 Resp: 89000
Ion Ratio Lower Upper
107 100
109 99.3 76.6 114.8

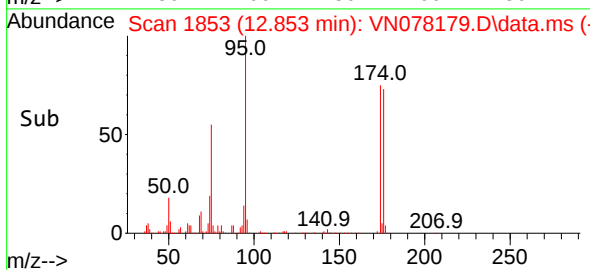
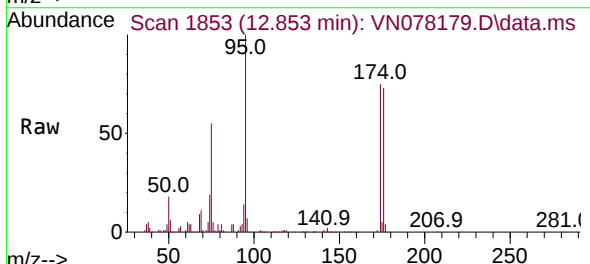
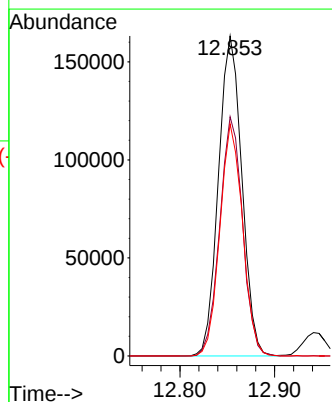
Manual Integrations
APPROVED

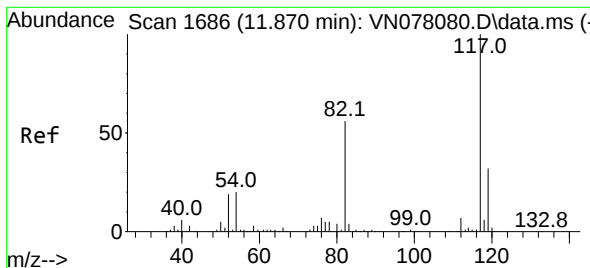
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#62
4-Bromofluorobenzene
Concen: 48.906 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

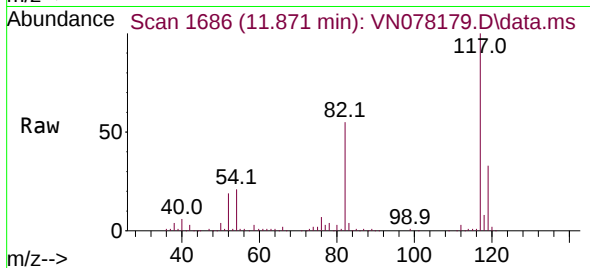
Tgt Ion: 95 Resp: 280534
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

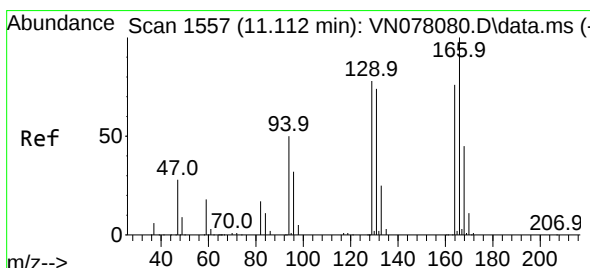
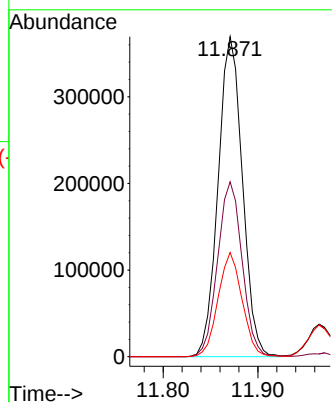
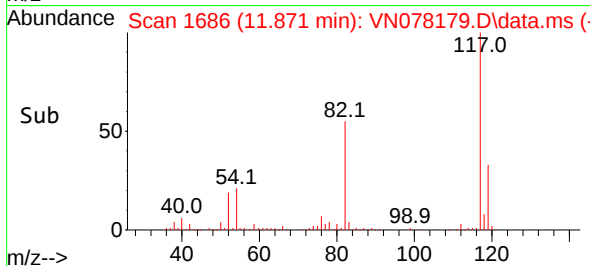
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion:117 Resp: 659424
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.6 25.6 38.4

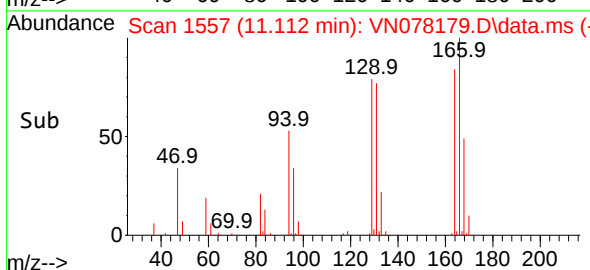
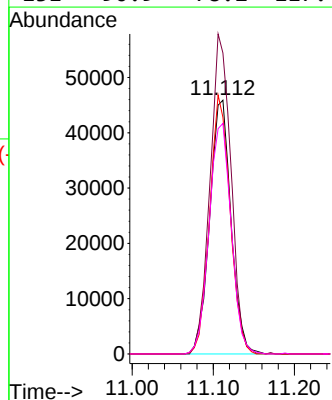
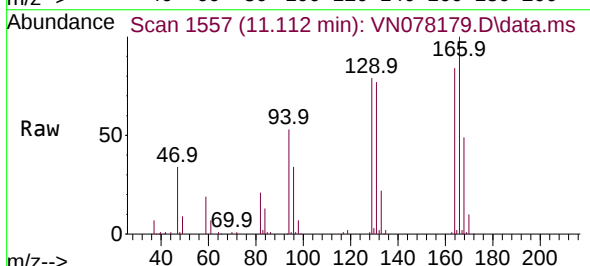
Manual Integrations
APPROVED

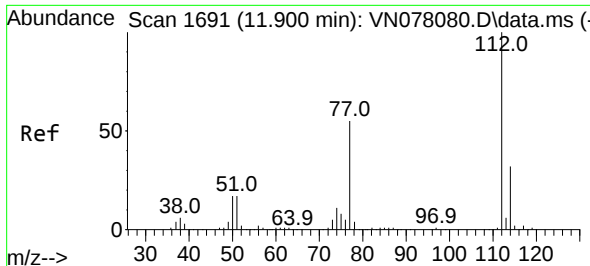
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#64
Tetrachloroethene
Concen: 19.005 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

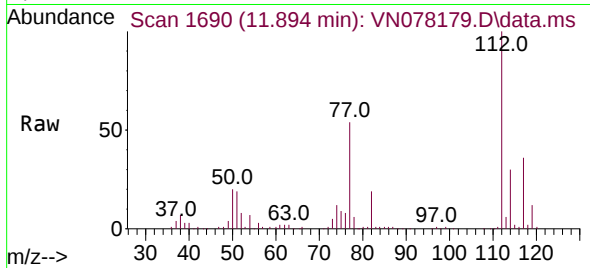
Tgt Ion:164 Resp: 83607
Ion Ratio Lower Upper
164 100
166 118.5 101.4 152.0
129 93.2 82.4 123.6
131 90.9 78.2 117.4





#65
Chlorobenzene
Concen: 18.008 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

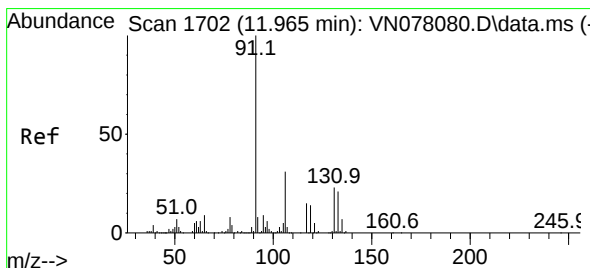
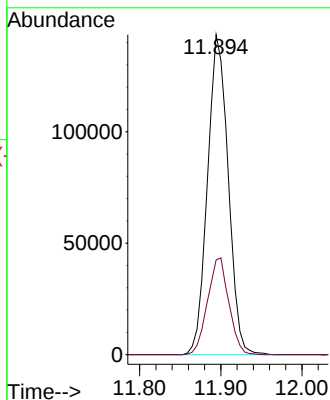
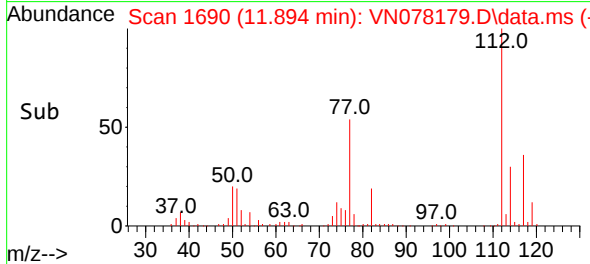
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion:112 Resp: 254310
Ion Ratio Lower Upper
112 100
114 29.6 25.0 37.4

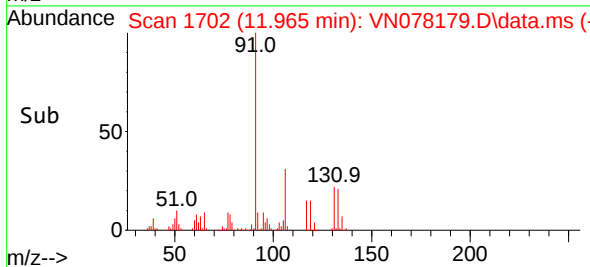
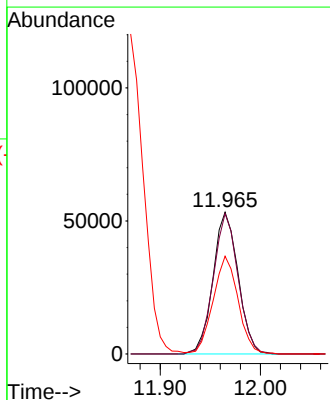
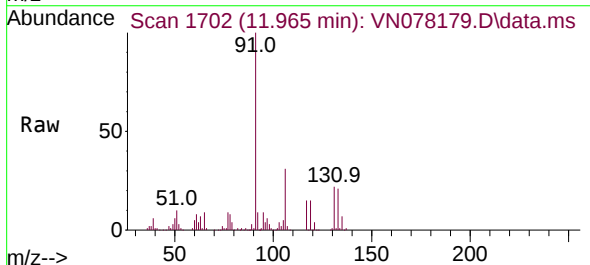
Manual Integrations
APPROVED

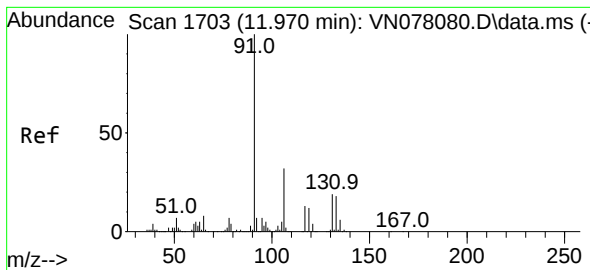
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.791 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

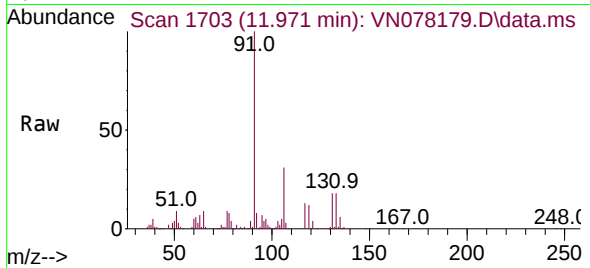
Tgt Ion:131 Resp: 92407
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 68.8 34.1 102.2





#67
Ethyl Benzene
Concen: 18.227 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

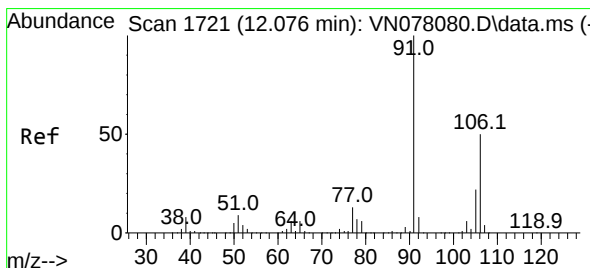
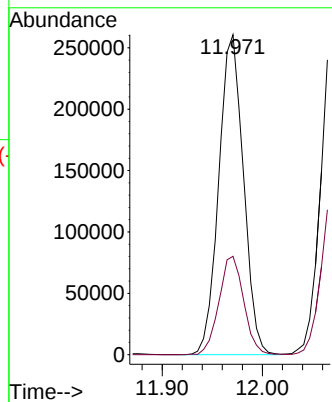
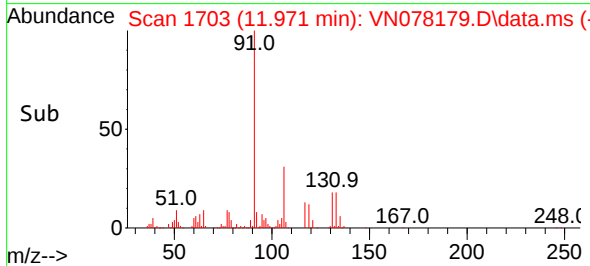
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



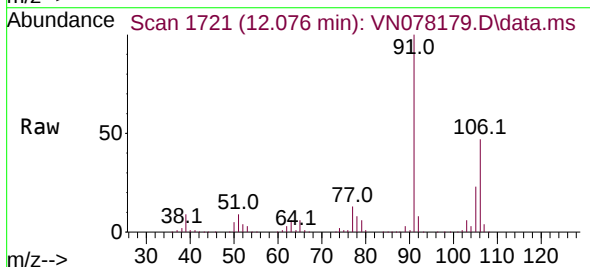
Tgt Ion: 91 Resp: 44414
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

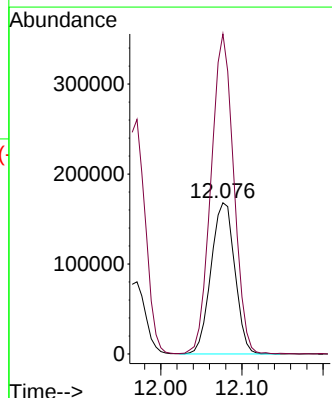
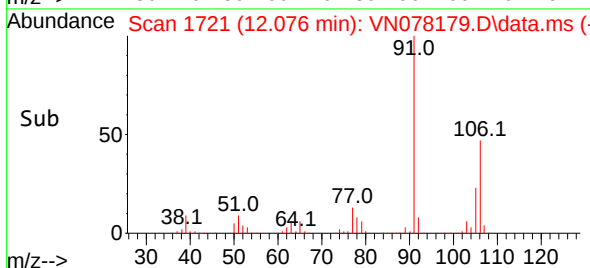
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

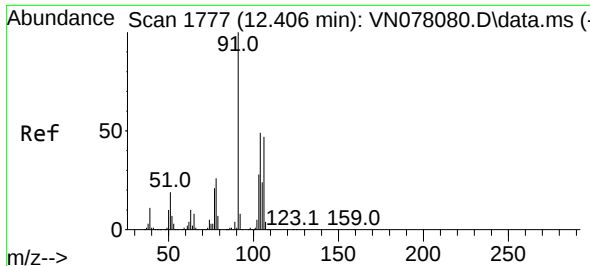


#68
m/p-Xylenes
Concen: 36.891 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion:106 Resp: 342584
Ion Ratio Lower Upper
106 100
91 201.2 159.6 239.4





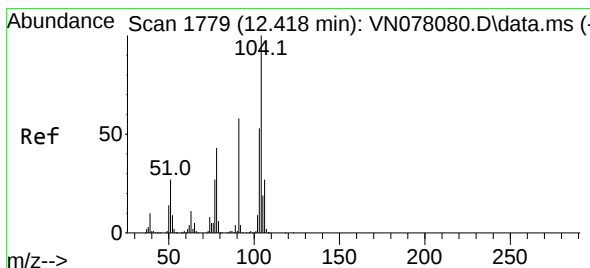
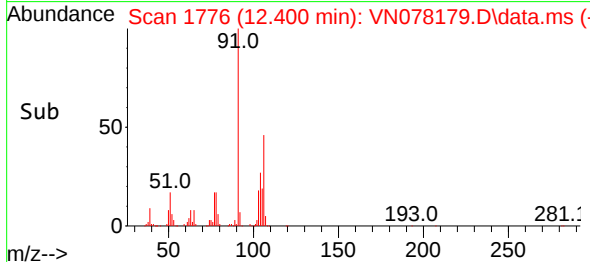
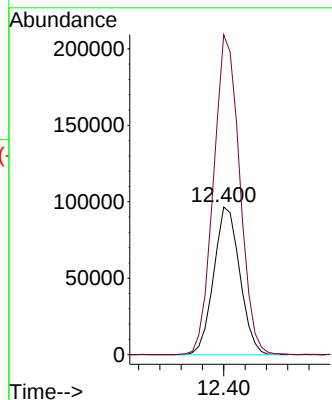
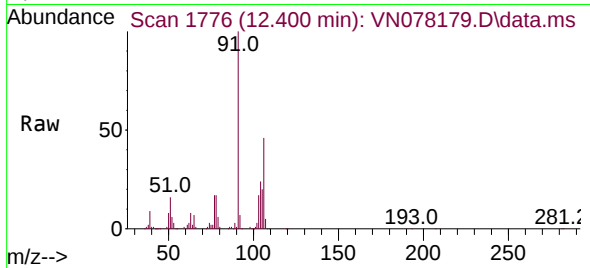
#69
o-Xylene
Concen: 17.999 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion:106 Resp: 164140
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5

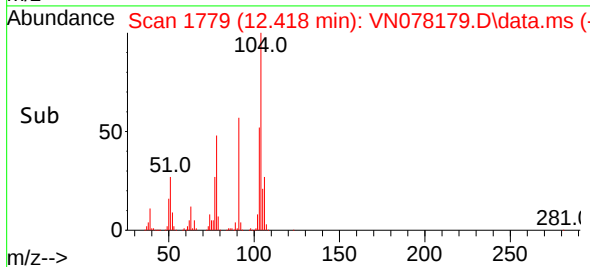
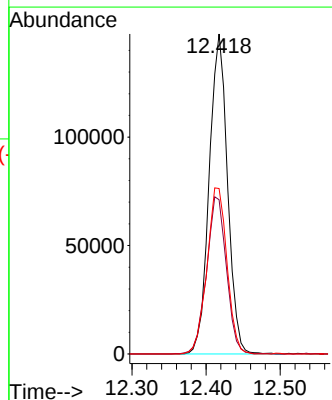
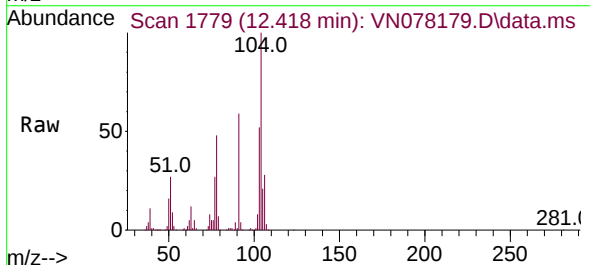
Manual Integrations
APPROVED

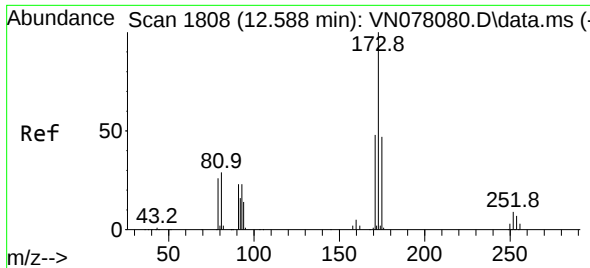
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#70
Styrene
Concen: 17.642 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

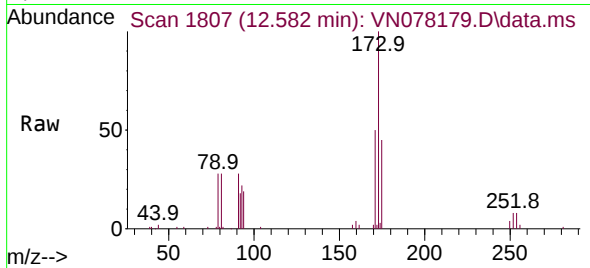
Tgt Ion:104 Resp: 253280
Ion Ratio Lower Upper
104 100
78 53.4 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 17.749 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

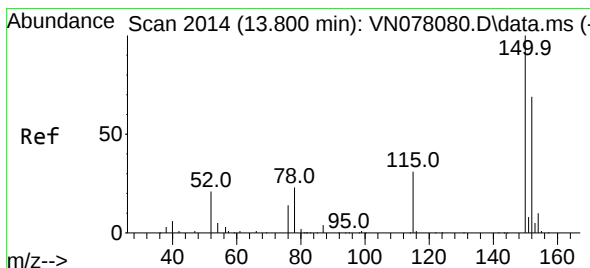
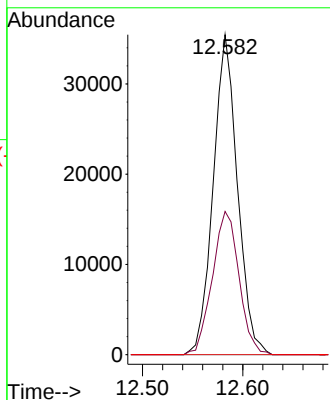
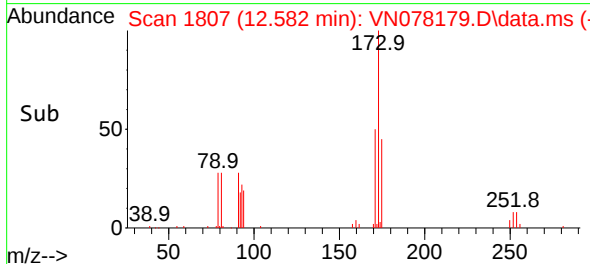
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion:173 Resp: 5949
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

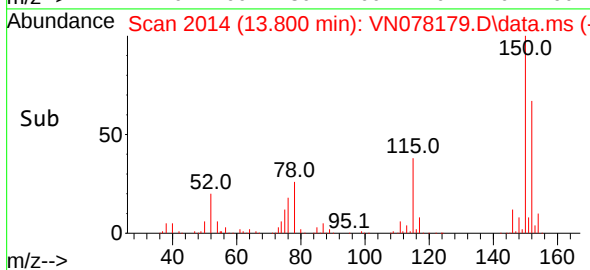
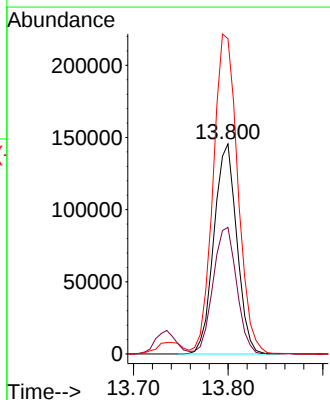
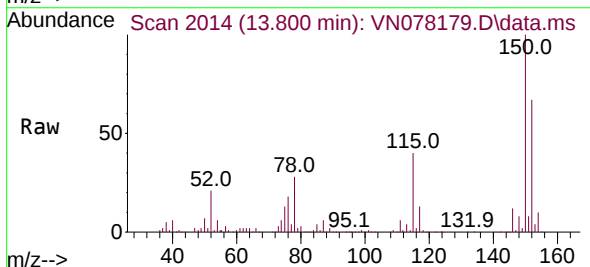
Manual Integrations
APPROVED

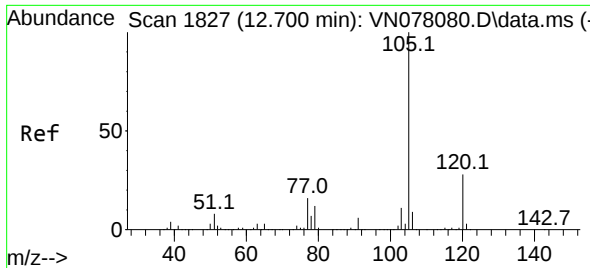
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

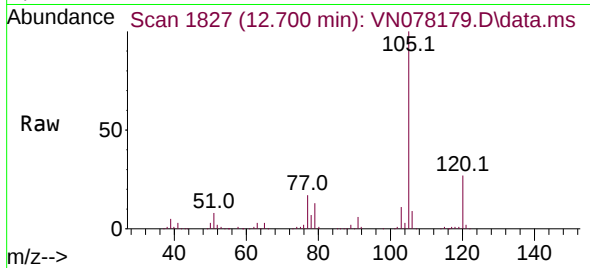
Tgt Ion:152 Resp: 244636
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 164.1 0.0 355.8





#73
Isopropylbenzene
Concen: 18.006 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

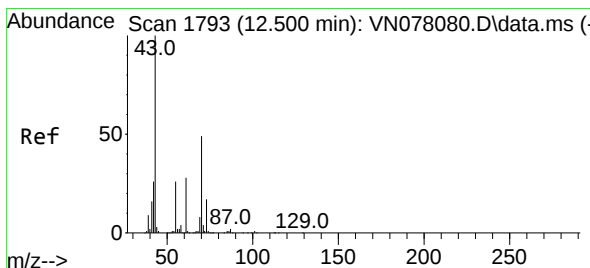
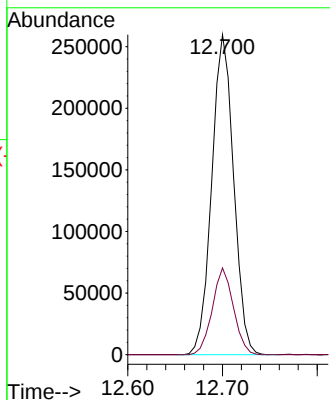
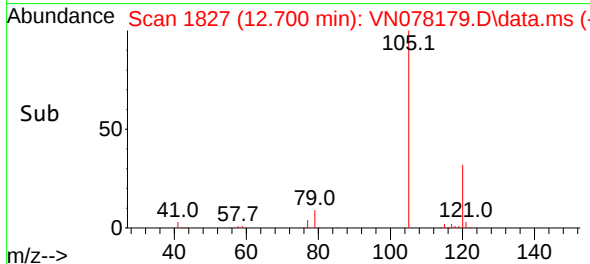
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



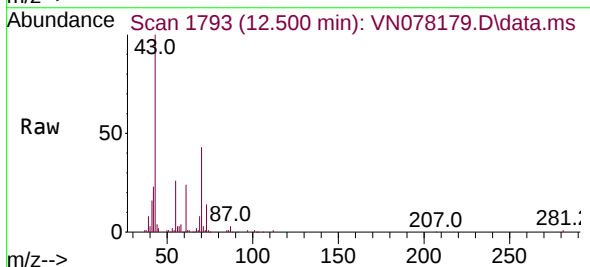
Tgt Ion:105 Resp: 41654
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

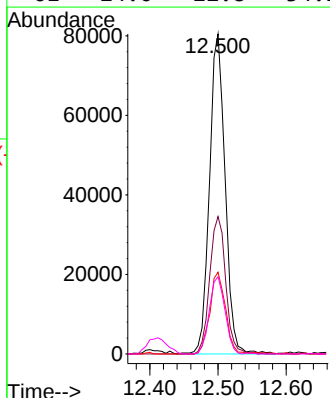
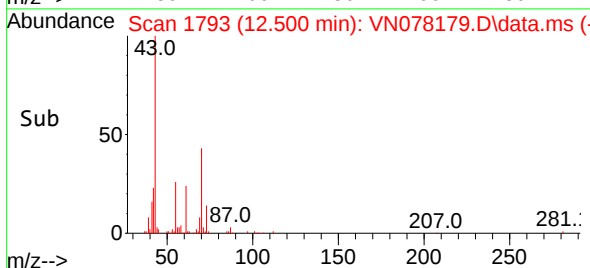
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

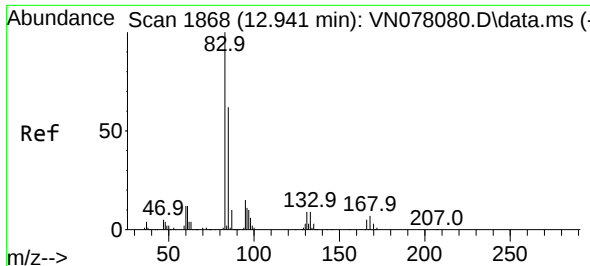


#74
N-ethyl acetate
Concen: 16.893 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



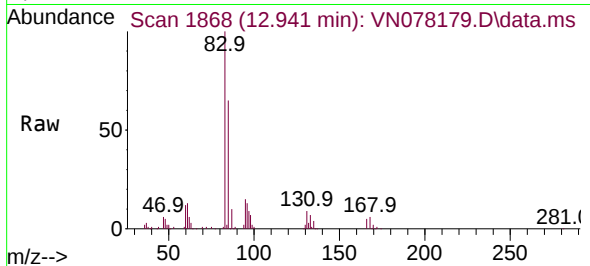
Tgt Ion: 43 Resp: 128688
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 25.5 21.4 32.0
61 24.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.958 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

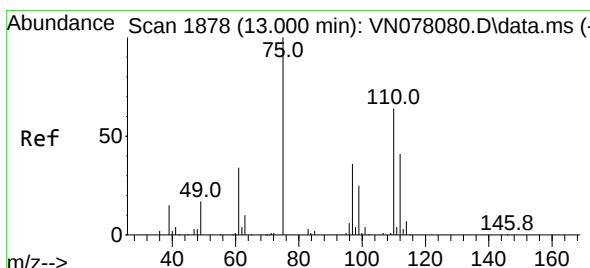
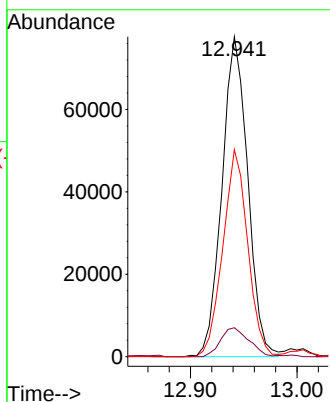
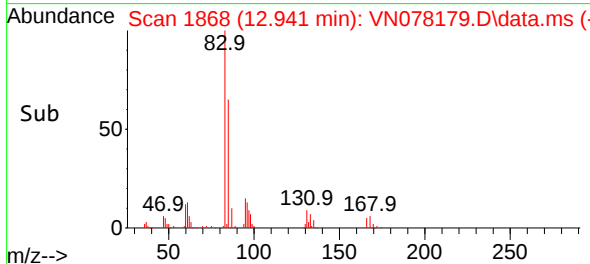
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



Tgt Ion: 83 Resp: 130290
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 62.5 31.9 95.7

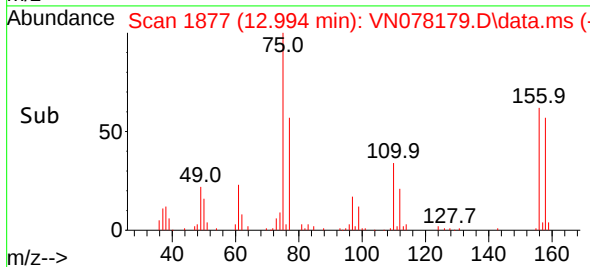
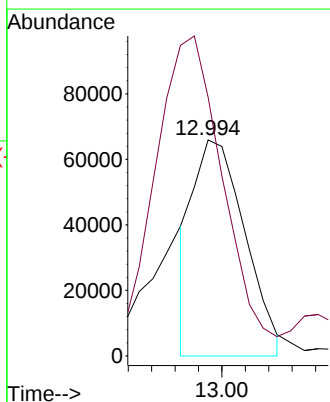
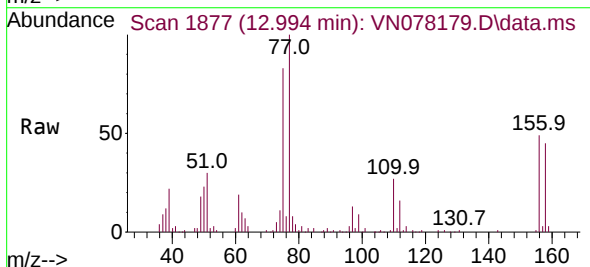
Manual Integrations
APPROVED

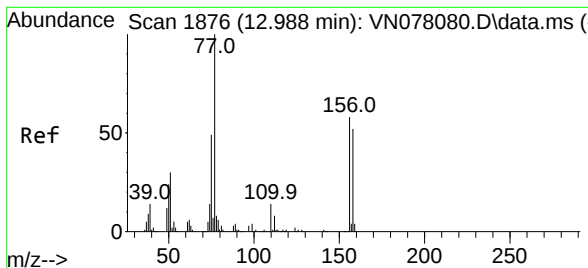
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#76
1,2,3-Trichloropropane
Concen: 17.501 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

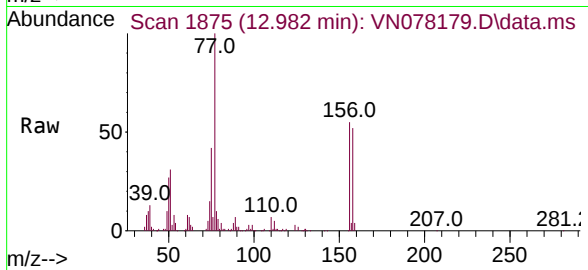
Tgt Ion: 75 Resp: 101211
Ion Ratio Lower Upper
75 100
77 197.1 84.5 253.5





#77
Bromobenzene
Concen: 17.169 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

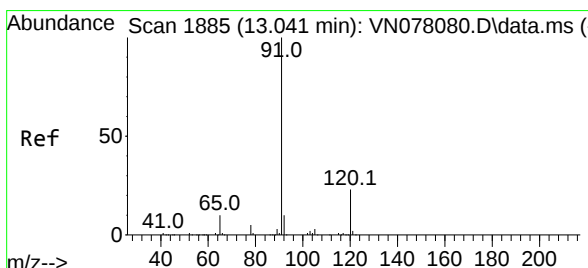
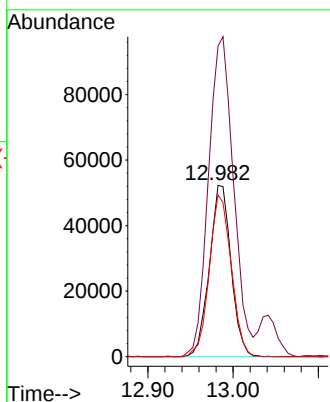
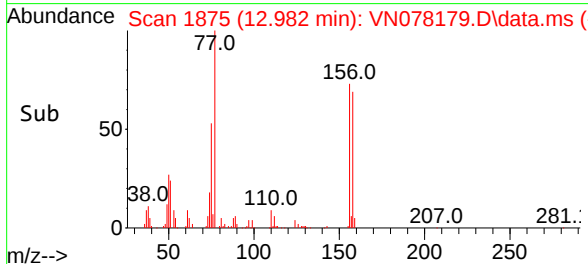
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



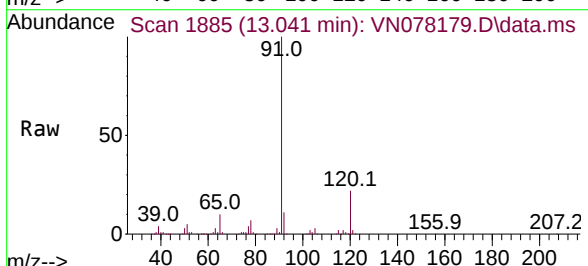
Tgt Ion:156 Resp: 92198
Ion Ratio Lower Upper
156 100
77 216.3 107.7 323.3
158 95.7 48.4 145.3

Manual Integrations
APPROVED

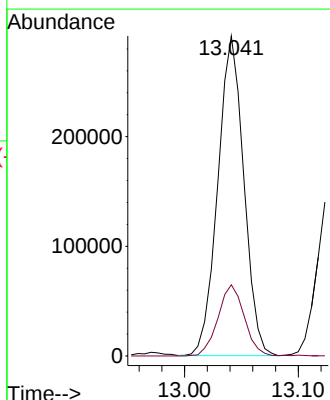
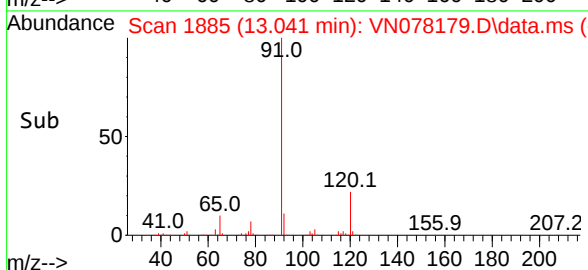
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

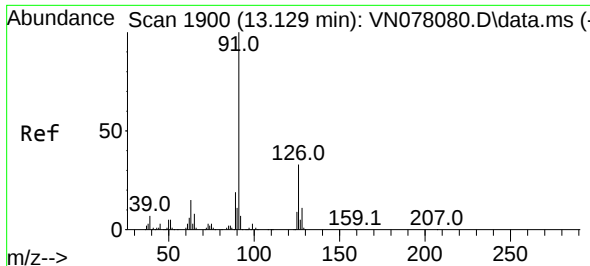


#78
n-propylbenzene
Concen: 18.448 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion: 91 Resp: 463665
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





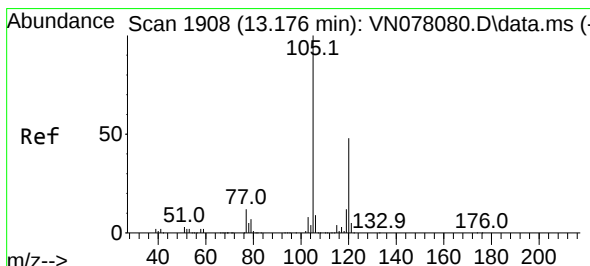
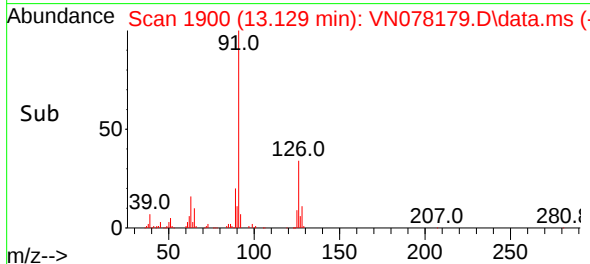
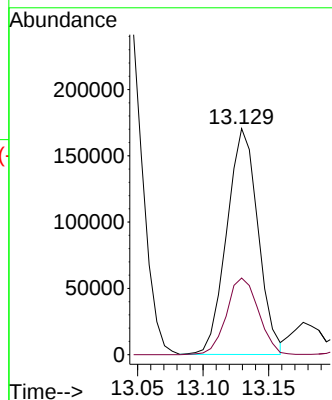
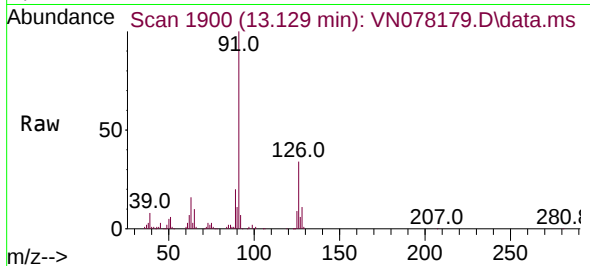
#79
2-Chlorotoluene
Concen: 17.437 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 91 Resp: 28290
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

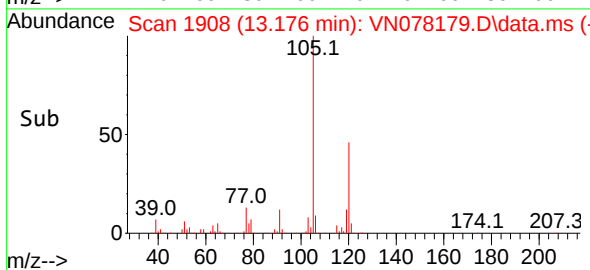
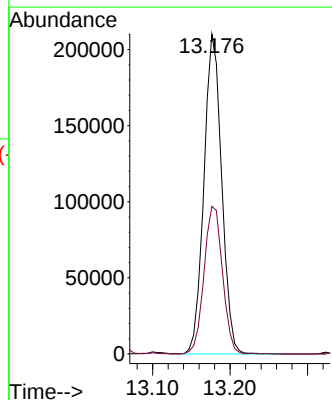
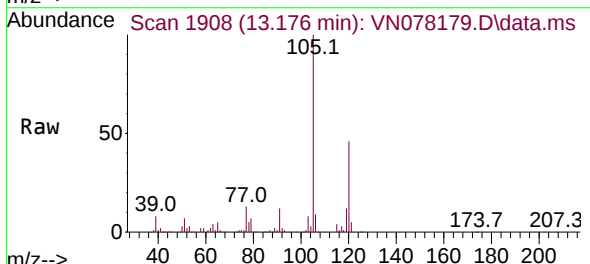
Manual Integrations
APPROVED

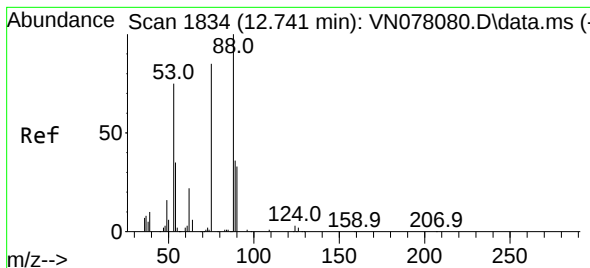
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.843 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

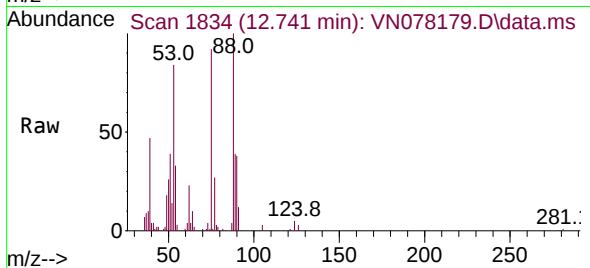
Tgt Ion:105 Resp: 334181
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.893 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

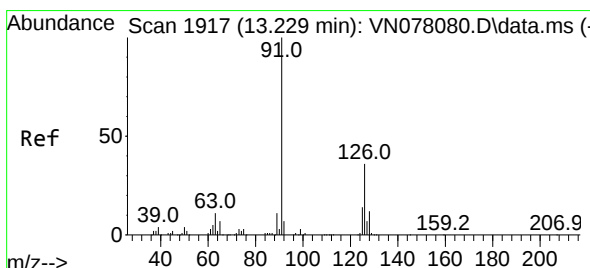
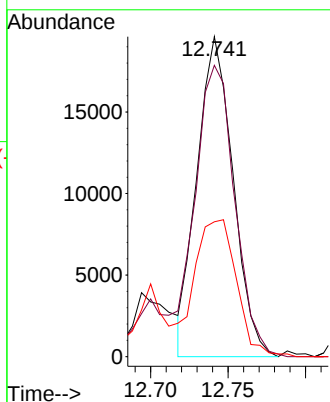
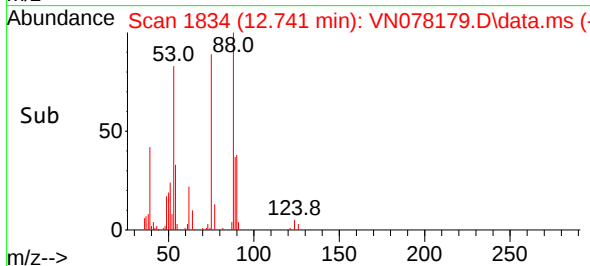
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



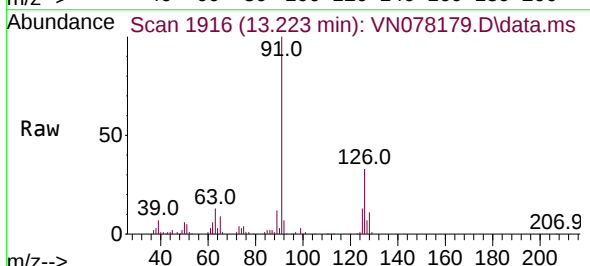
Tgt Ion: 75 Resp: 31799
Ion Ratio Lower Upper
75 100
53 101.0 67.4 101.2
89 51.1 38.8 58.2

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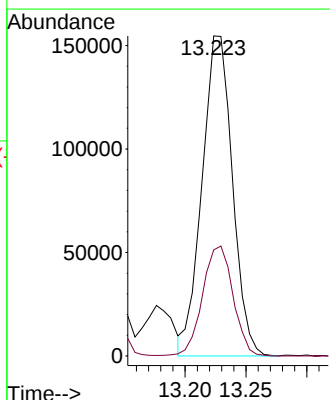
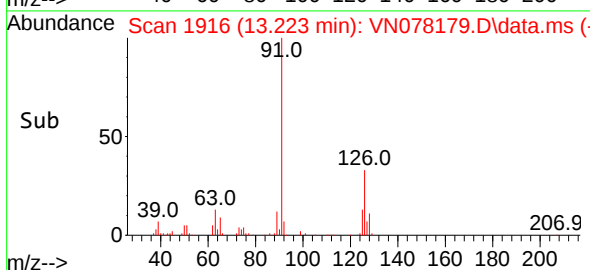
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

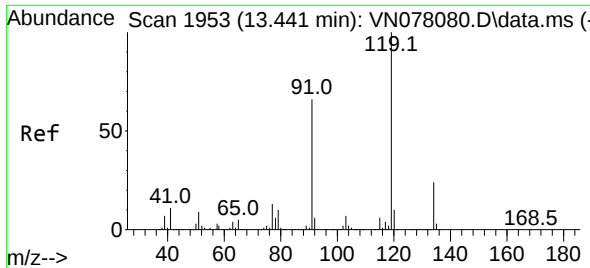


#82
4-Chlorotoluene
Concen: 17.759 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



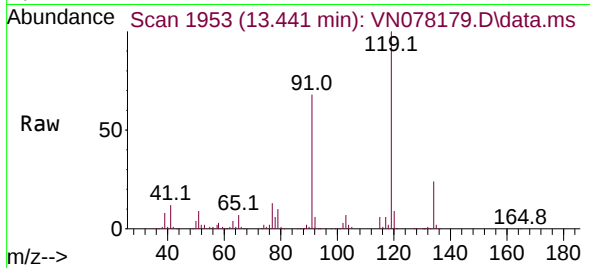
Tgt Ion: 91 Resp: 268903
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.816 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

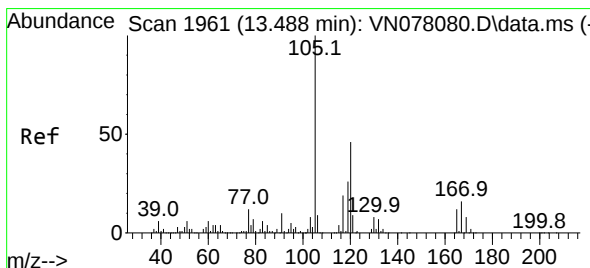
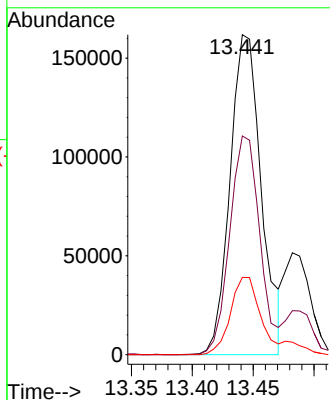
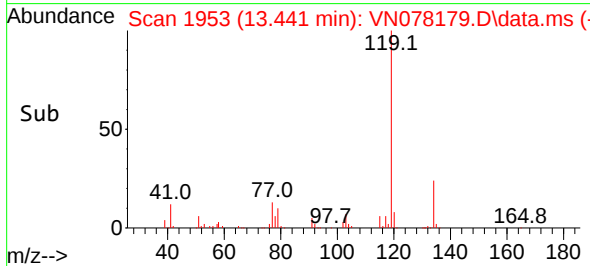
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



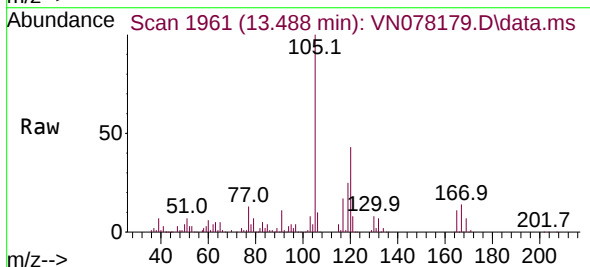
Tgt Ion:119 Resp: 290061
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 25.8 13.2 39.6

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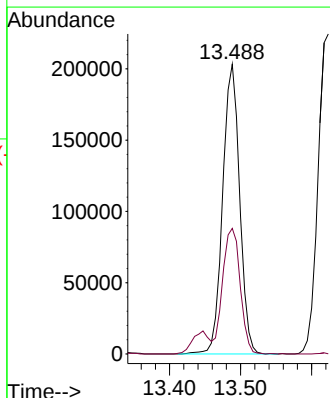
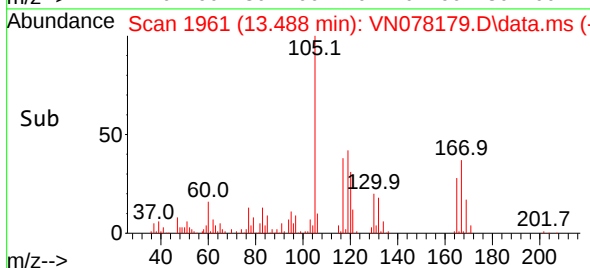
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

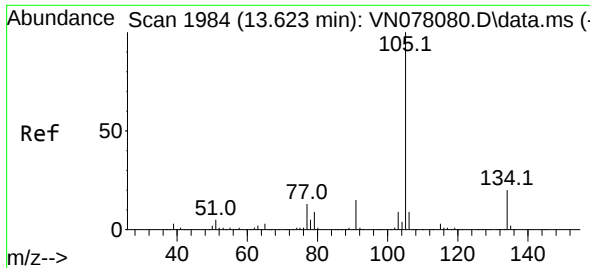


#84
1,2,4-Trimethylbenzene
Concen: 18.523 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion:105 Resp: 336346
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





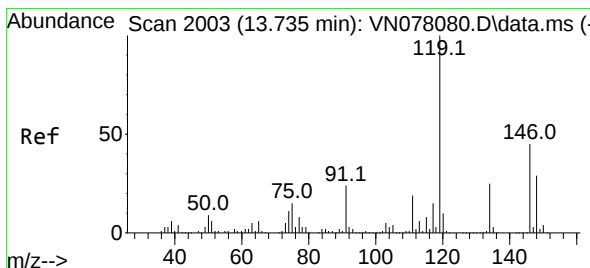
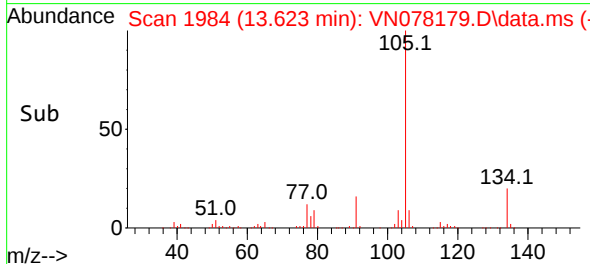
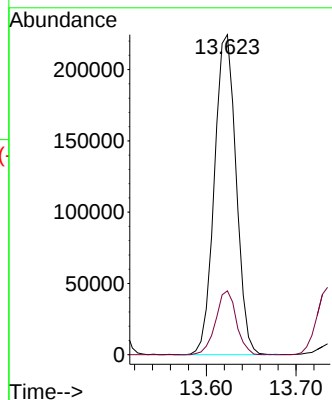
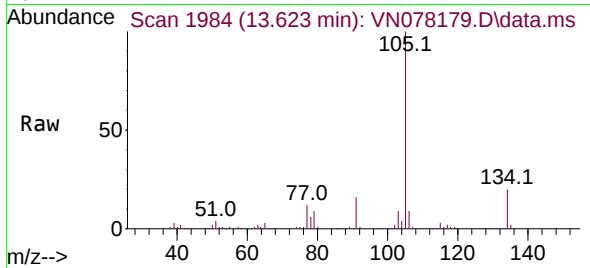
#85
 sec-Butylbenzene
 Concen: 17.711 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01

Tgt Ion:105 Resp: 37740
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

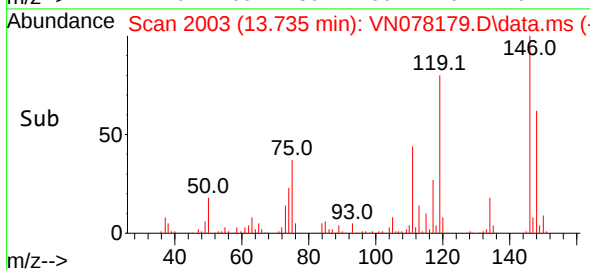
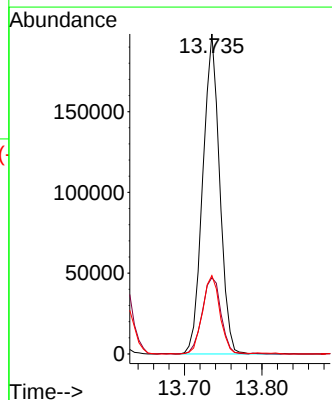
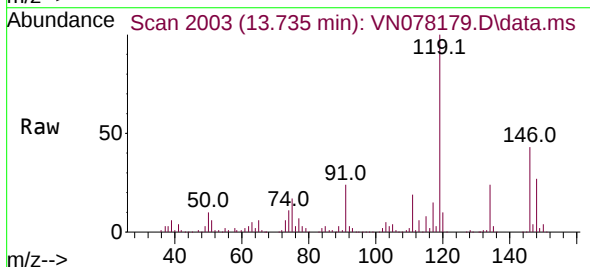
Manual Integrations
 APPROVED

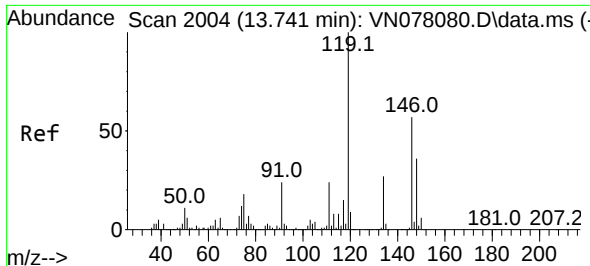
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#86
 p-Isopropyltoluene
 Concen: 17.309 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078179.D
 Acq: 13 Jun 2023 11:50

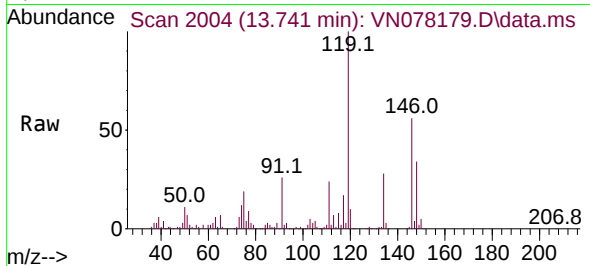
Tgt Ion:119 Resp: 299307
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 25.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 16.835 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

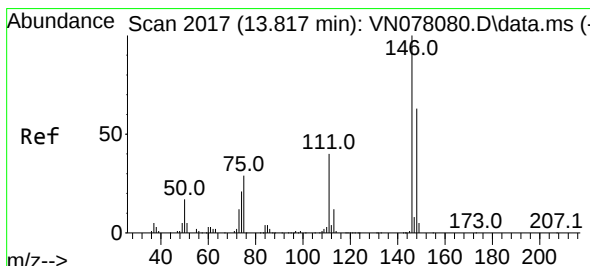
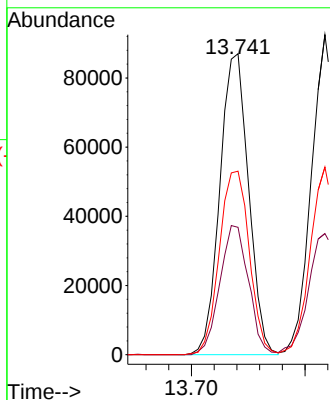
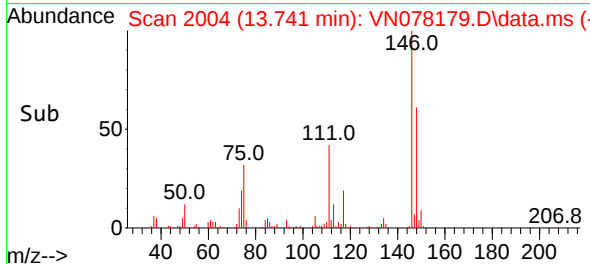
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



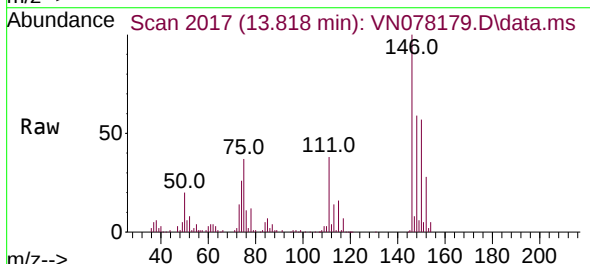
Tgt Ion:146 Resp: 152920
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.3
148 63.6 32.0 96.0

Manual Integrations
APPROVED

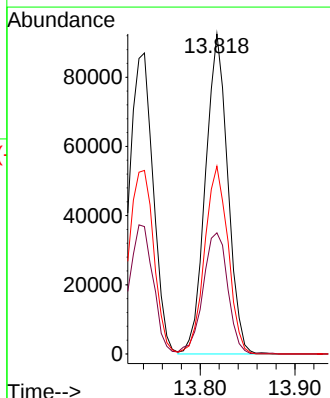
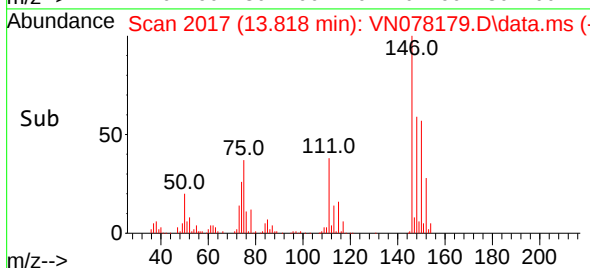
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

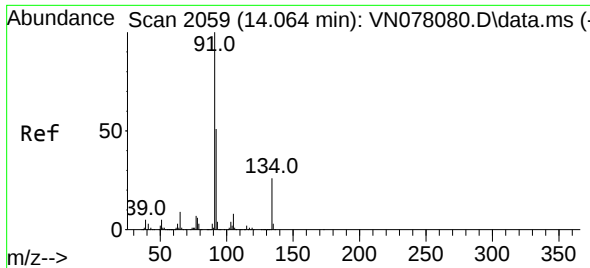


#88
1,4-Dichlorobenzene
Concen: 17.281 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion:146 Resp: 151469
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 61.4 31.6 94.8





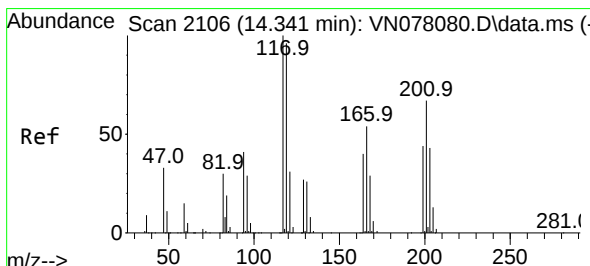
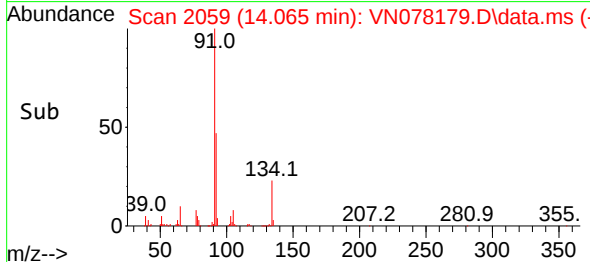
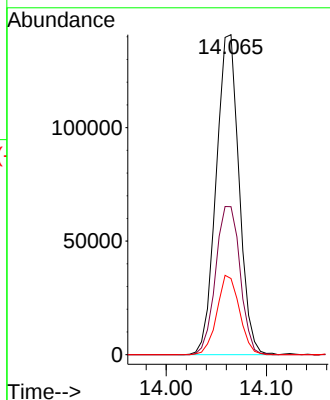
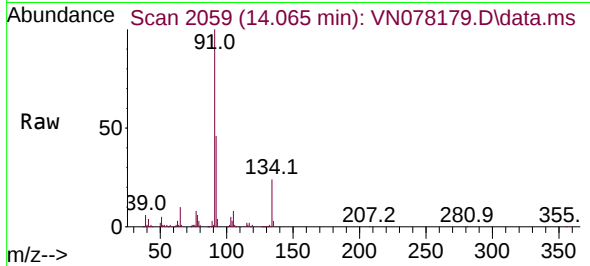
#89
n-Butylbenzene
Concen: 16.377 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion: 91 Resp: 223378
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 24.4 12.6 37.6

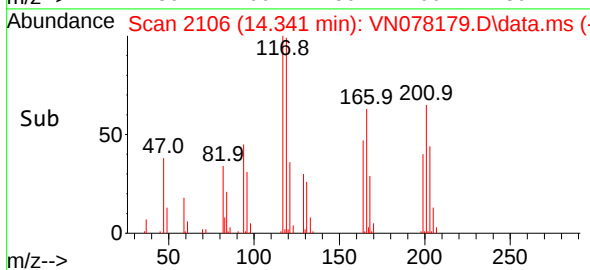
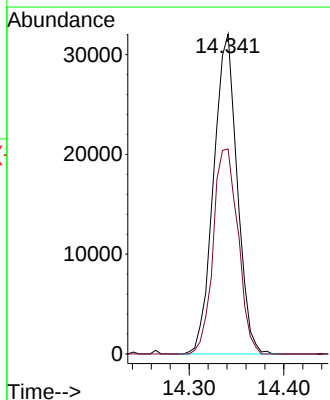
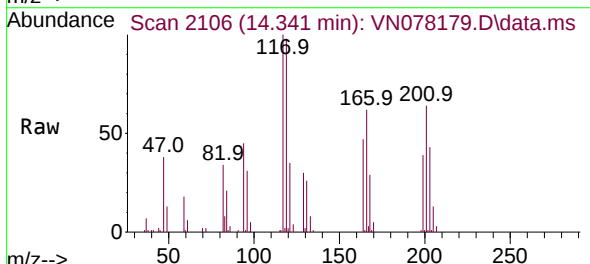
Manual Integrations
APPROVED

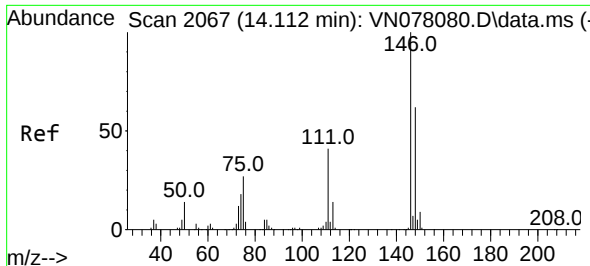
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#90
Hexachloroethane
Concen: 18.100 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion:117 Resp: 55545
Ion Ratio Lower Upper
117 100
201 67.3 29.3 88.0





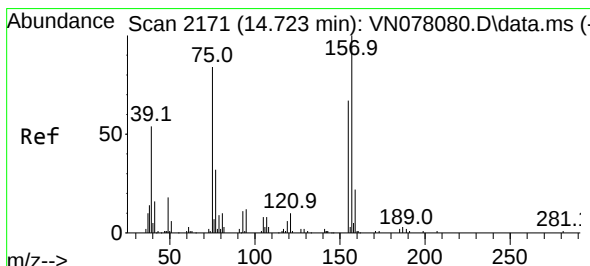
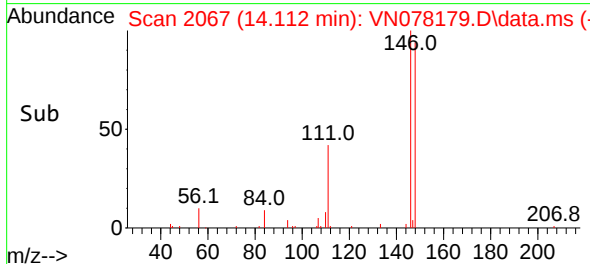
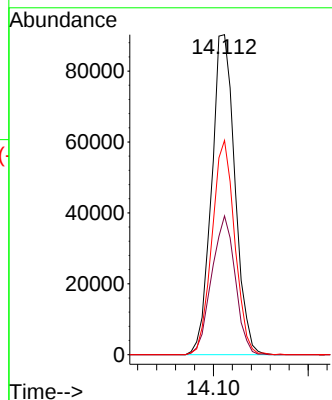
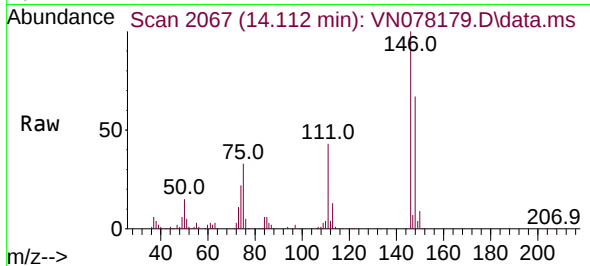
#91
1,2-Dichlorobenzene
Concen: 17.391 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

Tgt Ion:146 Resp: 154389
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 65.1 31.8 95.3

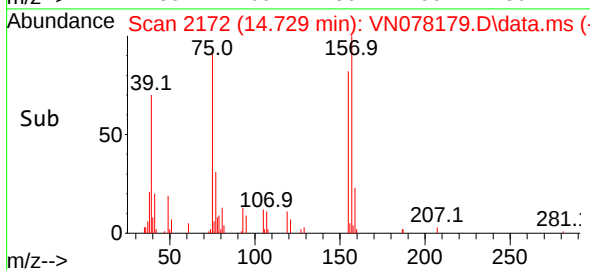
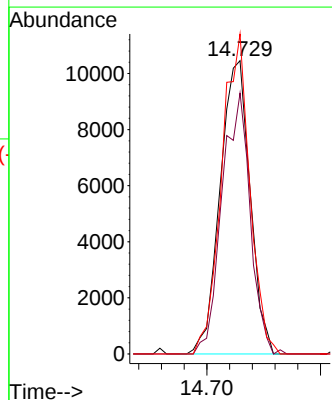
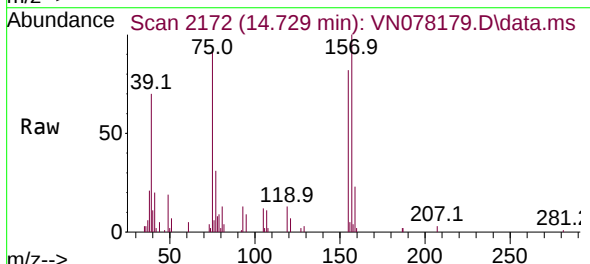
Manual Integrations
APPROVED

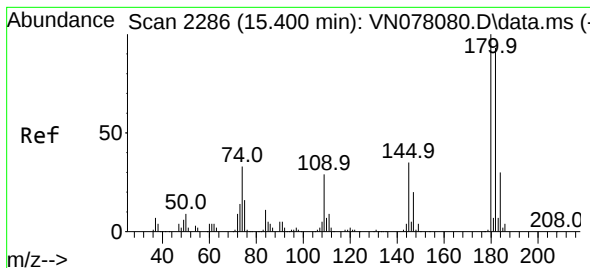
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.719 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

Tgt Ion: 75 Resp: 19157
Ion Ratio Lower Upper
75 100
155 83.5 39.1 117.2
157 102.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.019 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

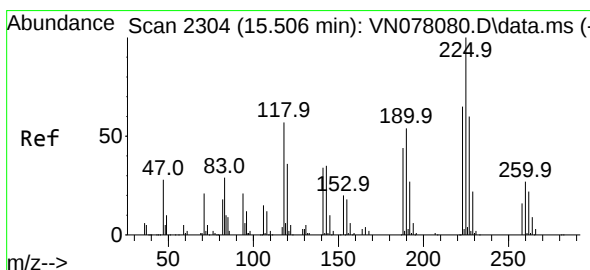
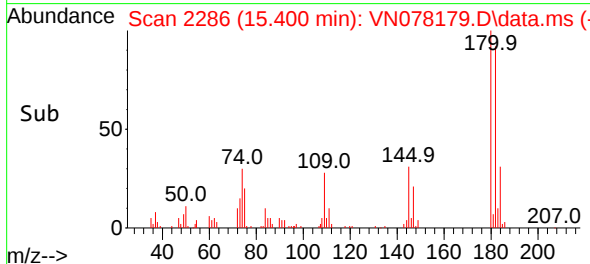
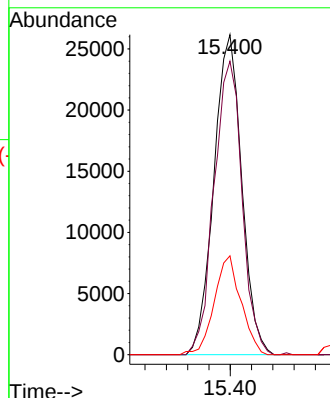
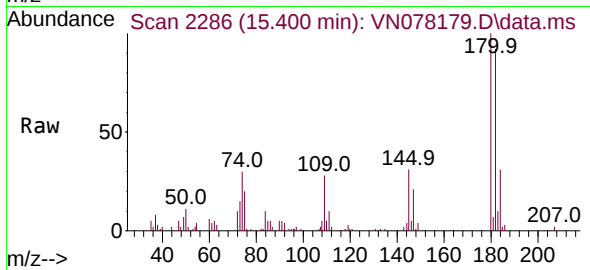
Tgt Ion:	180	Resp:	47500
Ion Ratio	Lower	Upper	
180	100		
182	92.2	46.1	138.2
145	29.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#94

Hexachlorobutadiene

Concen: 15.041 ug/l

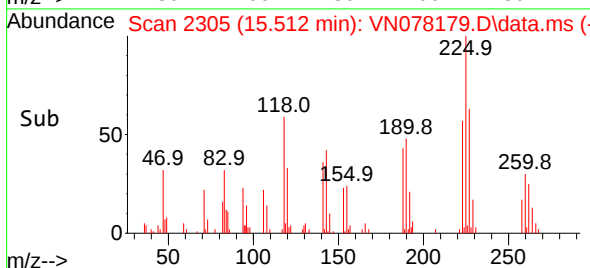
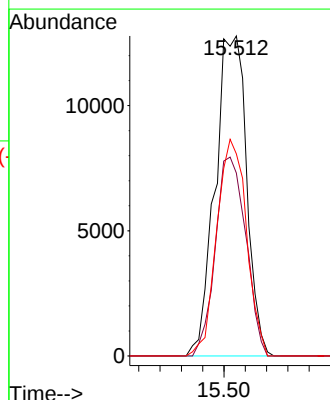
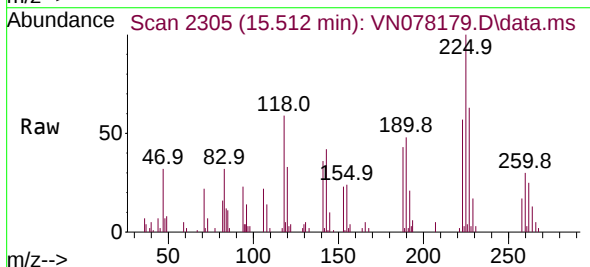
RT: 15.512 min Scan# 2305

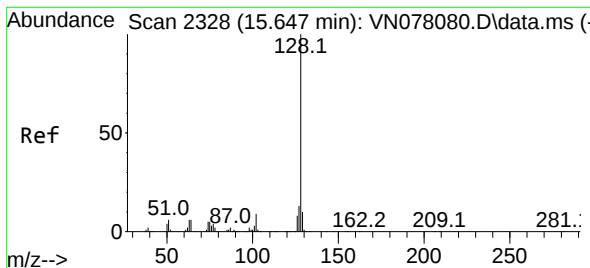
Delta R.T. 0.006 min

Lab File: VN078179.D

Acq: 13 Jun 2023 11:50

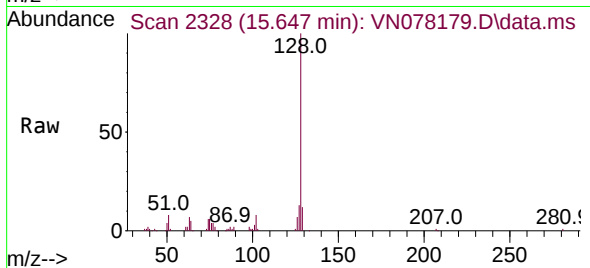
Tgt Ion:	225	Resp:	26224
Ion Ratio	Lower	Upper	
225	100		
223	60.2	31.3	93.8
227	63.9	31.9	95.9





#95
Naphthalene
Concen: 12.035 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50

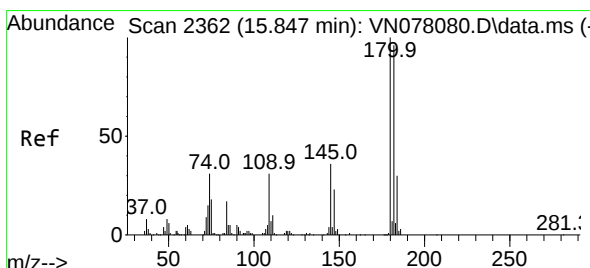
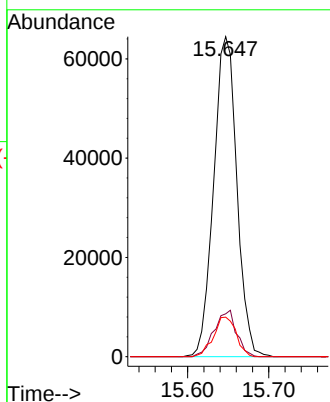
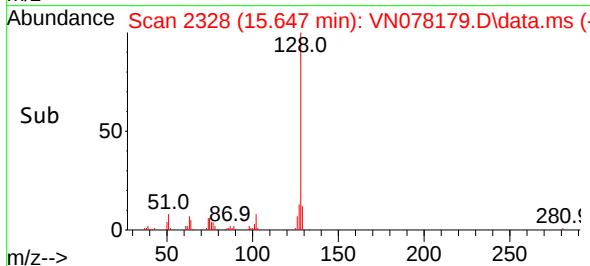
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01



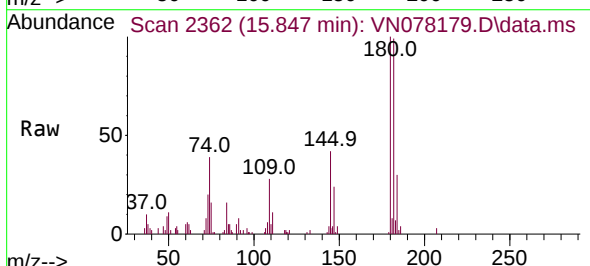
Tgt Ion:128 Resp: 128050
Ion Ratio Lower Upper
128 100
127 14.0 10.0 15.0
129 12.1 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 14.401 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078179.D
Acq: 13 Jun 2023 11:50



Tgt Ion:180 Resp: 50946
Ion Ratio Lower Upper
180 100
182 98.1 46.2 138.6
145 37.1 17.5 52.6

