

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078402.D
 Acq On : 26 Jun 2023 15:12
 Operator : JC\MD
 Sample : VN0626WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 02:16:37 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	450438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	780534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	684389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	301190	50.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.300%			
35) Dibromofluoromethane	8.177	113	260727	52.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	10.571	98	944640	49.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.853	95	308266	52.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	84957	16.685	ug/l	95
3) Chloromethane	2.371	50	103267	20.481	ug/l	94
4) Vinyl Chloride	2.518	62	149675	22.449	ug/l	99
5) Bromomethane	2.959	94	113308	22.487	ug/l	97
6) Chloroethane	3.124	64	100599	22.133	ug/l	96
7) Trichlorofluoromethane	3.500	101	175514	19.412	ug/l	92
8) Diethyl Ether	3.971	74	59124	18.611	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.383	101	98097	20.558	ug/l	96
10) Methyl Iodide	4.595	142	129596	19.205	ug/l	97
11) Tert butyl alcohol	5.530	59	84105	101.421	ug/l	98
12) 1,1-Dichloroethene	4.347	96	90817	18.463	ug/l	90
13) Acrolein	4.189	56	71571	78.309	ug/l	92
14) Allyl chloride	5.036	41	124573	20.747	ug/l	92
15) Acrylonitrile	5.730	53	220381	103.079	ug/l	97
16) Acetone	4.442	43	219186	126.795	ug/l	95
17) Carbon Disulfide	4.718	76	248052	19.592	ug/l	96
18) Methyl Acetate	5.036	43	163725	20.572	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	315485	20.103	ug/l	99
20) Methylene Chloride	5.283	84	113656	19.896	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	105331	19.854	ug/l	90
22) Diisopropyl ether	6.683	45	306126	21.675	ug/l #	93
23) Vinyl Acetate	6.612	43	882511	105.114	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	196844	21.127	ug/l	98
25) 2-Butanone	7.494	43	302813	113.912	ug/l	88
26) 2,2-Dichloropropane	7.500	77	170865	24.837	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	124024	19.599	ug/l	93
28) Bromochloromethane	7.818	49	91905	21.484	ug/l	88
29) Tetrahydrofuran	7.847	42	183262	103.124	ug/l	87
30) Chloroform	7.971	83	210510	20.982	ug/l	98
31) Cyclohexane	8.265	56	151393	19.651	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	186530	21.177	ug/l	95
36) 1,1-Dichloropropene	8.382	75	155142	21.916	ug/l	97
37) Ethyl Acetate	7.571	43	122107	22.080	ug/l #	96
38) Carbon Tetrachloride	8.371	117	166859	22.323	ug/l	96
39) Methylcyclohexane	9.606	83	134564	18.343	ug/l	93
40) Benzene	8.612	78	468137	22.151	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67404	22.487	ug/l	87
42) 1,2-Dichloroethane	8.677	62	156457	21.592	ug/l	99
43) Isopropyl Acetate	8.694	43	213685	20.205	ug/l	94
44) Trichloroethene	9.359	130	120836	21.651	ug/l	94
45) 1,2-Dichloropropane	9.624	63	114718	21.817	ug/l	93
46) Dibromomethane	9.712	93	84804	21.897	ug/l	97
47) Bromodichloromethane	9.894	83	165603	23.019	ug/l	95
48) Methyl methacrylate	9.688	41	95464	21.509	ug/l	88
49) 1,4-Dioxane	9.706	88	39033	418.434	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	625174	112.255	ug/l	93
52) Toluene	10.635	92	298729	22.388	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	167085	22.301	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	184288	22.251	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	111310	22.052	ug/l	96
56) Ethyl methacrylate	10.882	69	158478	21.562	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	190065	22.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	244116	82.220	ug/l	93
59) 2-Hexanone	11.200	43	450992	116.301	ug/l	91
60) Dibromochloromethane	11.365	129	122494	22.177	ug/l	98
61) 1,2-Dibromoethane	11.476	107	115727	21.847	ug/l	100
64) Tetrachloroethene	11.106	164	97161	21.280	ug/l	98
65) Chlorobenzene	11.894	112	306332	20.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117611	21.818	ug/l	98
67) Ethyl Benzene	11.970	91	539538	21.334	ug/l	100
68) m/p-Xylenes	12.076	106	409359	42.474	ug/l	100
69) o-Xylene	12.406	106	196010	20.710	ug/l	96
70) Styrene	12.418	104	313048	21.010	ug/l	96
71) Bromoform	12.582	173	74635	21.454	ug/l #	100
73) Isopropylbenzene	12.700	105	487037	20.011	ug/l	100
74) N-amyl acetate	12.500	43	158597	19.788	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	159025	22.405	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	124483m	20.459	ug/l	
77) Bromobenzene	12.988	156	114970	20.349	ug/l	98
78) n-propylbenzene	13.041	91	551465	20.854	ug/l	100
79) 2-Chlorotoluene	13.129	91	338051	19.805	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	392970	19.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	46215	23.335	ug/l	92
82) 4-Chlorotoluene	13.229	91	321389	20.174	ug/l	97
83) tert-Butylbenzene	13.441	119	323639	18.894	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	389366	20.381	ug/l	99
85) sec-Butylbenzene	13.623	105	413328	18.436	ug/l	100
86) p-Isopropyltoluene	13.735	119	328661	18.065	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	190456	19.928	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	181994	19.735	ug/l	98
89) n-Butylbenzene	14.059	91	245147	17.083	ug/l	98
90) Hexachloroethane	14.341	117	63510	19.671	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	184816	19.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23555	19.539	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	51859	15.583	ug/l	98
94) Hexachlorobutadiene	15.506	225	31919	17.844	ug/l	97
95) Naphthalene	15.647	128	164598	14.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	59898	16.093	ug/l	95

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ClientSampleId :
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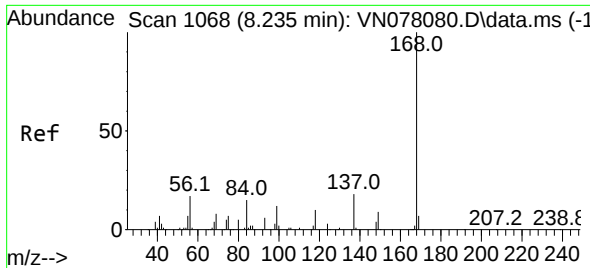
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

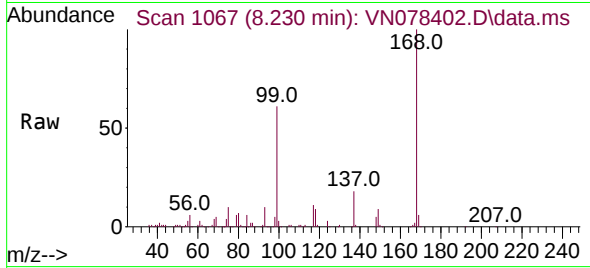
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
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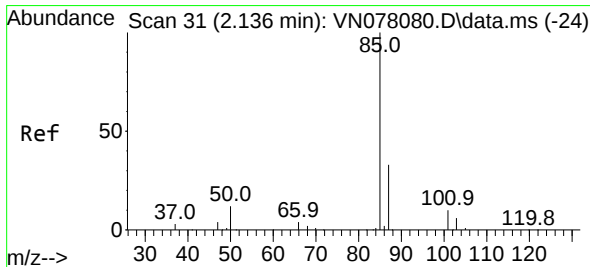
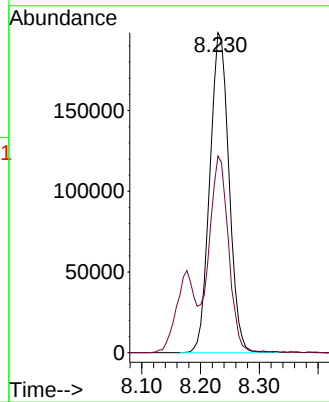
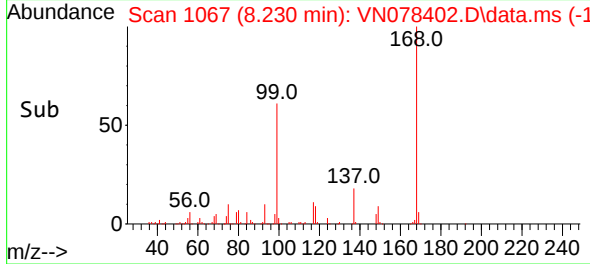
Instrument :
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ClientSampleId :
VN0626WBSD02



Tgt Ion:168 Resp: 450438
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6

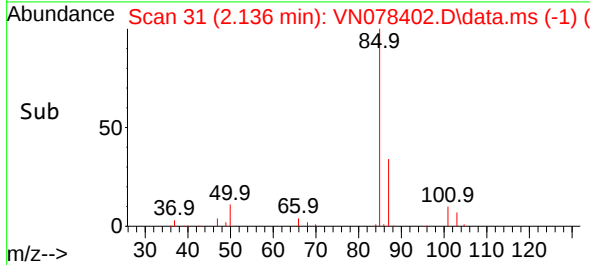
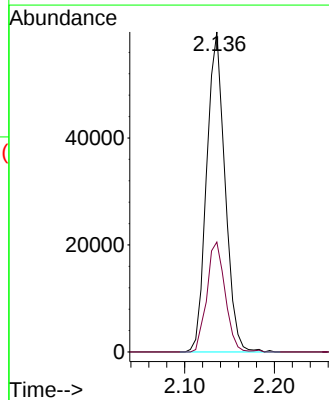
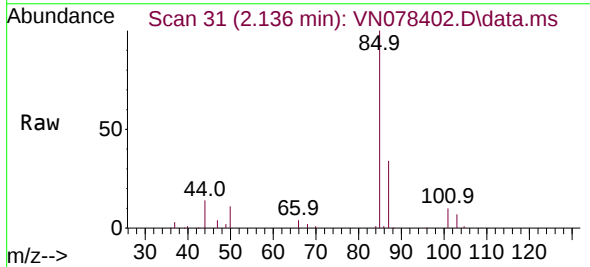
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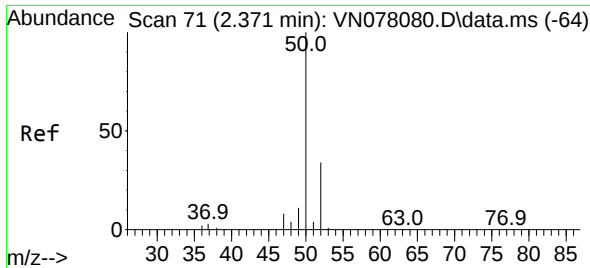
Reviewed By :John Carlone 06/27/2023
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#2
Dichlorodifluoromethane
Concen: 16.685 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

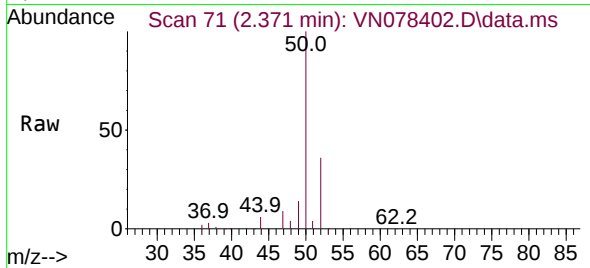
Tgt Ion: 85 Resp: 84957
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 20.481 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

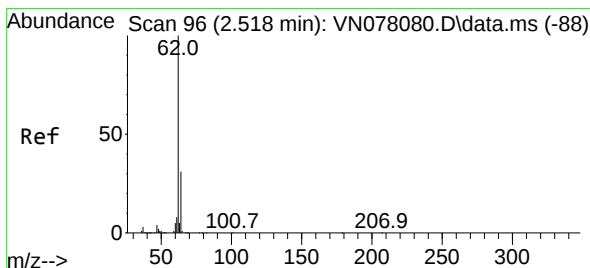
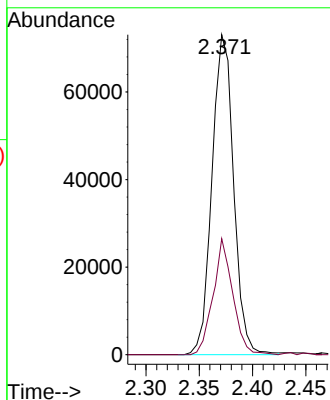
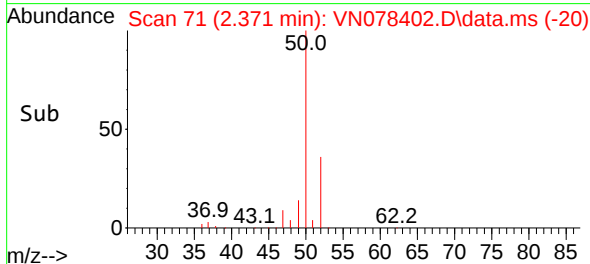
Instrument :
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Tgt Ion: 50 Resp: 10326
Ion Ratio Lower Upper
50 100
52 36.3 26.5 39.7

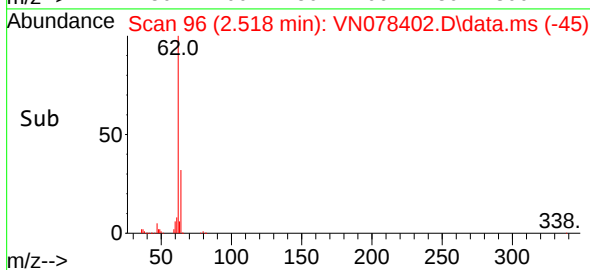
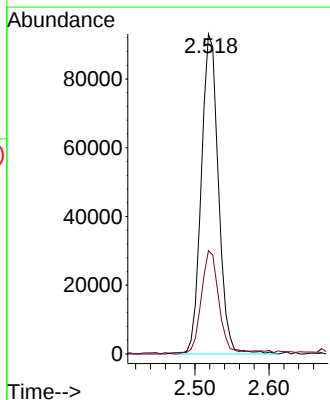
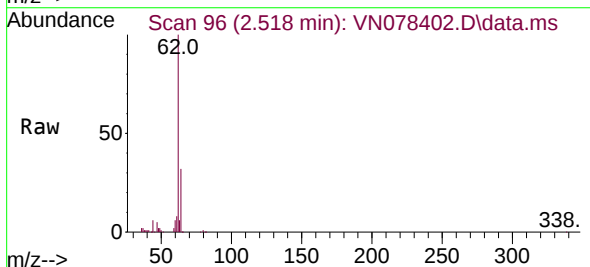
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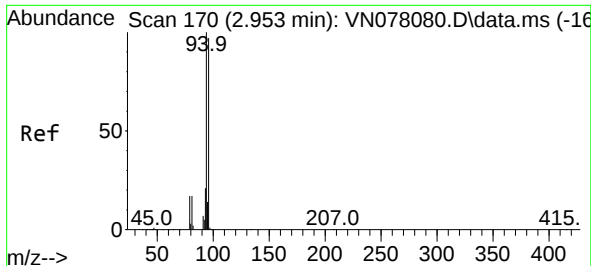
Reviewed By :John Carlone 06/27/2023
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#4
Vinyl Chloride
Concen: 22.449 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

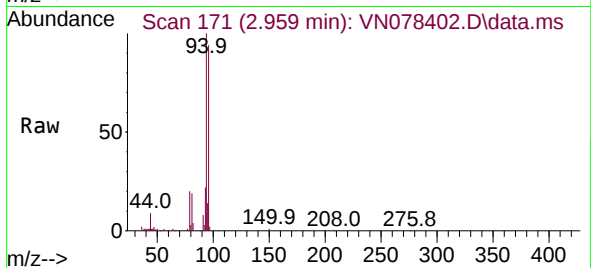
Tgt Ion: 62 Resp: 149675
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 22.487 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

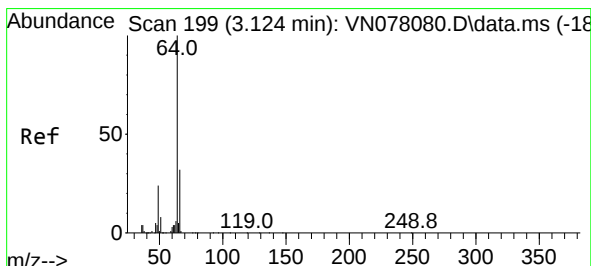
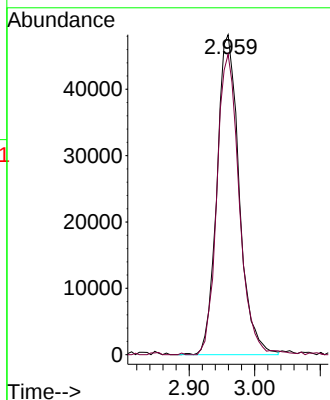
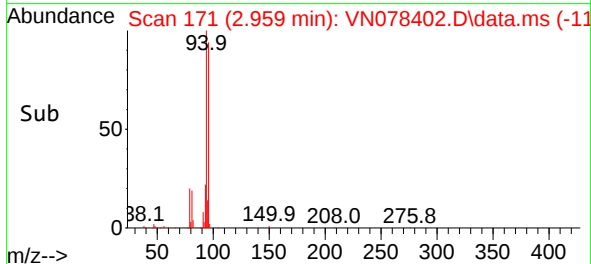
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Tgt Ion: 94 Resp: 113308
Ion Ratio Lower Upper
94 100
96 93.9 73.1 109.7

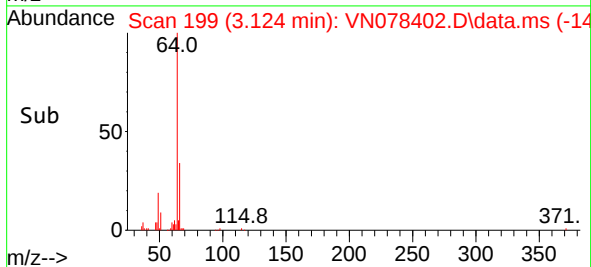
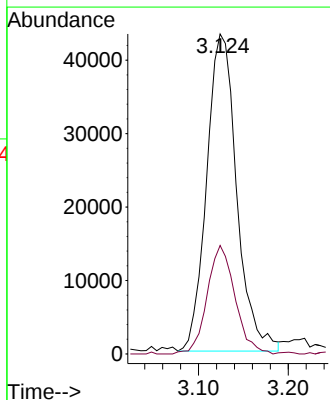
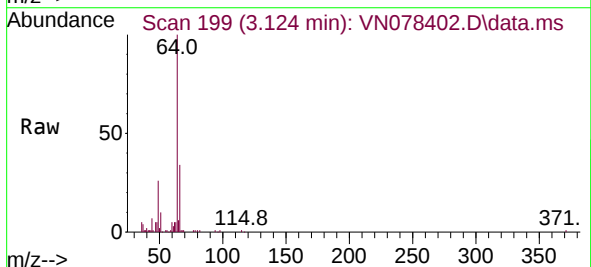
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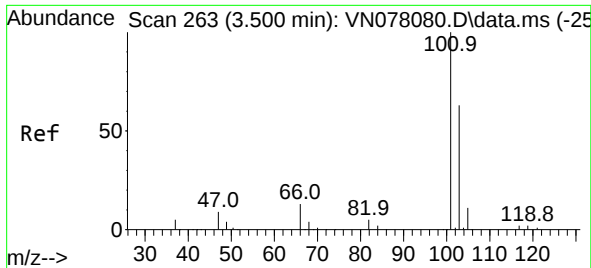
Reviewed By :John Carlone 06/27/2023
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#6
Chloroethane
Concen: 22.133 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078402.D
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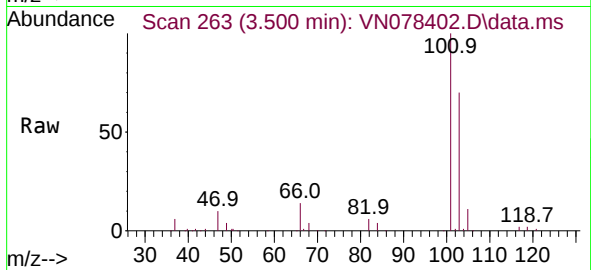
Tgt Ion: 64 Resp: 100599
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.412 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN078402.D
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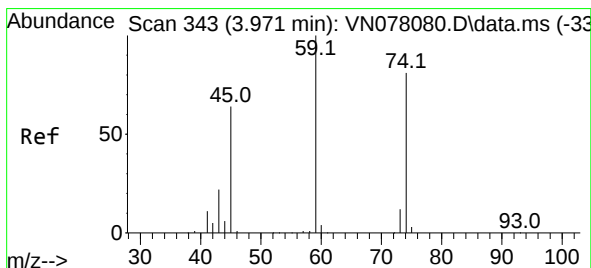
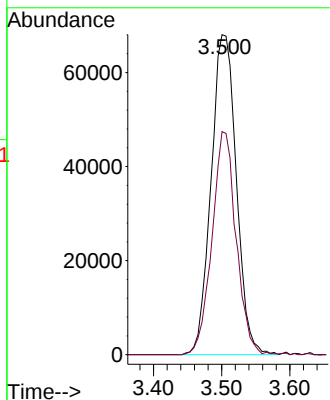
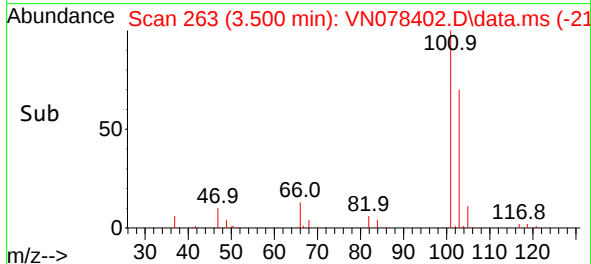
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Tgt Ion:101 Resp: 175514
Ion Ratio Lower Upper
101 100
103 69.7 50.7 76.1

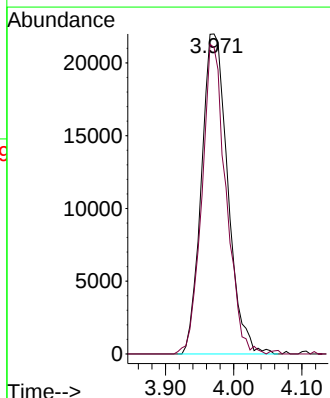
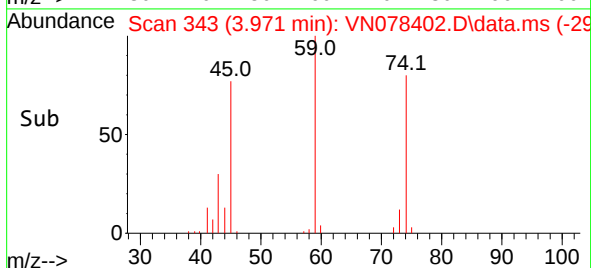
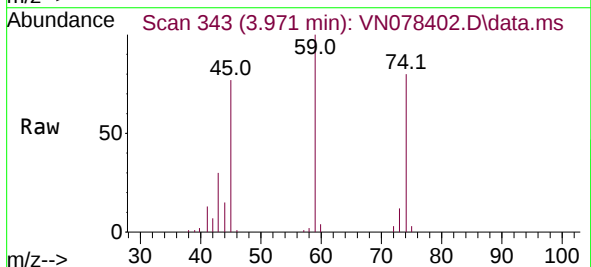
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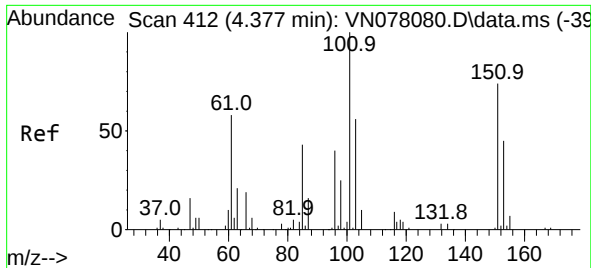
Reviewed By :John Carlone 06/27/2023
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#8
Diethyl Ether
Concen: 18.611 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 59124
Ion Ratio Lower Upper
74 100
45 88.5 34.4 103.3





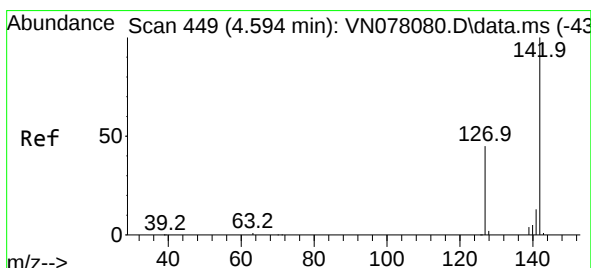
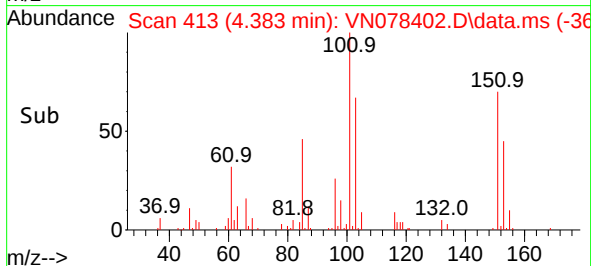
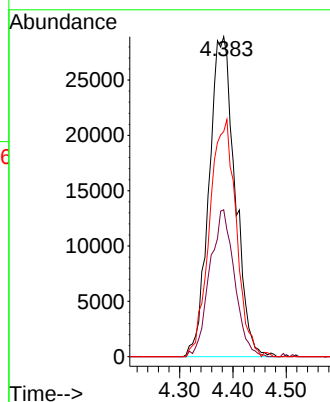
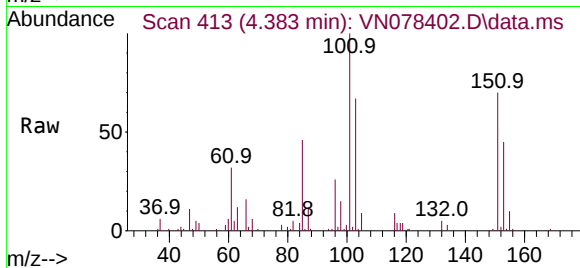
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.558 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion:101 Resp: 9809
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 75.4 57.6 86.4

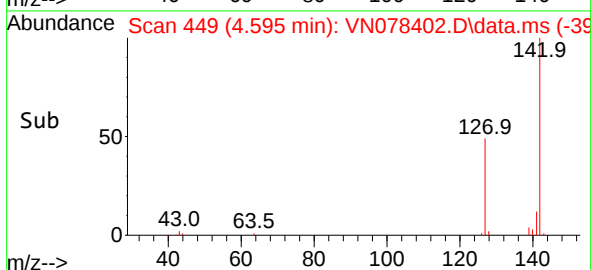
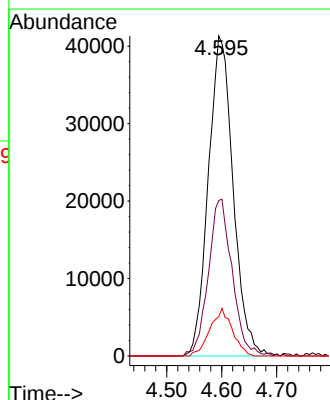
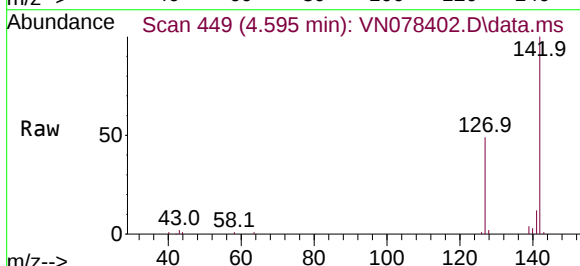
Manual Integrations
APPROVED

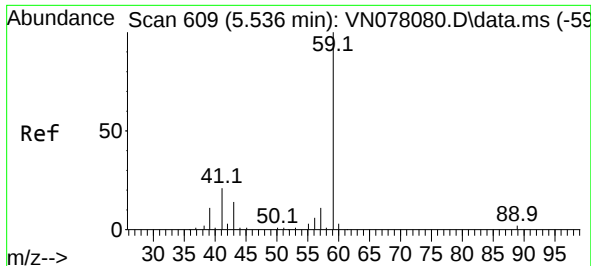
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#10
Methyl Iodide
Concen: 19.205 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

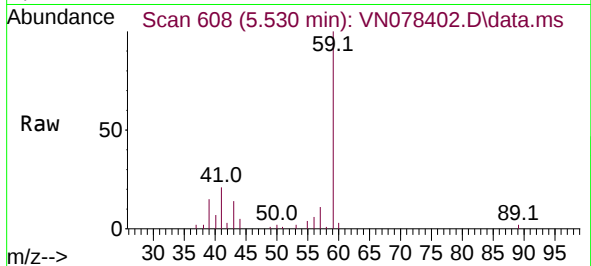
Tgt Ion:142 Resp: 129596
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 12.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.421 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

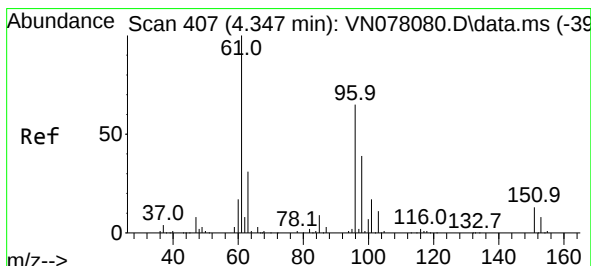
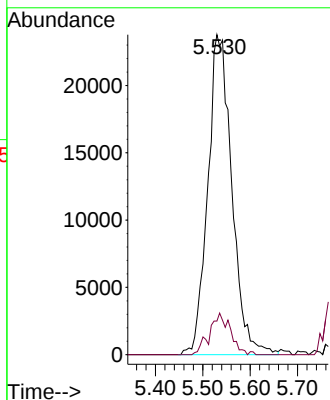
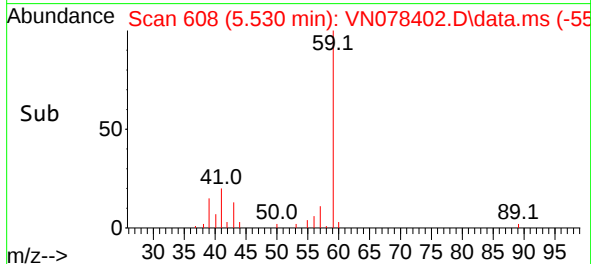
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 59 Resp: 8410
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

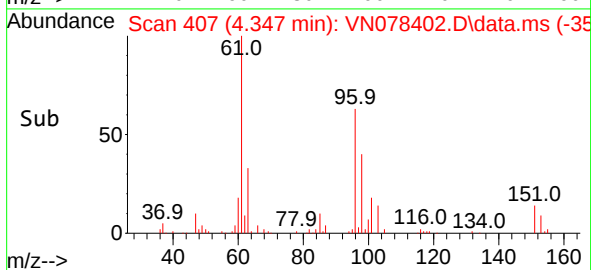
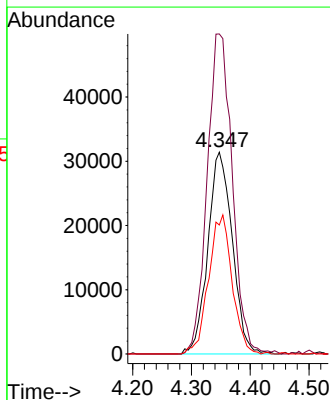
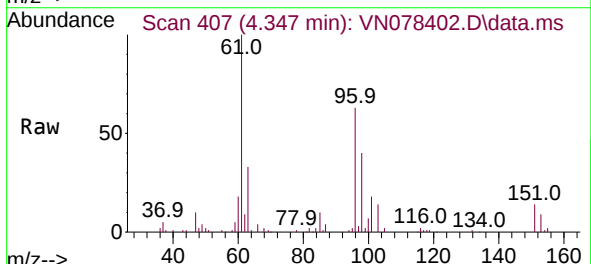
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#12
1,1-Dichloroethene
Concen: 18.463 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

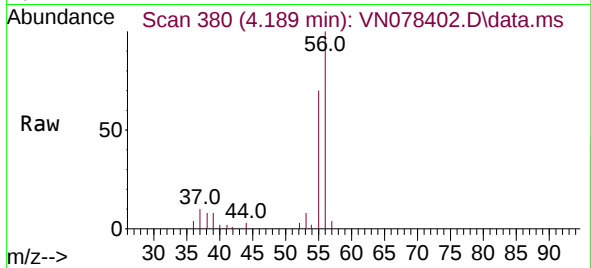
Tgt Ion: 96 Resp: 90817
Ion Ratio Lower Upper
96 100
61 158.6 112.7 169.1
98 64.0 51.2 76.8





#13
Acrolein
Concen: 78.309 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

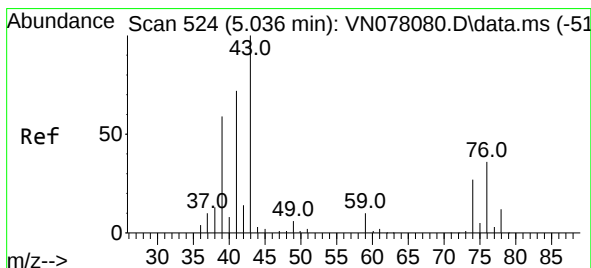
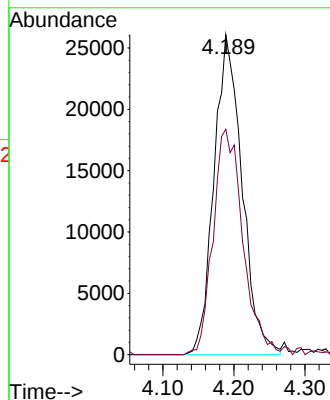
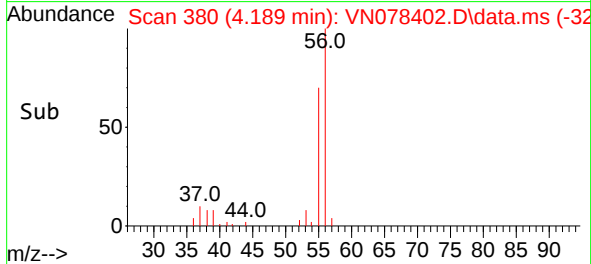
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 56 Resp: 7157
Ion Ratio Lower Upper
56 100
55 74.4 54.5 81.7

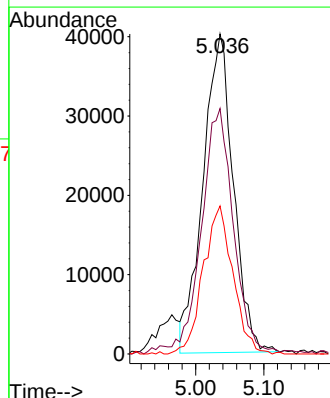
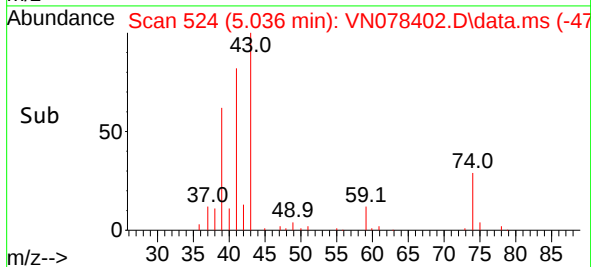
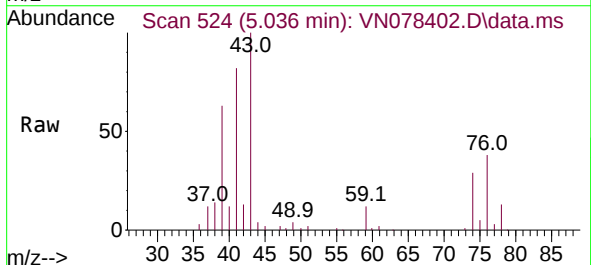
Manual Integrations
APPROVED

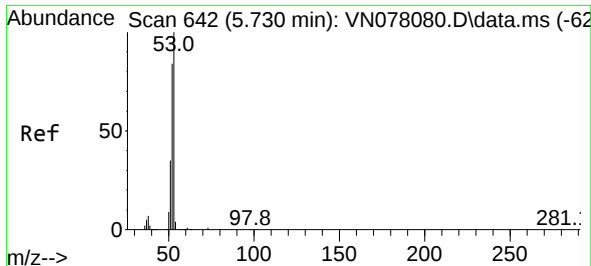
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#14
Allyl chloride
Concen: 20.747 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

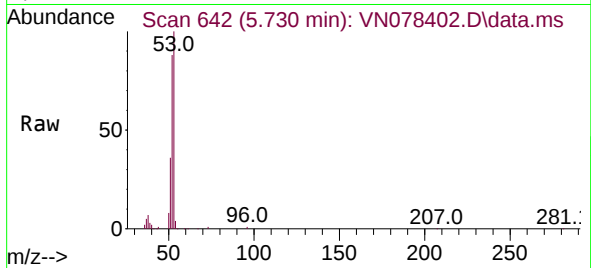
Tgt Ion: 41 Resp: 124573
Ion Ratio Lower Upper
41 100
39 81.8 58.8 88.2
76 45.4 39.1 58.7





#15
Acrylonitrile
Concen: 103.079 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

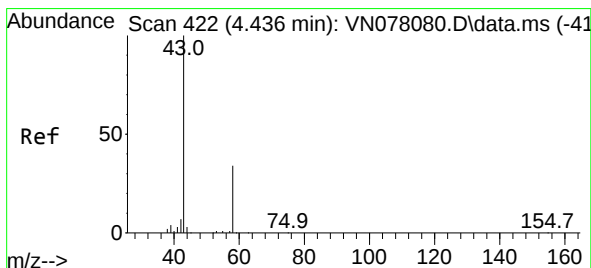
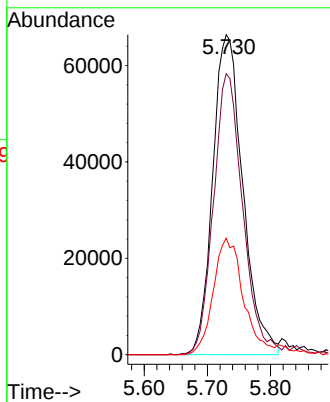
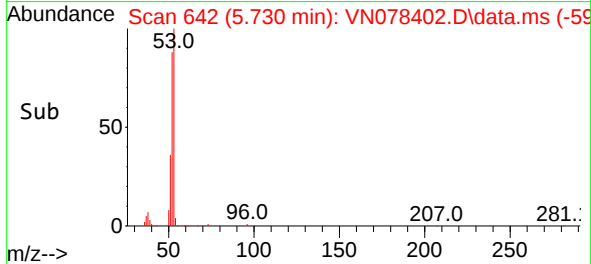
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



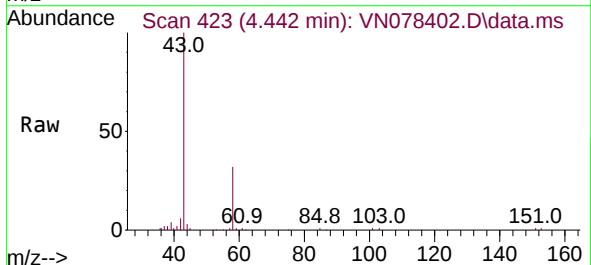
Tgt Ion: 53 Resp: 22038
Ion Ratio Lower Upper
53 100
52 85.1 65.3 97.9
51 36.3 28.9 43.3

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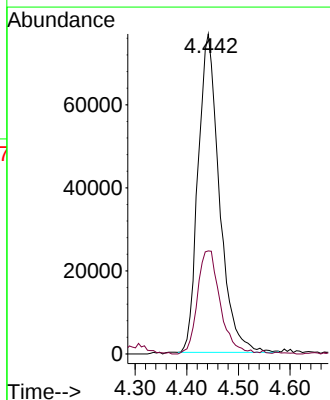
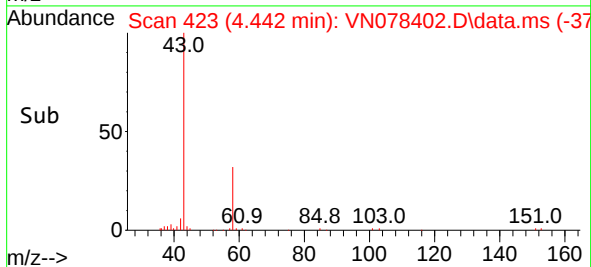
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

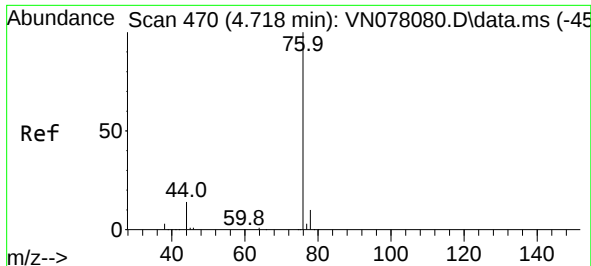


#16
Acetone
Concen: 126.795 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



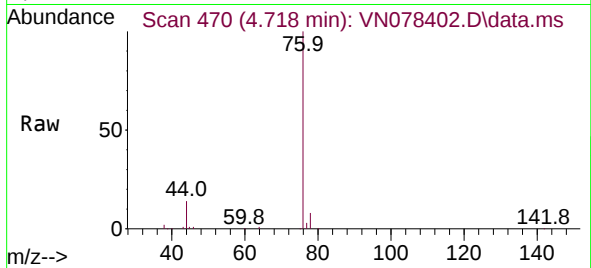
Tgt Ion: 43 Resp: 219186
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 19.592 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

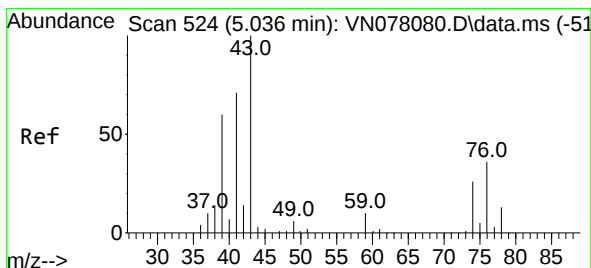
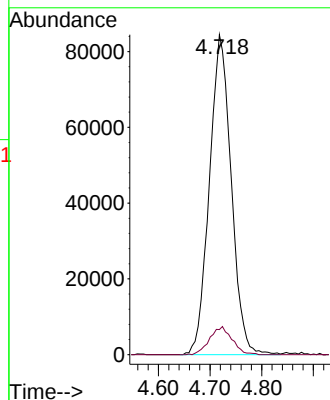
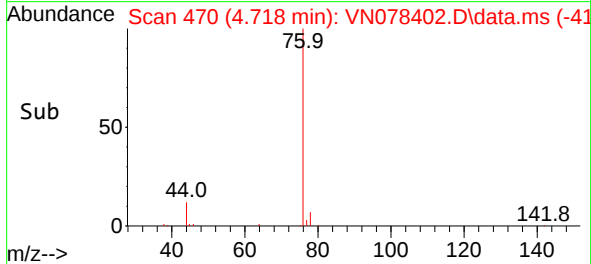
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



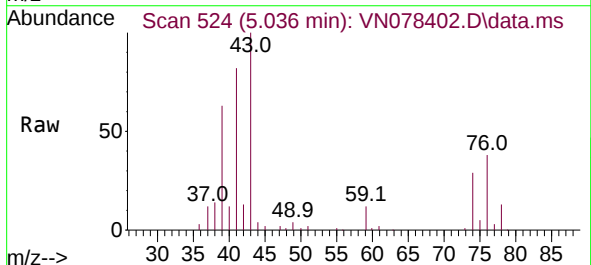
Tgt Ion: 76 Resp: 24805
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

Manual Integrations
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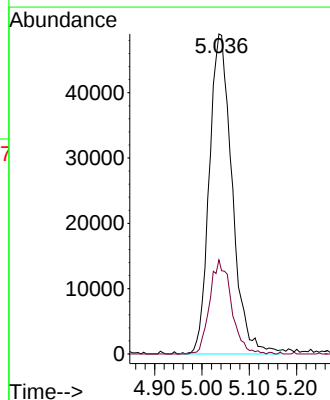
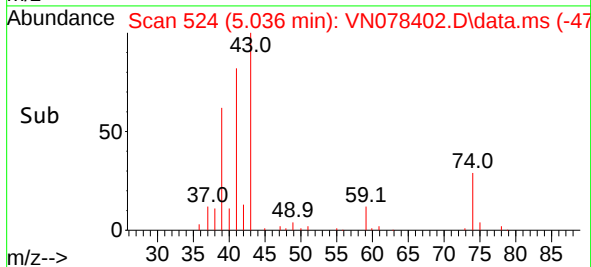
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

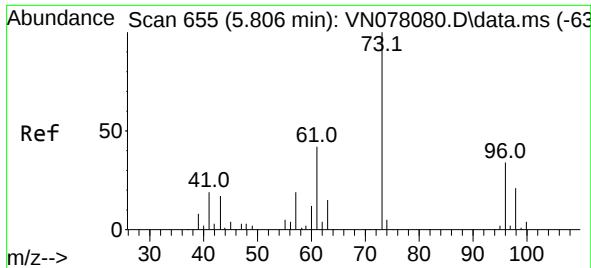


#18
Methyl Acetate
Concen: 20.572 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



Tgt Ion: 43 Resp: 163725
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





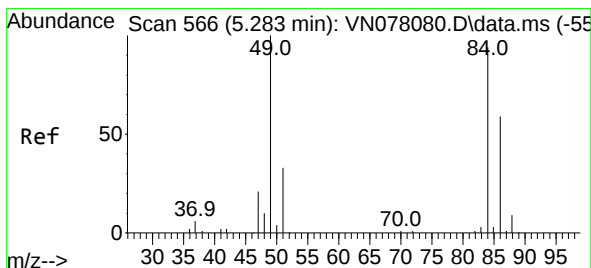
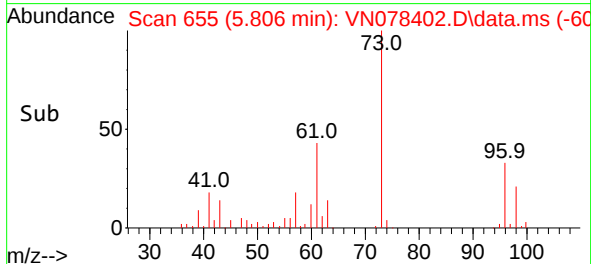
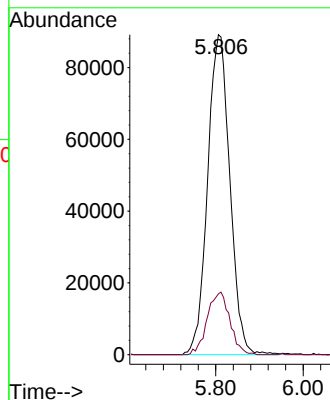
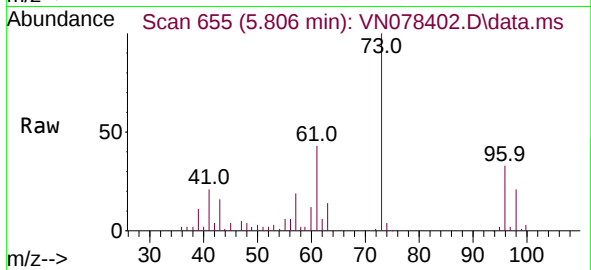
#19
Methyl tert-butyl Ether
Concen: 20.103 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion: 73 Resp: 31548
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

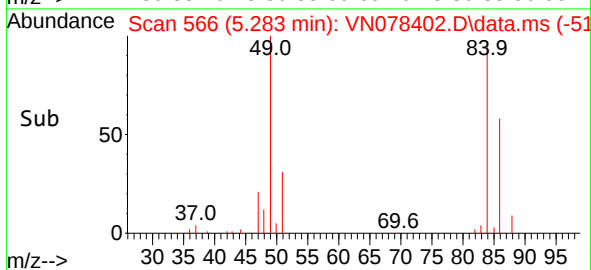
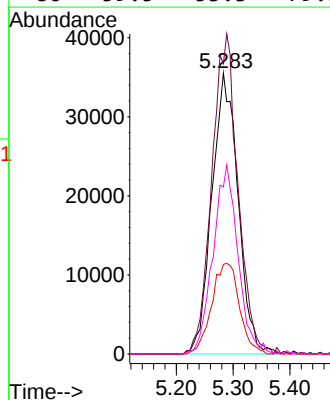
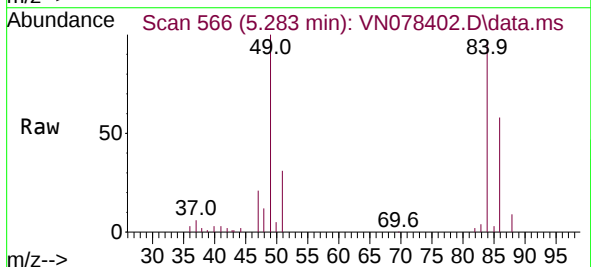
Manual Integrations
APPROVED

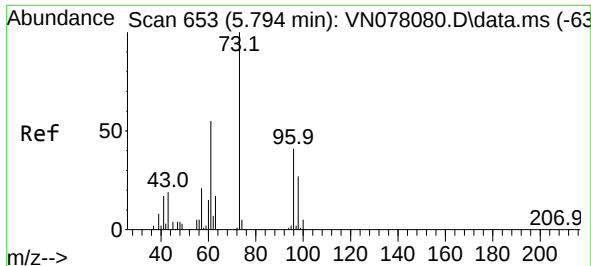
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#20
Methylene Chloride
Concen: 19.896 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

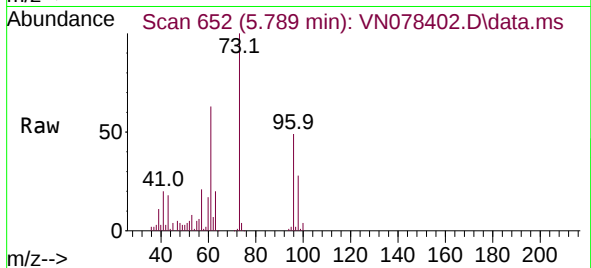
Tgt Ion: 84 Resp: 113656
Ion Ratio Lower Upper
84 100
49 103.3 79.7 119.5
51 31.9 25.2 37.8
86 59.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.854 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

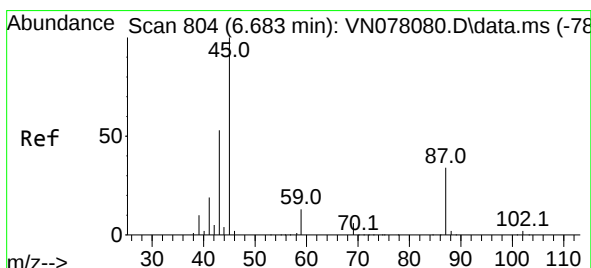
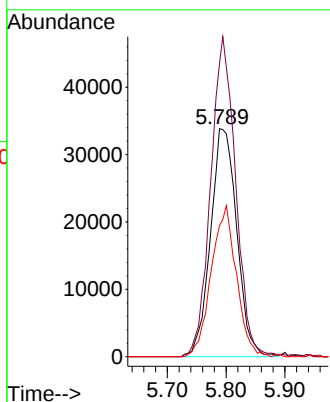
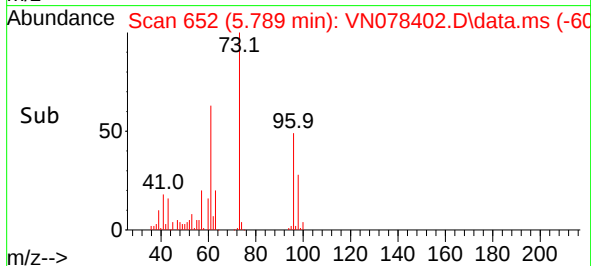
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 96 Resp: 10533
Ion Ratio Lower Upper
96 100
61 128.5 90.1 135.1
98 57.5 46.4 69.6

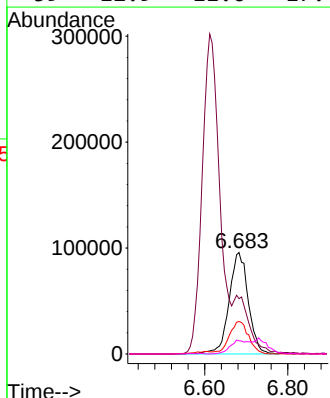
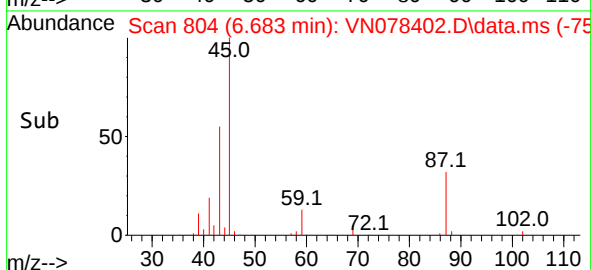
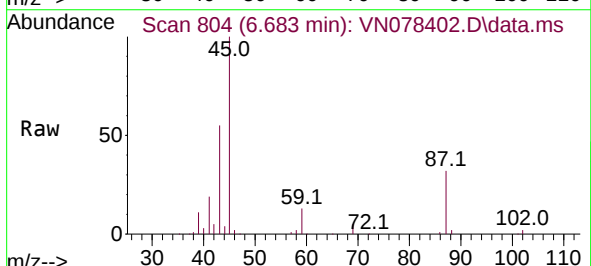
Manual Integrations
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Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#22
Diisopropyl ether
Concen: 21.675 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

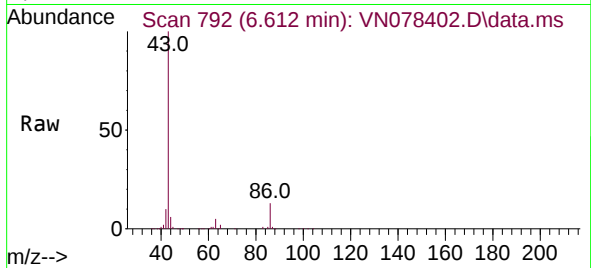
Tgt Ion: 45 Resp: 306126
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 31.8 31.8 47.8#
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 105.114 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078402.D
 Acq: 26 Jun 2023 15:12

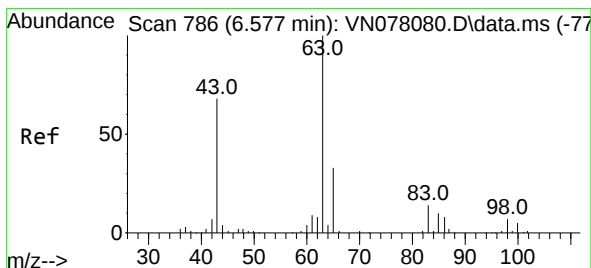
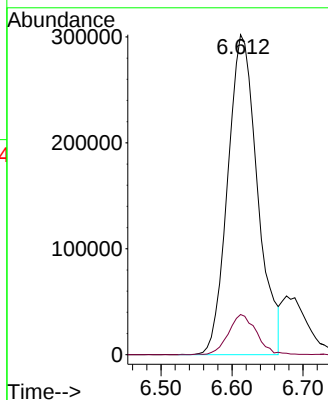
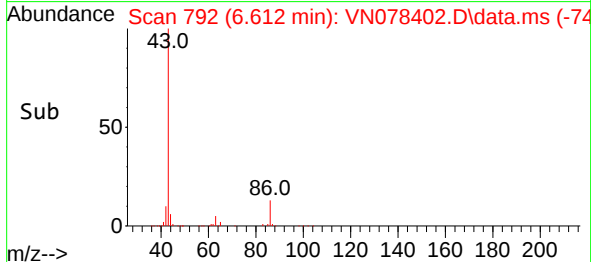
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02



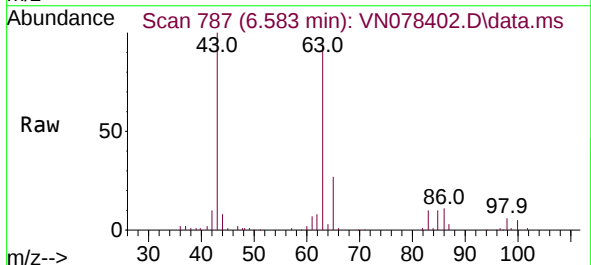
Tgt Ion: 43 Resp: 88251
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

Manual Integrations
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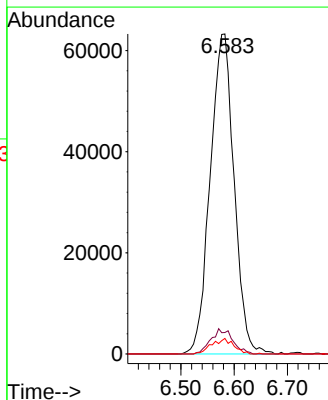
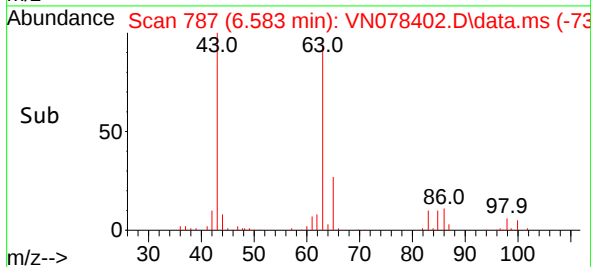
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

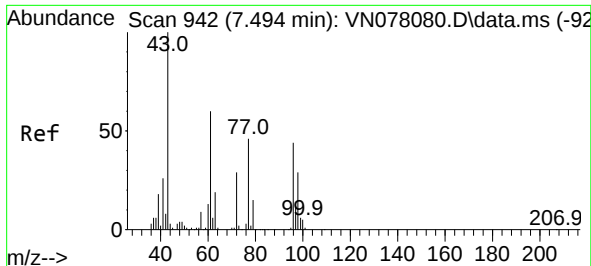


#24
 1,1-Dichloroethane
 Concen: 21.127 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078402.D
 Acq: 26 Jun 2023 15:12



Tgt Ion: 63 Resp: 196844
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.9 2.5 7.4





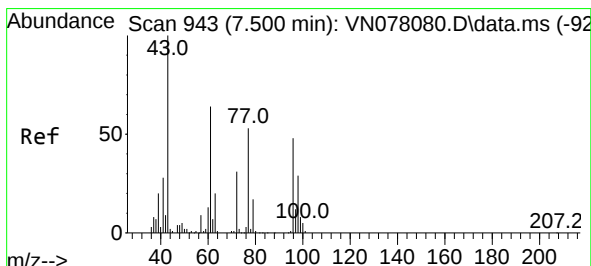
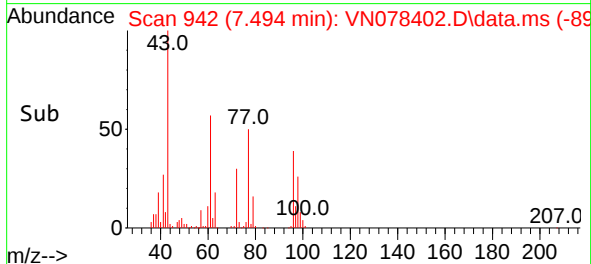
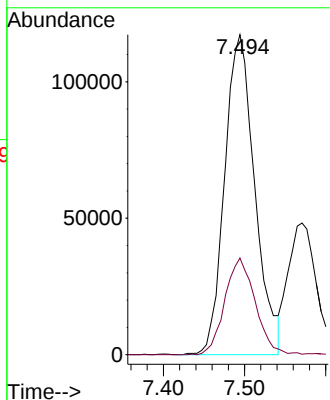
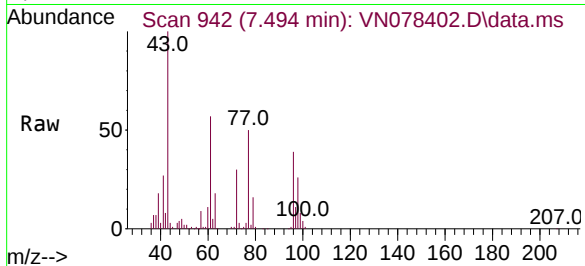
#25
2-Butanone
Concen: 113.912 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion: 43 Resp: 30281
Ion Ratio Lower Upper
43 100
72 30.2 30.2 45.2

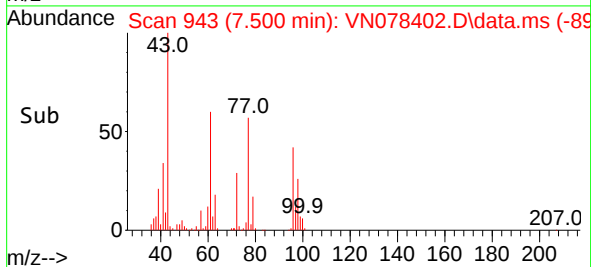
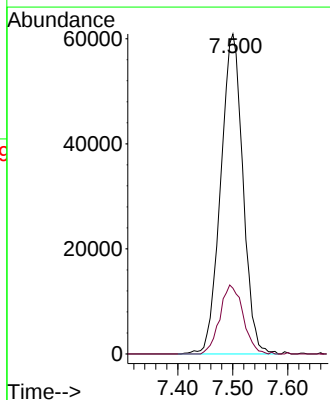
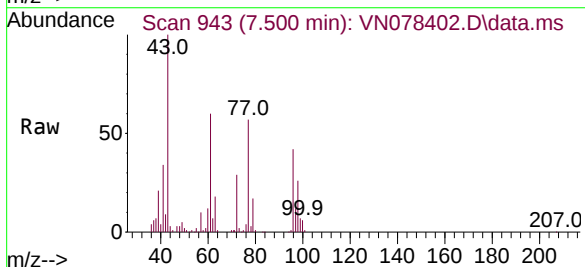
Manual Integrations
APPROVED

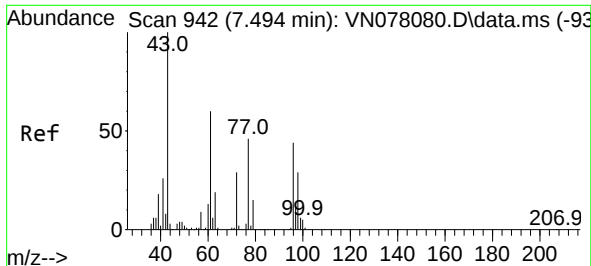
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
2,2-Dichloropropane
Concen: 24.837 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

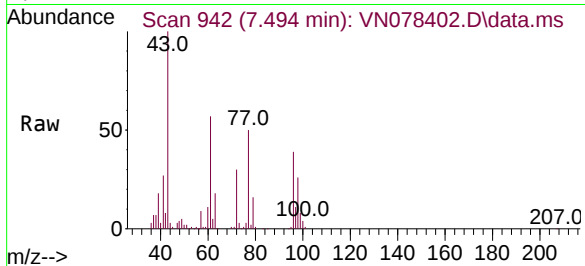
Tgt Ion: 77 Resp: 170865
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.599 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078402.D
 Acq: 26 Jun 2023 15:12

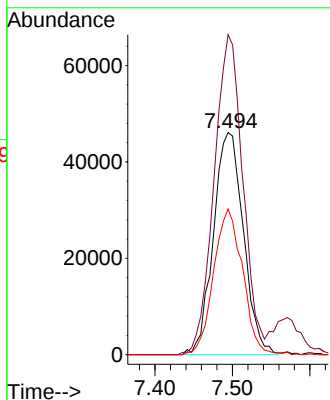
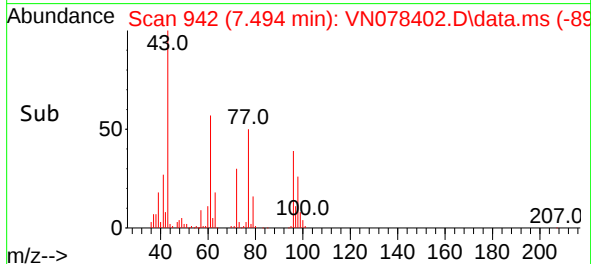
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02



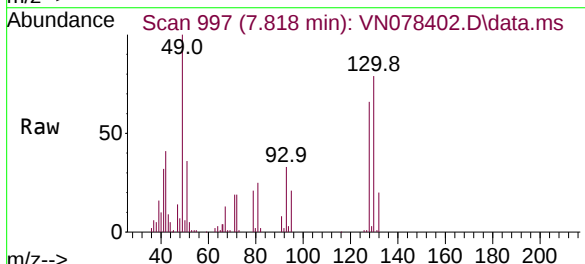
Tgt Ion: 96 Resp: 124024
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 255.2
 98 63.4 0.0 128.8

Manual Integrations
 APPROVED

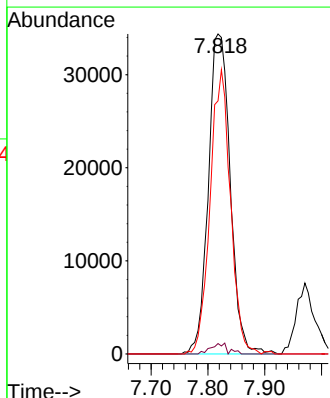
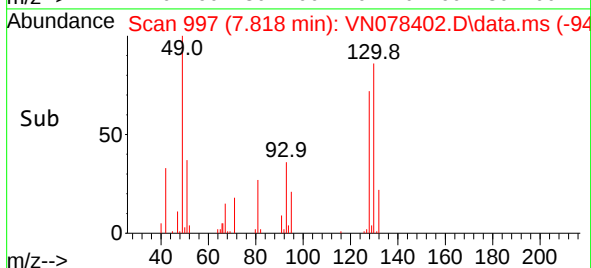
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

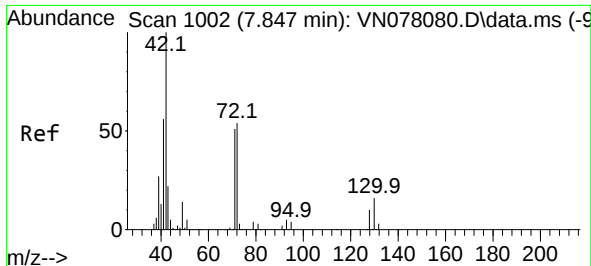


#28
 Bromochloromethane
 Concen: 21.484 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078402.D
 Acq: 26 Jun 2023 15:12



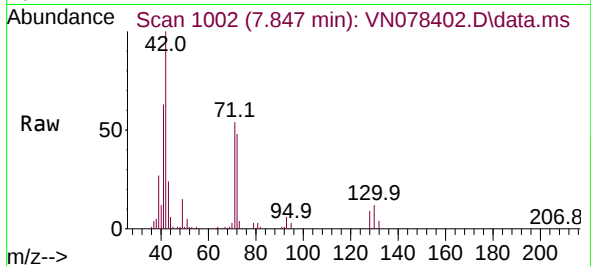
Tgt Ion: 49 Resp: 91905
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 82.4 75.3 112.9





#29
Tetrahydrofuran
Concen: 103.124 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

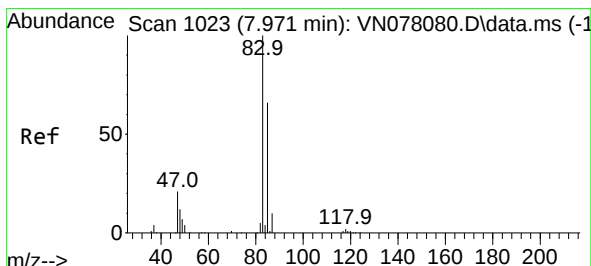
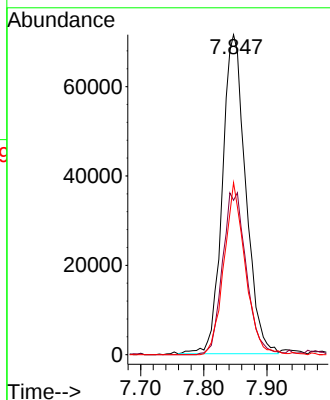
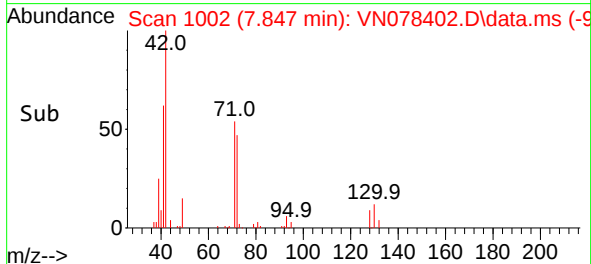
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



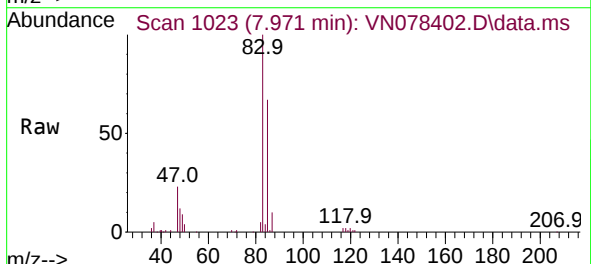
Tgt Ion: 42 Resp: 183262
Ion Ratio Lower Upper
42 100
72 52.3 49.8 74.6
71 49.2 47.4 71.2

Manual Integrations
APPROVED

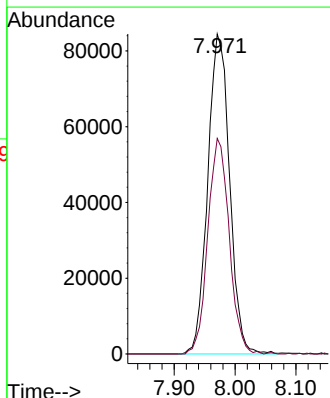
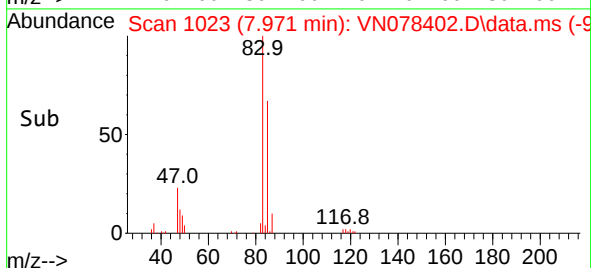
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

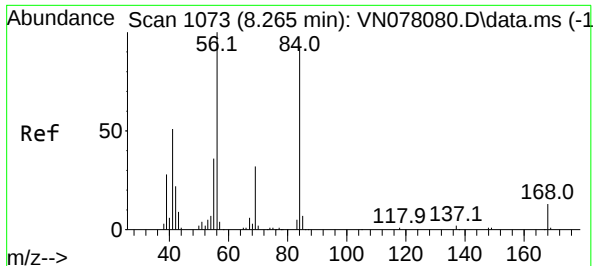


#30
Chloroform
Concen: 20.982 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



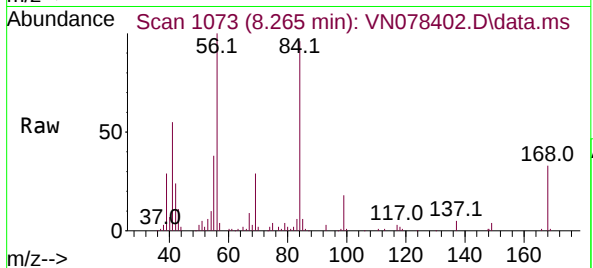
Tgt Ion: 83 Resp: 210510
Ion Ratio Lower Upper
83 100
85 67.3 55.4 83.0





#31
Cyclohexane
Concen: 19.651 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

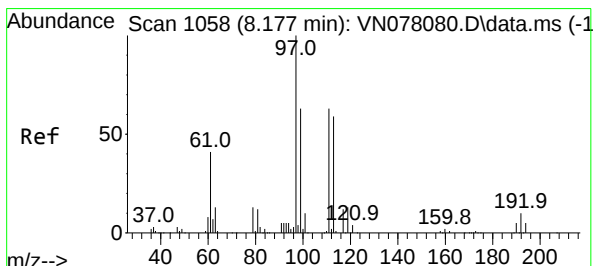
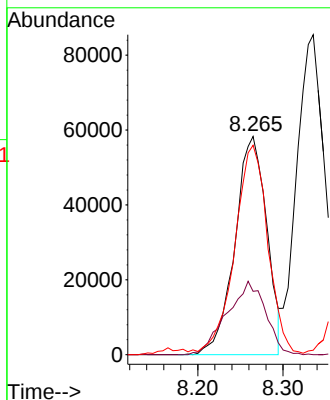
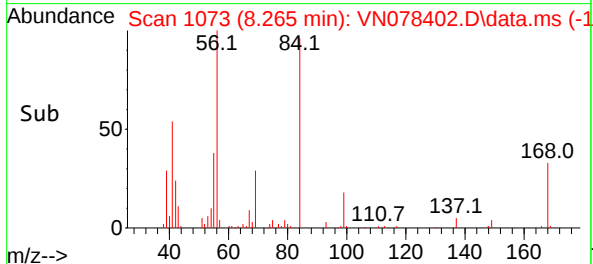
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



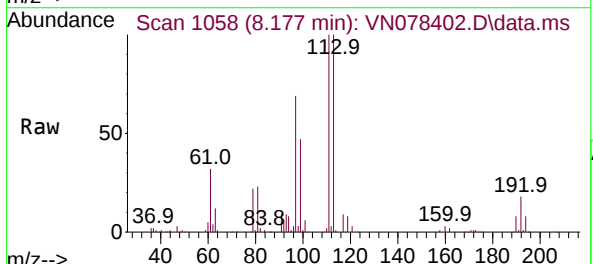
Tgt Ion: 56 Resp: 15139
Ion Ratio Lower Upper
56 100
69 29.0 26.8 40.2
84 94.0 81.8 122.6

Manual Integrations
APPROVED

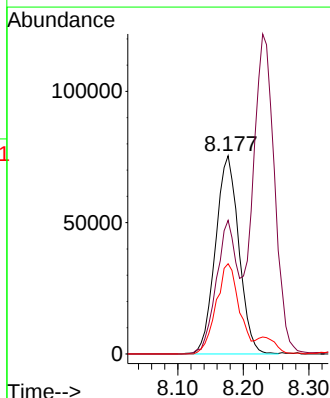
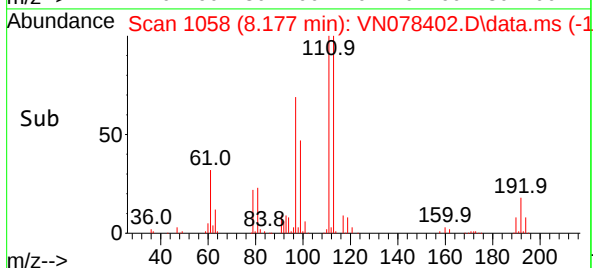
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

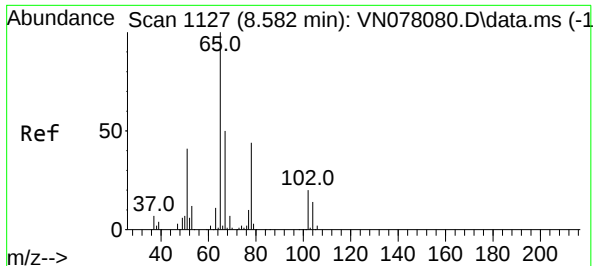


#32
1,1,1-Trichloroethane
Concen: 21.177 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



Tgt Ion: 97 Resp: 186530
Ion Ratio Lower Upper
97 100
99 58.7 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.151 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

Tgt Ion: 65 Resp: 301190

Ion Ratio Lower Upper

65 100

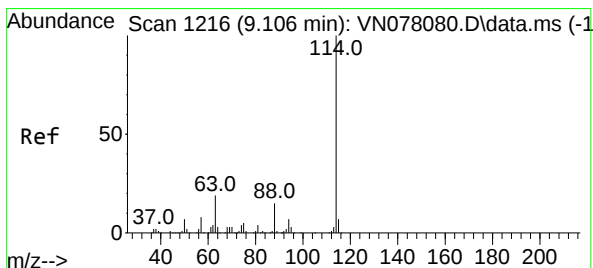
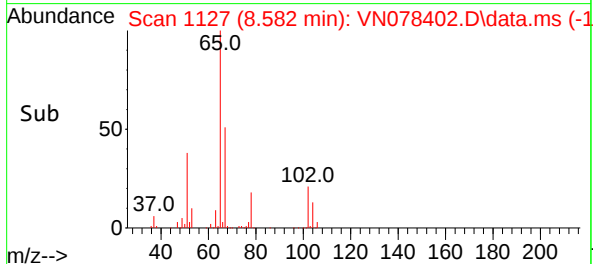
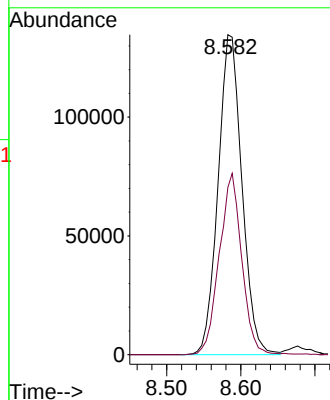
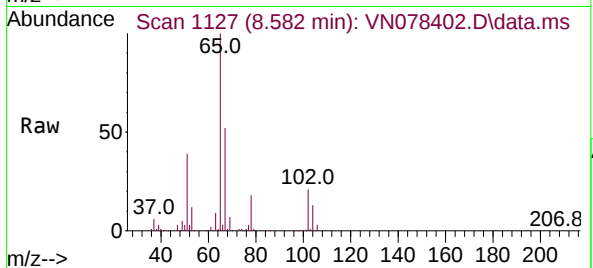
67 53.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

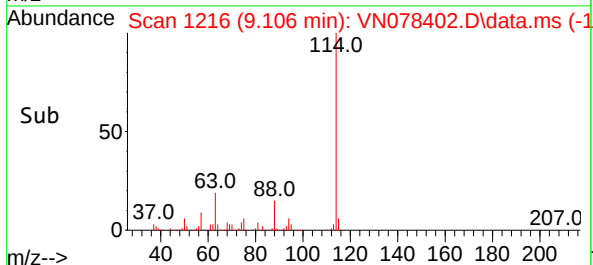
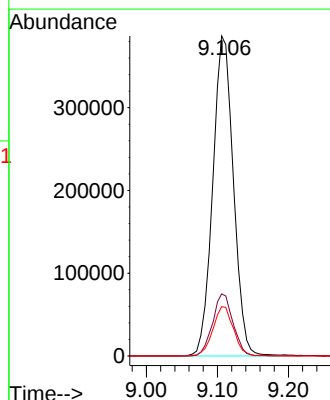
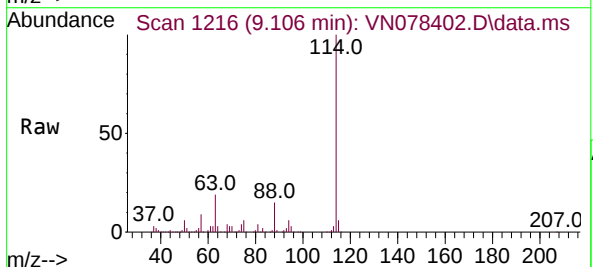
Tgt Ion:114 Resp: 780534

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.830 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

Tgt Ion: 113 Resp: 26072

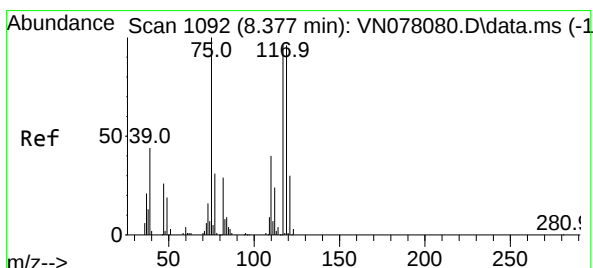
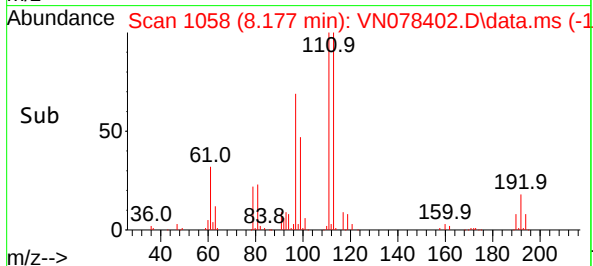
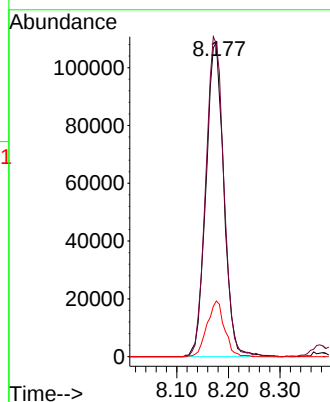
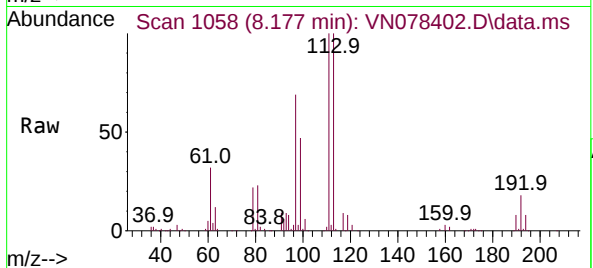
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	17.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/27/2023

Supervised By : Mahesh Dadoda 06/27/2023



#36

1,1-Dichloropropene

Concen: 21.916 ug/l

RT: 8.382 min Scan# 1093

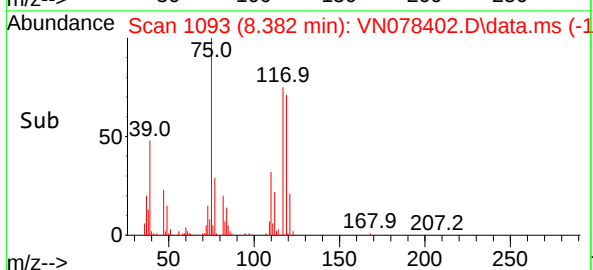
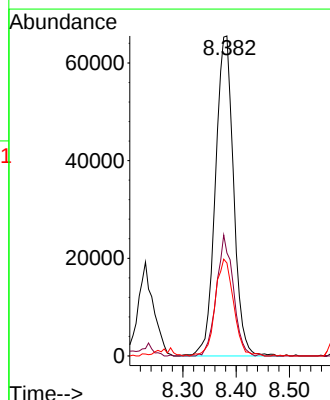
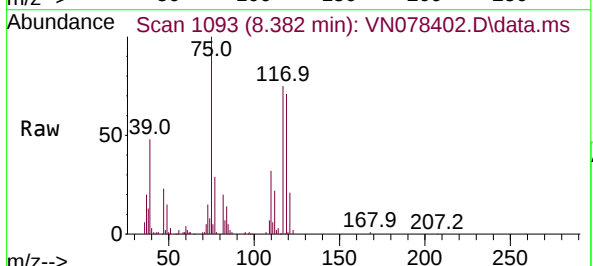
Delta R.T. 0.006 min

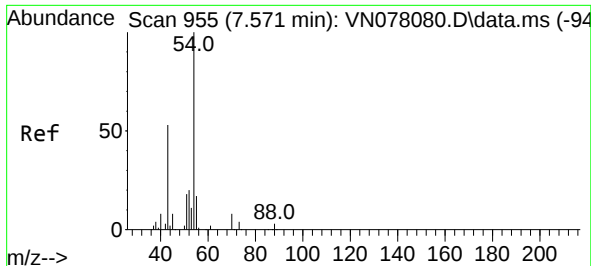
Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Tgt Ion: 75 Resp: 155142

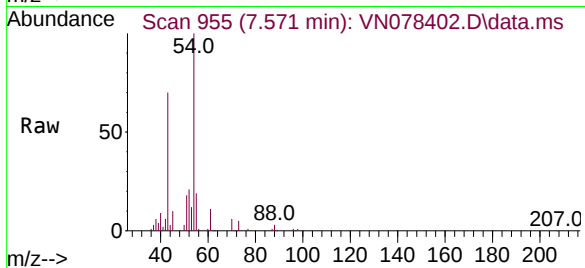
Ion	Ratio	Lower	Upper
75	100		
110	35.1	19.1	57.3
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 22.080 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

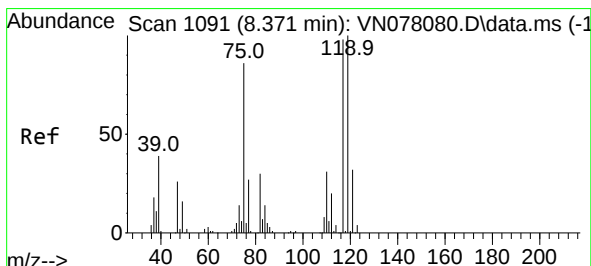
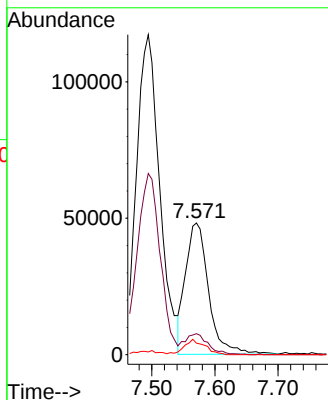
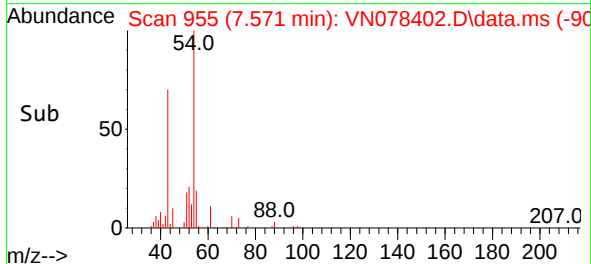
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 43 Resp: 122107
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 10.4 11.3 16.9

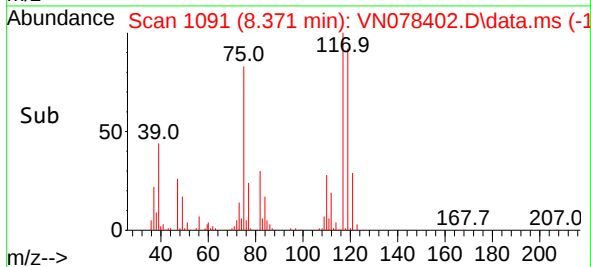
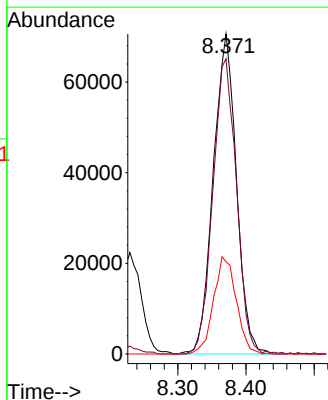
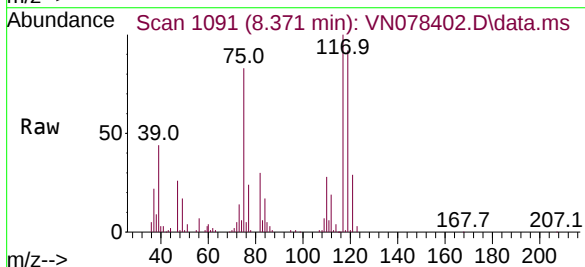
Manual Integrations
APPROVED

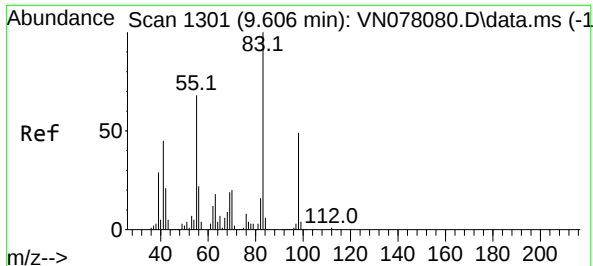
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#38
Carbon Tetrachloride
Concen: 22.323 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Tgt Ion:117 Resp: 166859
Ion Ratio Lower Upper
117 100
119 92.2 77.3 115.9
121 28.8 23.3 34.9





#39

Methylcyclohexane

Concen: 18.343 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

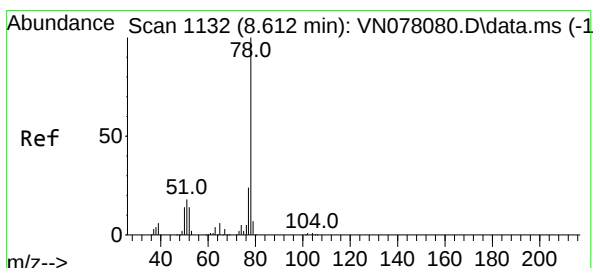
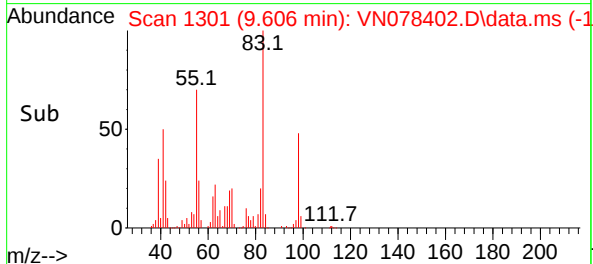
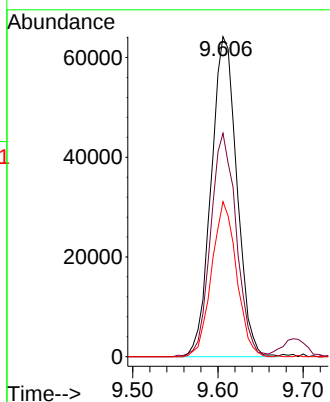
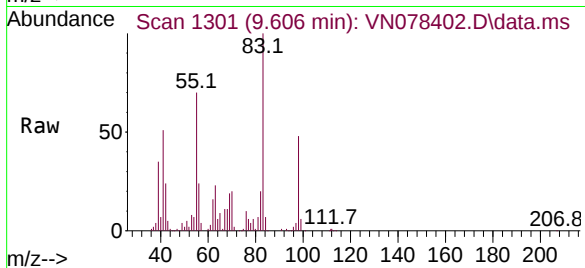
Tgt Ion:	83	Resp:	134564
Ion Ratio	Lower	Upper	
83	100		
55	69.4	49.1	73.7
98	48.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#40

Benzene

Concen: 22.151 ug/l

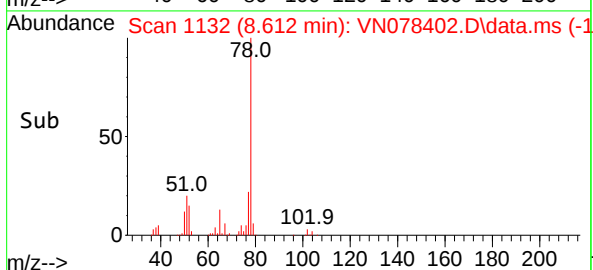
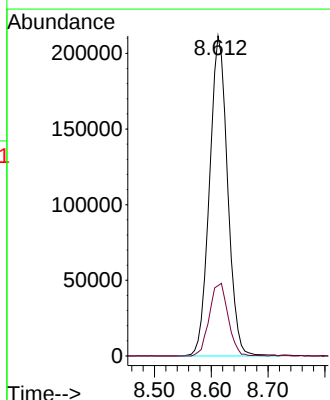
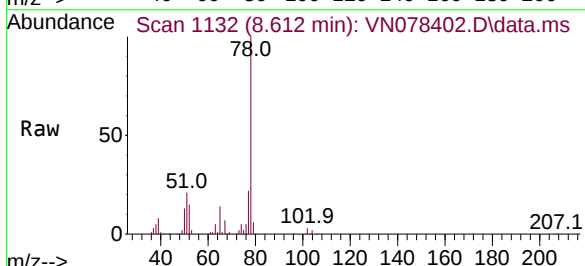
RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

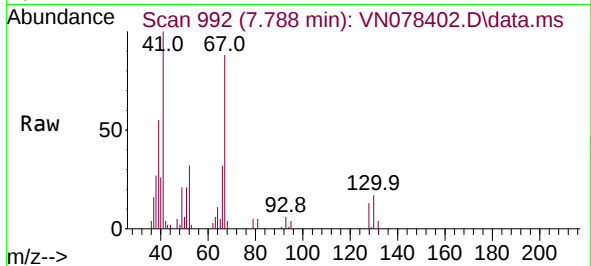
Tgt Ion:	78	Resp:	468137
Ion Ratio	Lower	Upper	
78	100		
77	22.0	19.0	28.6





#41
Methacrylonitrile
Concen: 22.487 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

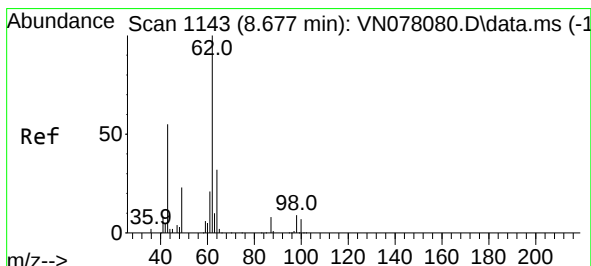
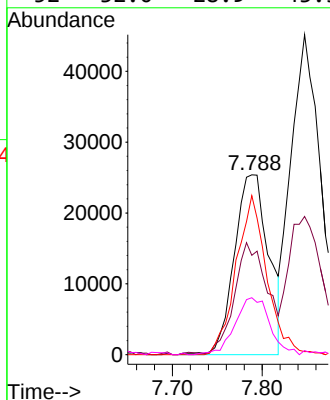
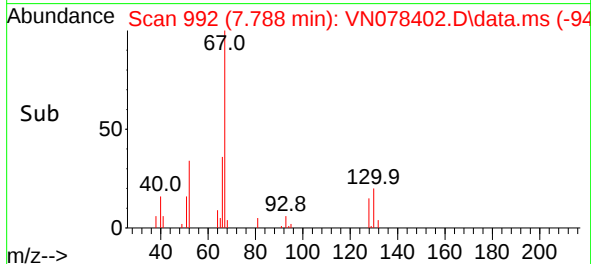
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 41 Resp: 67404
Ion Ratio Lower Upper
41 100
39 58.6 42.6 64.0
67 79.3 77.5 116.3
52 32.0 28.9 43.3

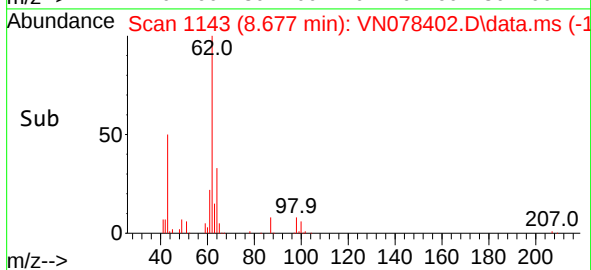
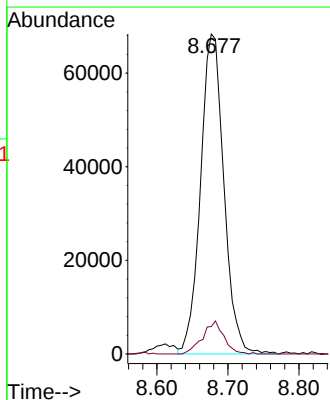
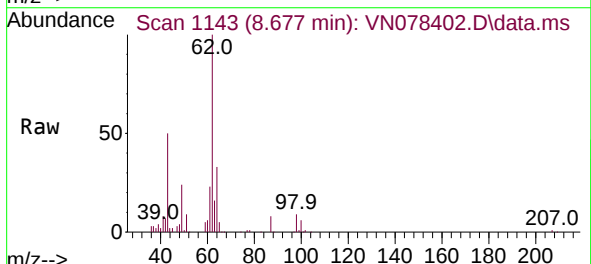
Manual Integrations
APPROVED

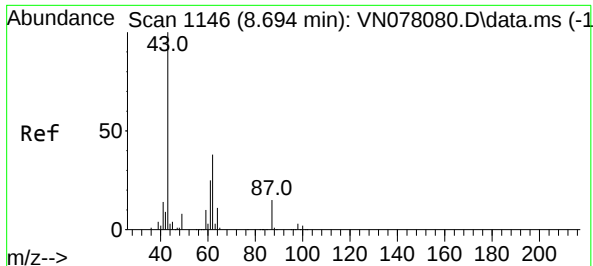
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#42
1,2-Dichloroethane
Concen: 21.592 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

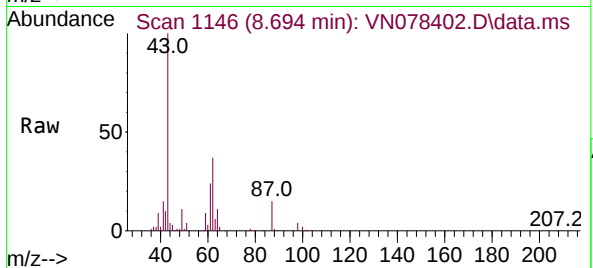
Tgt Ion: 62 Resp: 156457
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.205 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

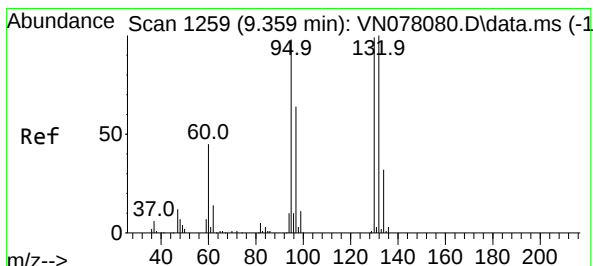
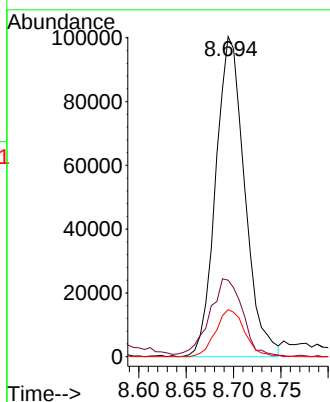
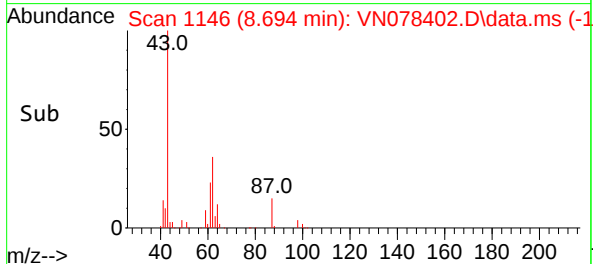
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 43 Resp: 21368
Ion Ratio Lower Upper
43 100
61 28.1 24.7 37.1
87 14.7 14.6 21.8

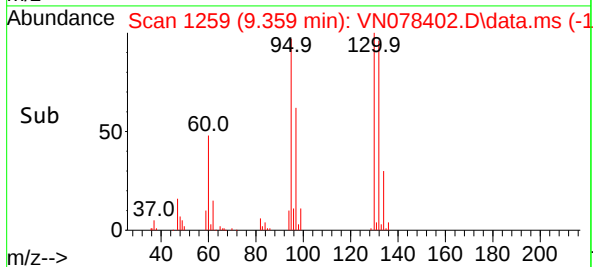
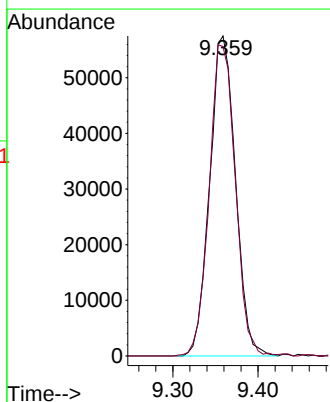
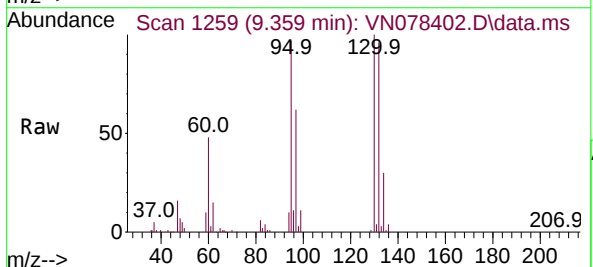
Manual Integrations
APPROVED

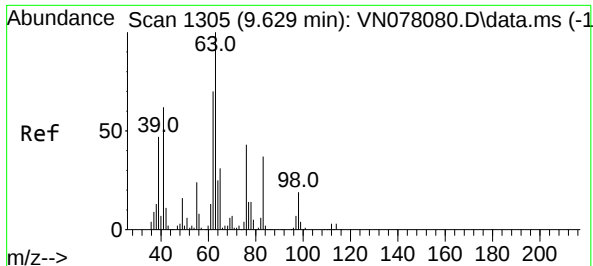
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#44
Trichloroethene
Concen: 21.651 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Tgt Ion:130 Resp: 120836
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.817 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

Tgt Ion: 63 Resp: 114718

Ion Ratio Lower Upper

63 100

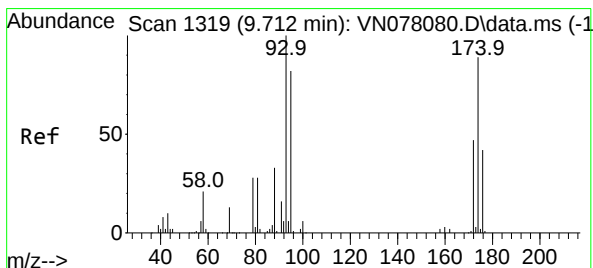
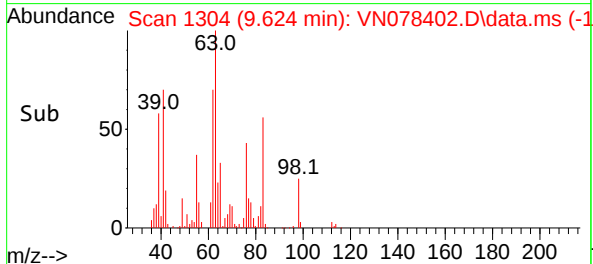
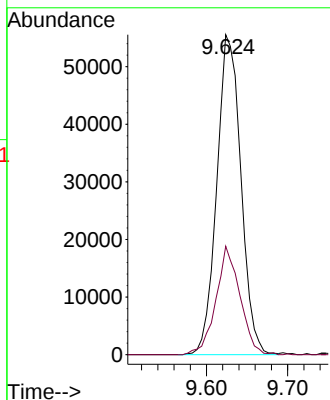
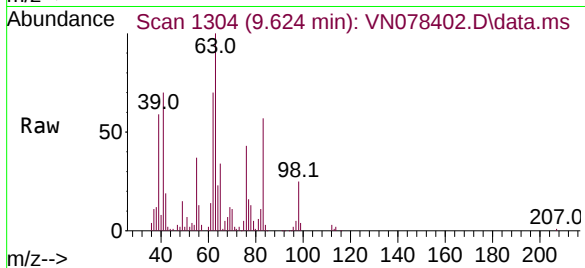
65 33.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#46

Dibromomethane

Concen: 21.897 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

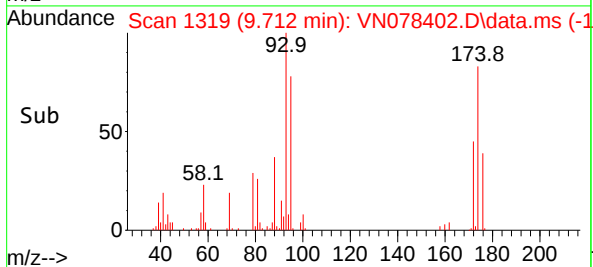
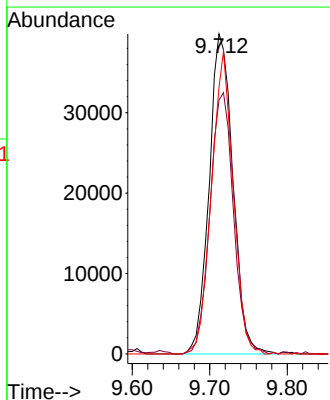
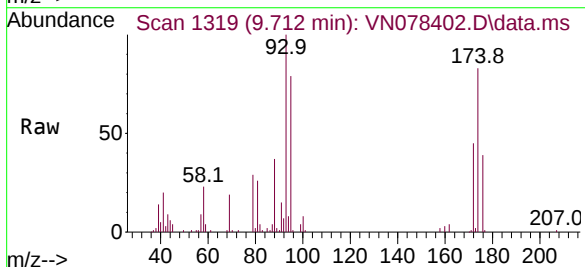
Tgt Ion: 93 Resp: 84804

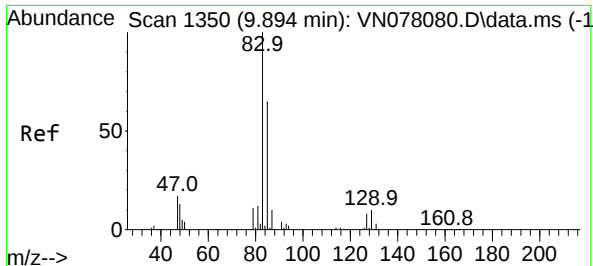
Ion Ratio Lower Upper

93 100

95 81.0 63.8 95.8

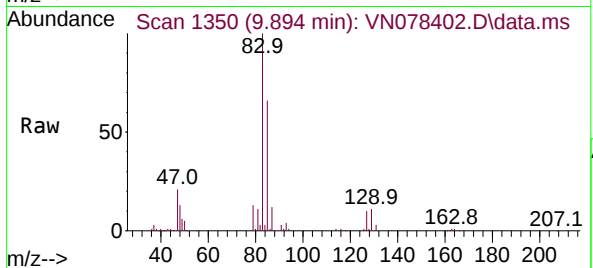
174 86.5 65.6 98.4





#47
Bromodichloromethane
Concen: 23.019 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

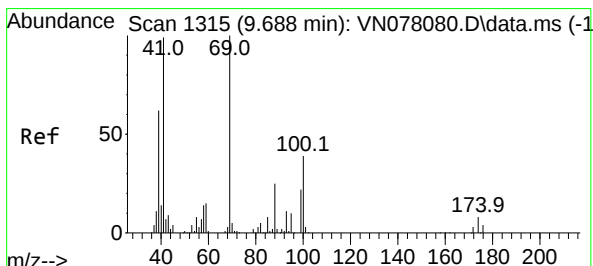
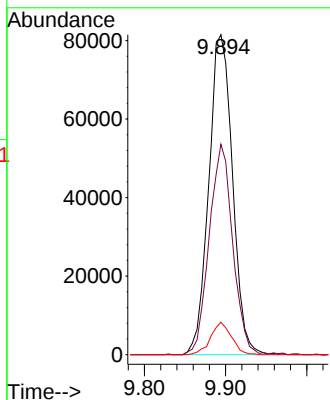
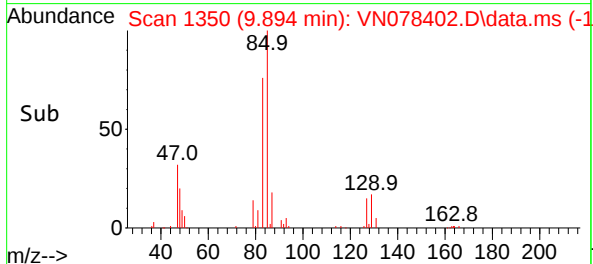
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 83 Resp: 16560
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 10.2 7.0 10.6

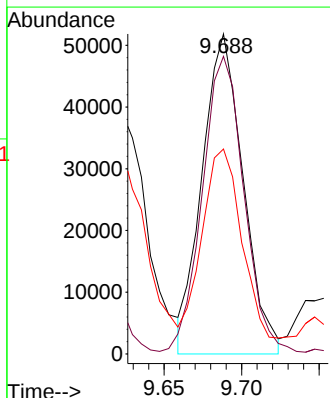
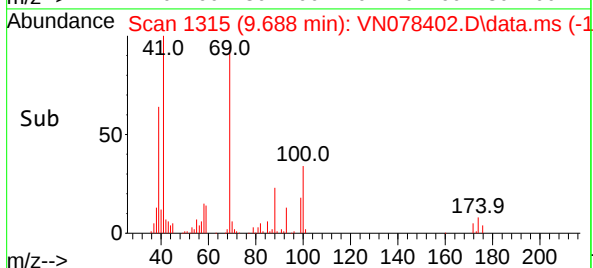
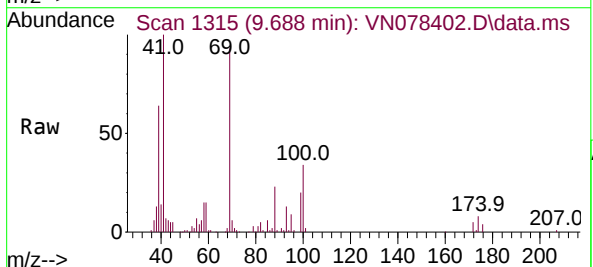
Manual Integrations
APPROVED

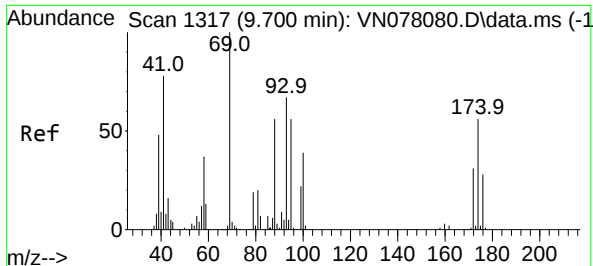
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#48
Methyl methacrylate
Concen: 21.509 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

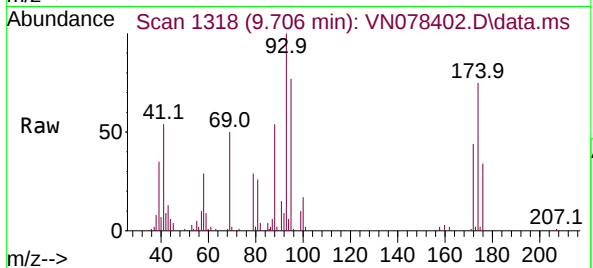
Tgt Ion: 41 Resp: 95464
Ion Ratio Lower Upper
41 100
69 93.9 90.4 135.6
39 65.9 54.6 81.8





#49
1,4-Dioxane
Concen: 418.434 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

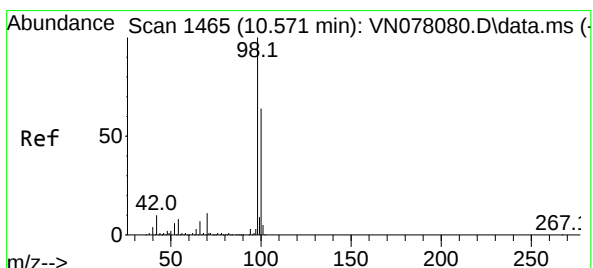
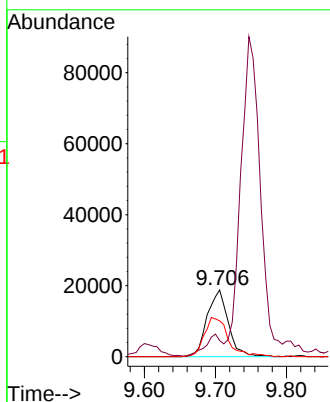
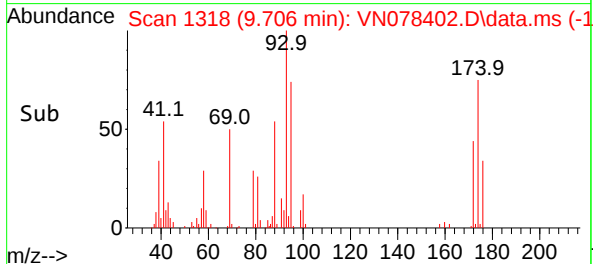
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



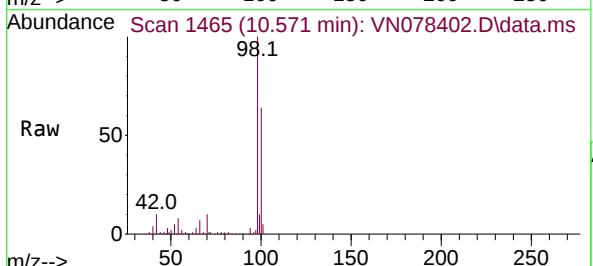
Tgt Ion: 88 Resp: 3903
Ion Ratio Lower Upper
88 100
43 26.3 17.0 25.6
58 66.4 47.0 70.4

Manual Integrations
APPROVED

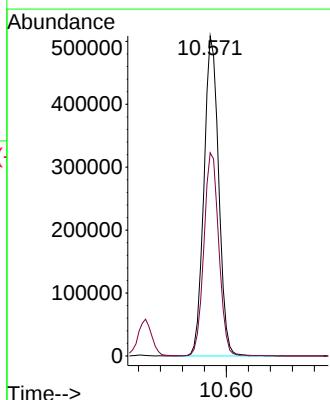
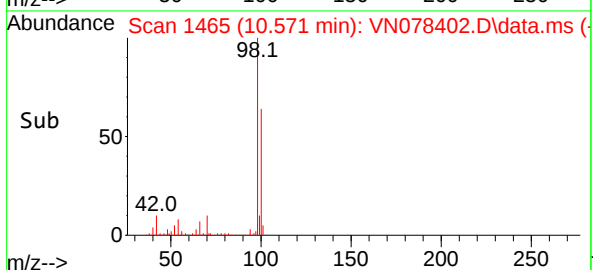
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

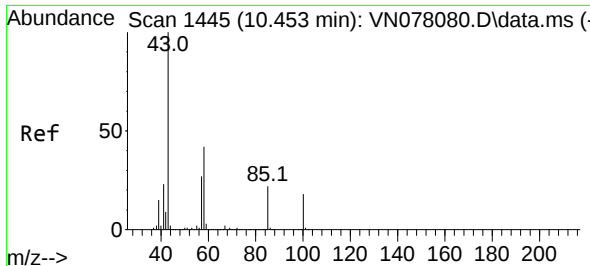


#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



Tgt Ion: 98 Resp: 944640
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





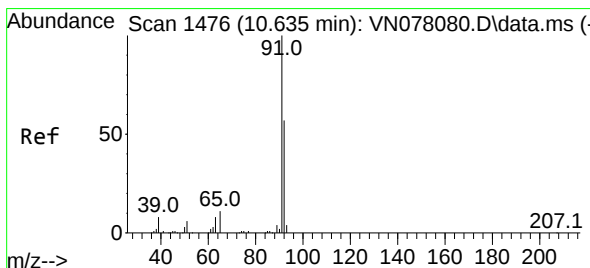
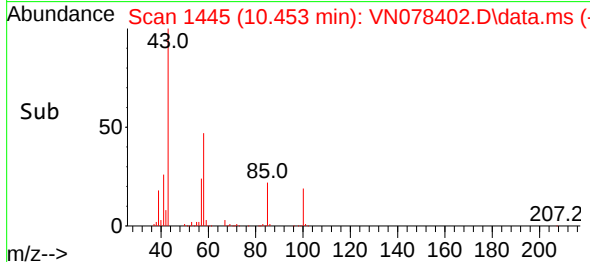
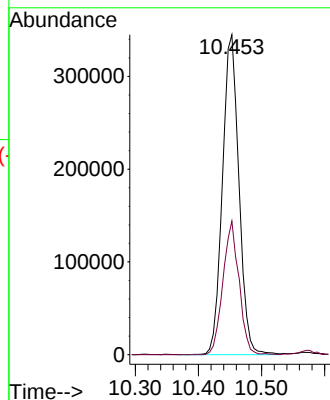
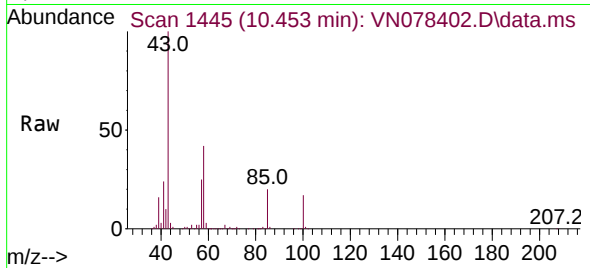
#51
4-Methyl-2-Pentanone
Concen: 112.255 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion: 43 Resp: 625174
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

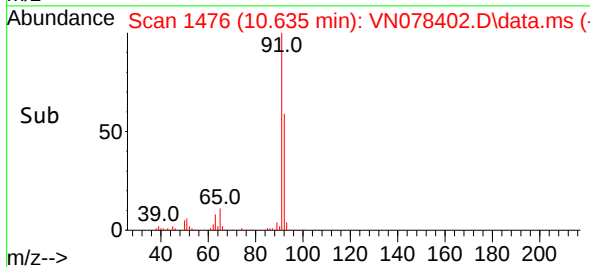
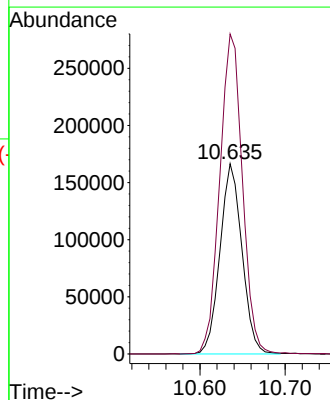
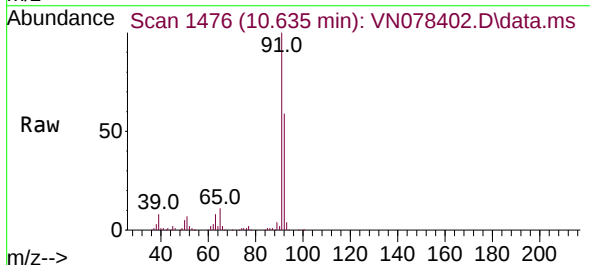
Manual Integrations
APPROVED

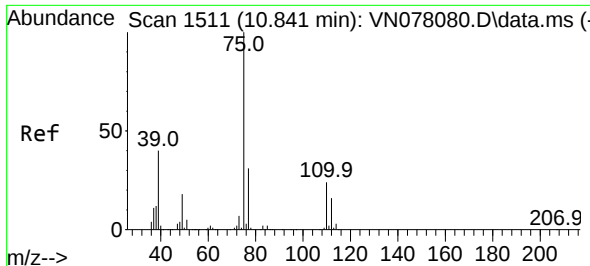
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#52
Toluene
Concen: 22.388 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Tgt Ion: 92 Resp: 298729
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.0





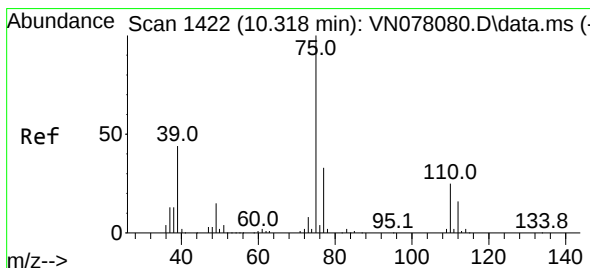
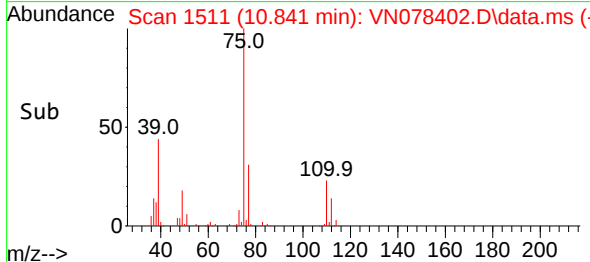
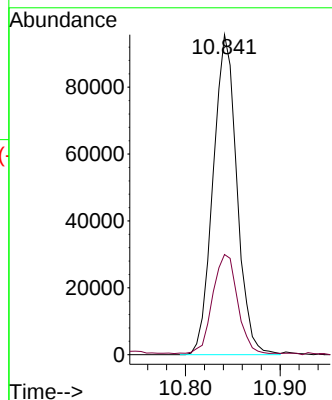
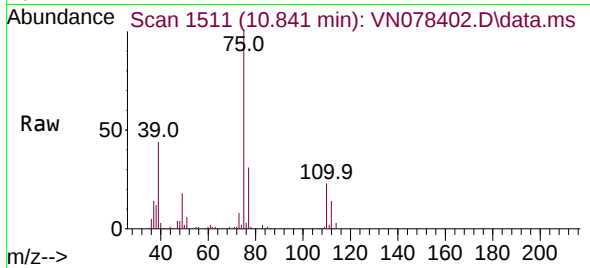
#53
t-1,3-Dichloropropene
Concen: 22.301 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion: 75 Resp: 167085
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

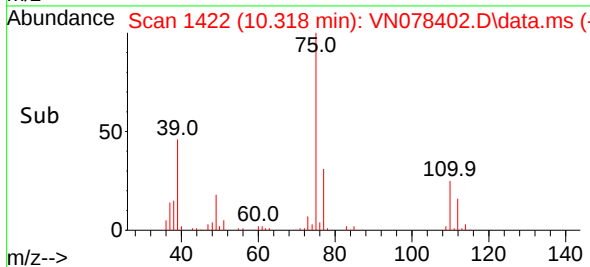
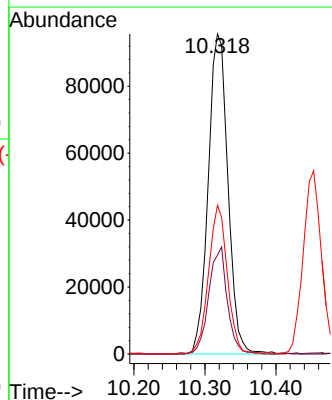
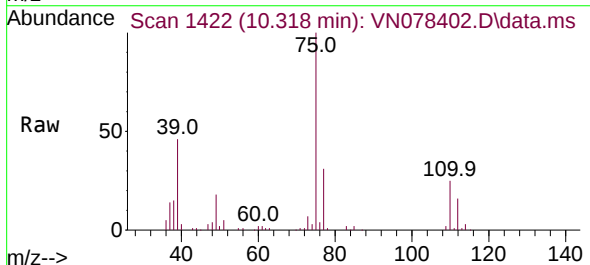
Manual Integrations
APPROVED

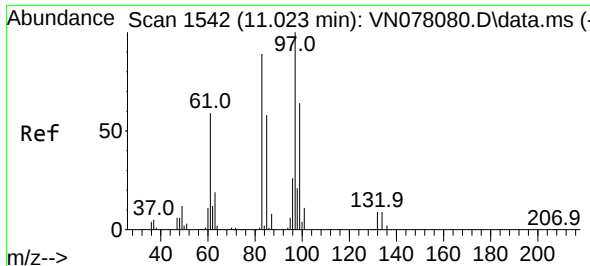
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#54
cis-1,3-Dichloropropene
Concen: 22.251 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

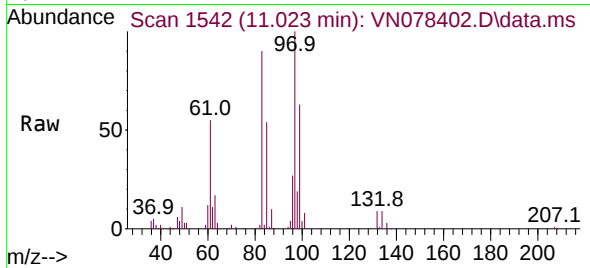
Tgt Ion: 75 Resp: 184288
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 46.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.052 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

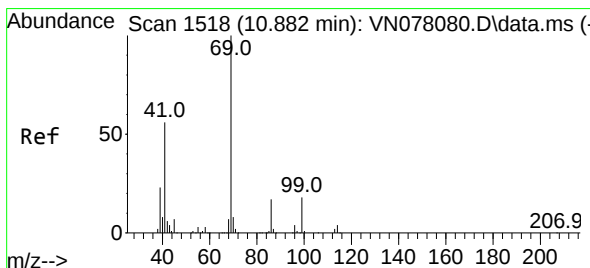
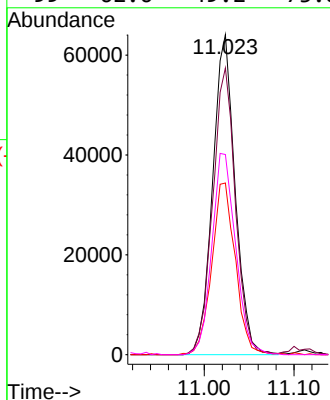
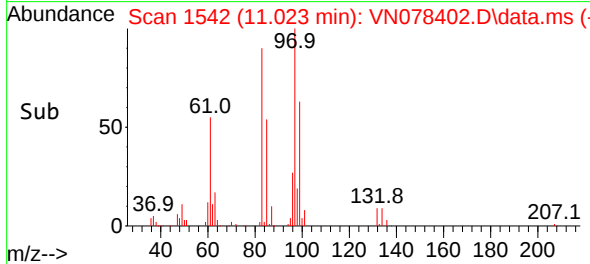
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



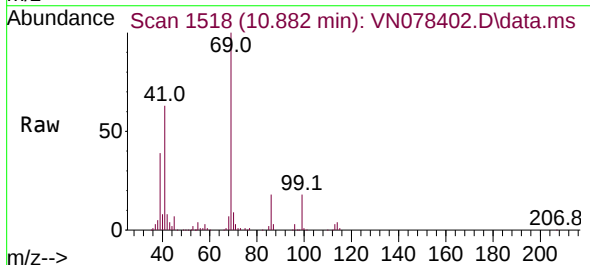
Tgt Ion:	97	Resp:	111310
Ion Ratio	100	Lower	Upper
97	100		
83	89.6	65.1	97.7
85	53.6	43.4	65.2
99	62.6	49.2	73.8

Manual Integrations
APPROVED

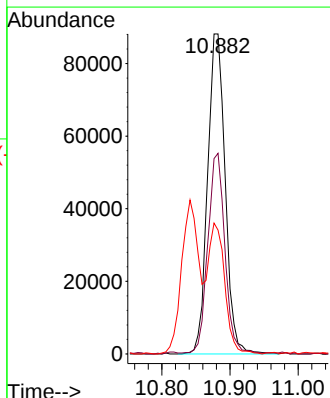
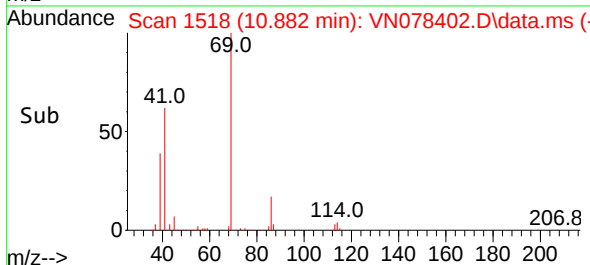
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

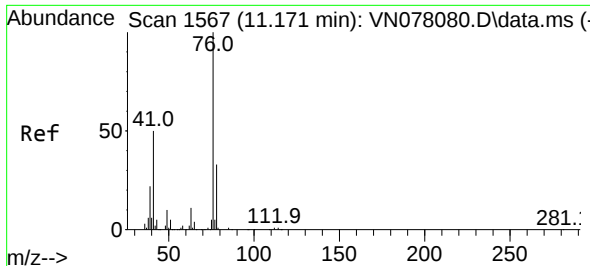


#56
Ethyl methacrylate
Concen: 21.562 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



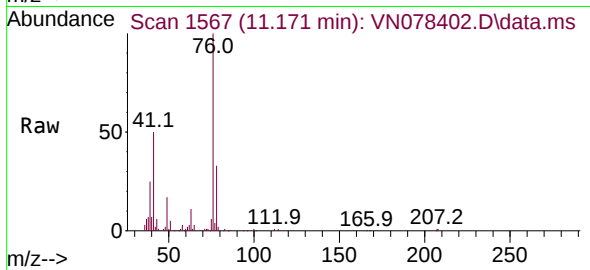
Tgt Ion:	69	Resp:	158478
Ion Ratio	100	Lower	Upper
69	100		
41	60.2	39.6	59.4
39	39.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 22.308 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

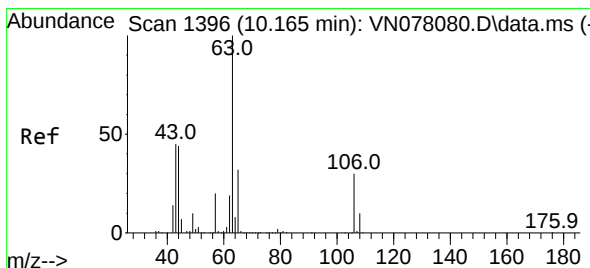
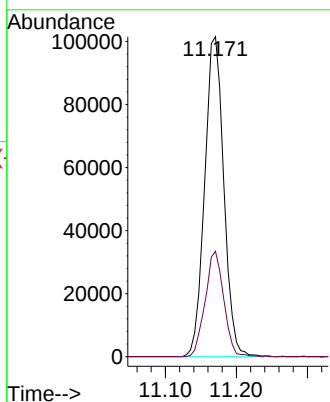
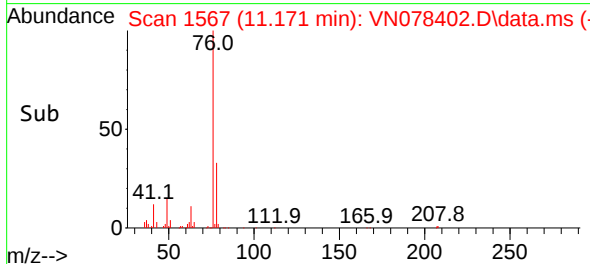
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



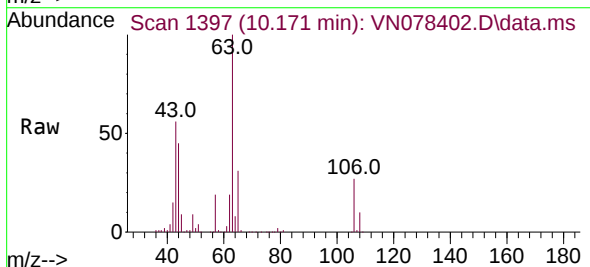
Tgt Ion: 76 Resp: 19006
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

Manual Integrations
APPROVED

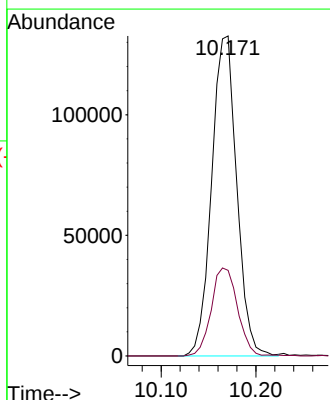
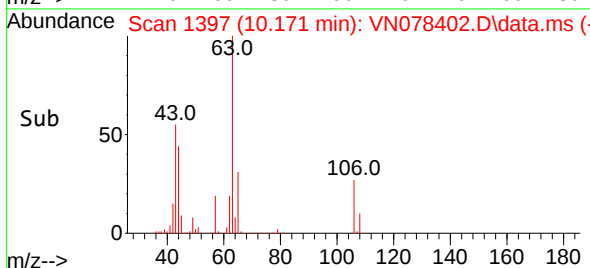
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

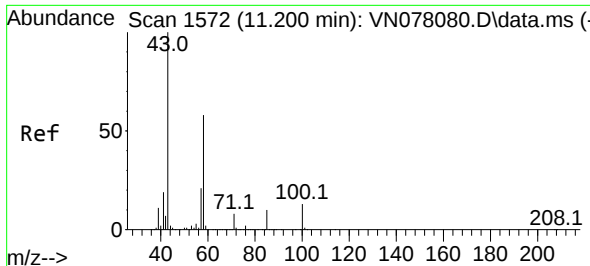


#58
2-Chloroethyl Vinyl ether
Concen: 82.220 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



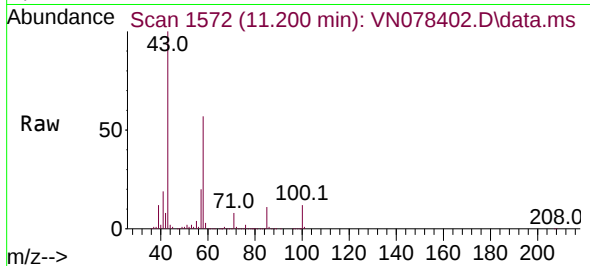
Tgt Ion: 63 Resp: 244116
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4





#59
2-Hexanone
Concen: 116.301 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

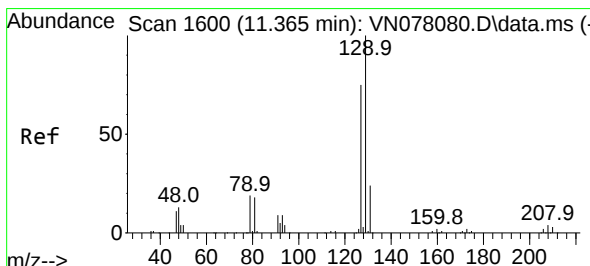
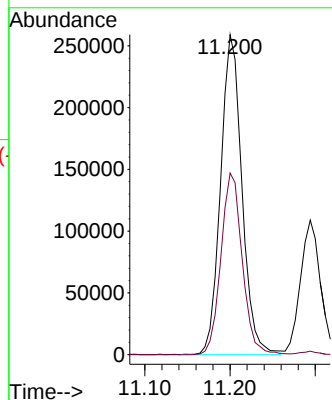
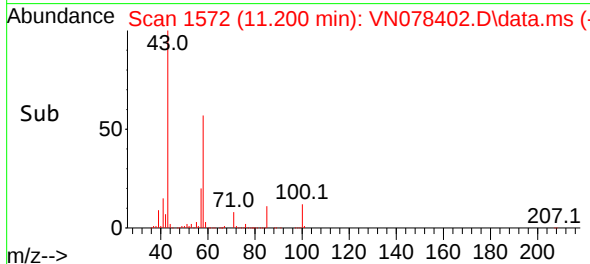
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 43 Resp: 450992
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1

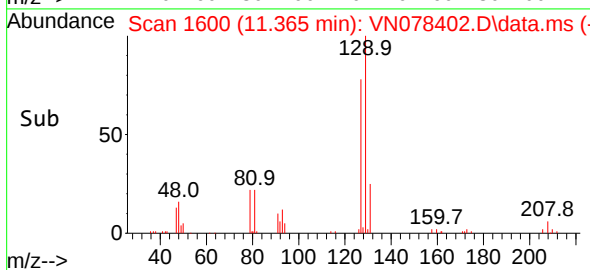
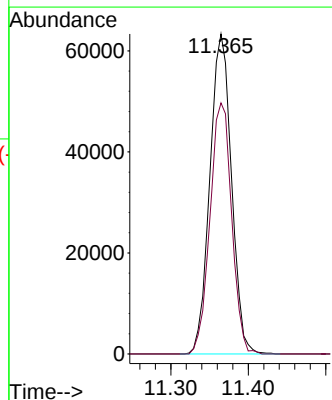
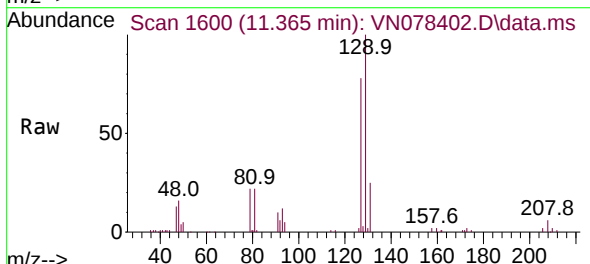
Manual Integrations
APPROVED

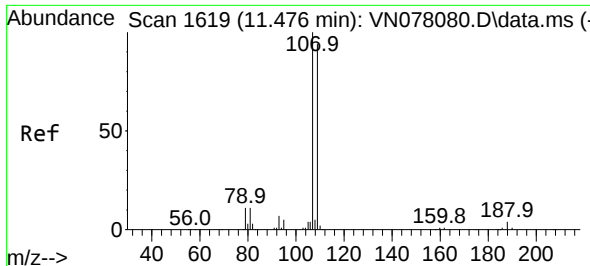
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#60
Dibromochloromethane
Concen: 22.177 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

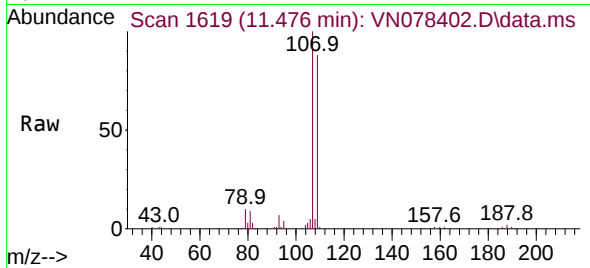
Tgt Ion:129 Resp: 122494
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.847 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

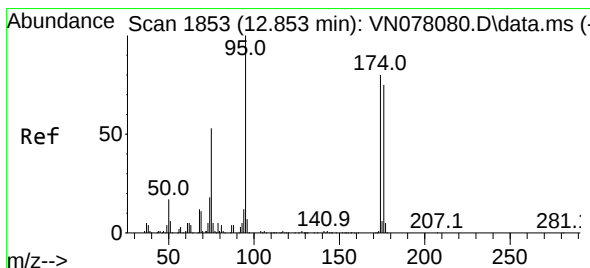
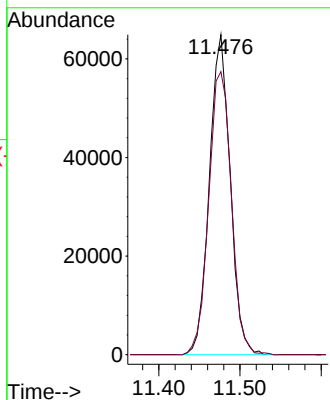
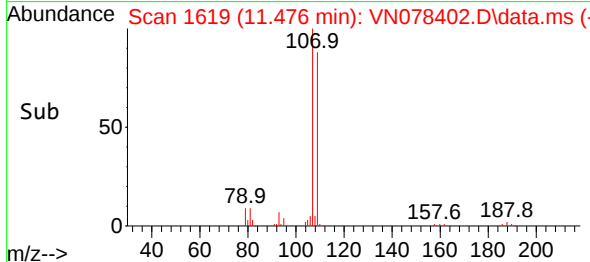
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



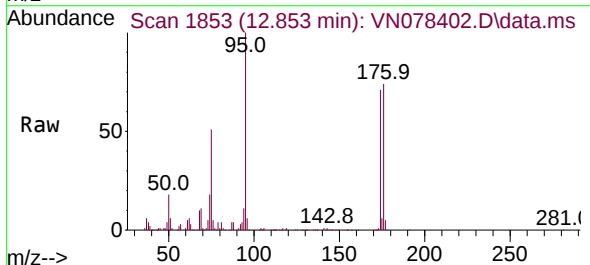
Tgt Ion:107 Resp: 11572
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8

Manual Integrations
APPROVED

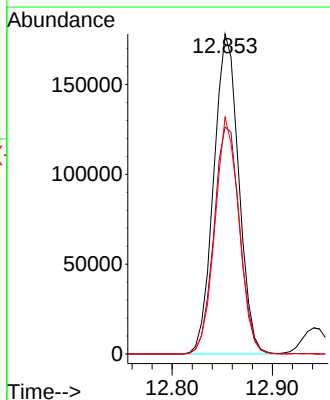
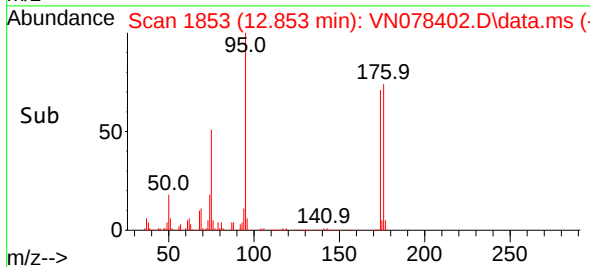
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

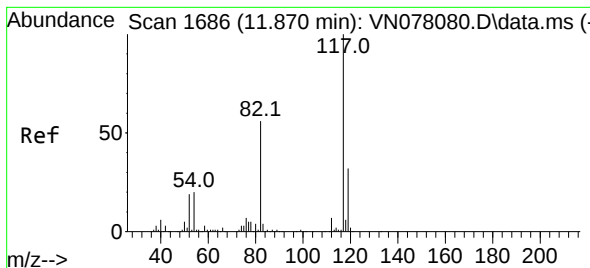


#62
4-Bromofluorobenzene
Concen: 52.119 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



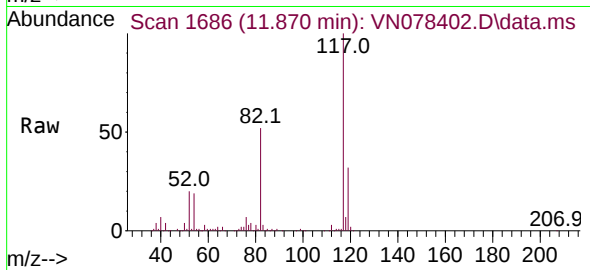
Tgt Ion: 95 Resp: 308266
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

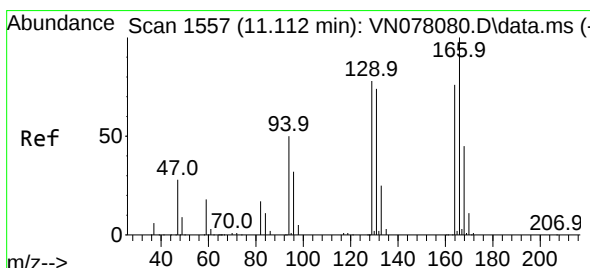
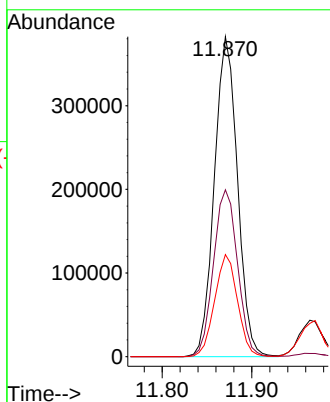
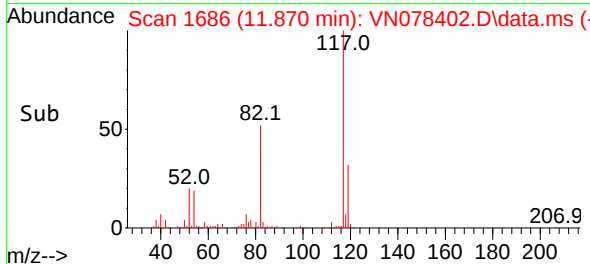
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



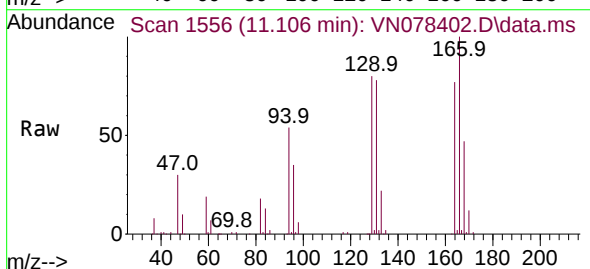
Tgt Ion:117 Resp: 684389
Ion Ratio Lower Upper
117 100
82 52.1 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

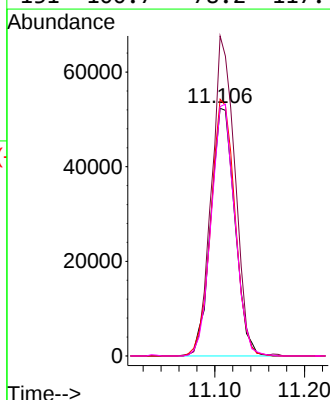
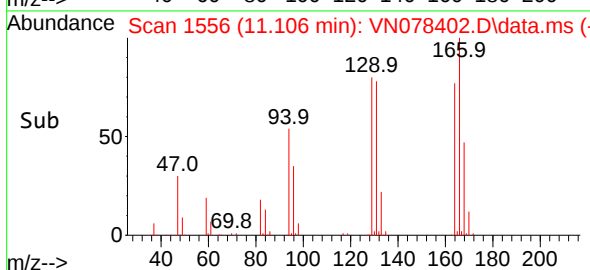
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

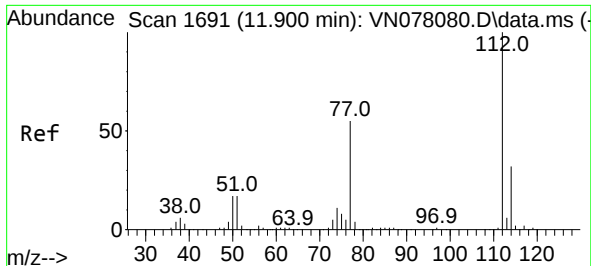


#64
Tetrachloroethene
Concen: 21.280 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



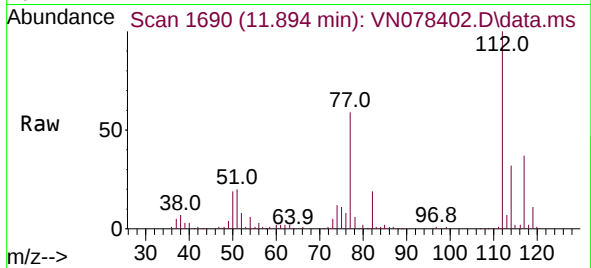
Tgt Ion:164 Resp: 97161
Ion Ratio Lower Upper
164 100
166 129.2 101.4 152.0
129 103.7 82.4 123.6
131 100.7 78.2 117.4





#65
Chlorobenzene
Concen: 20.901 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

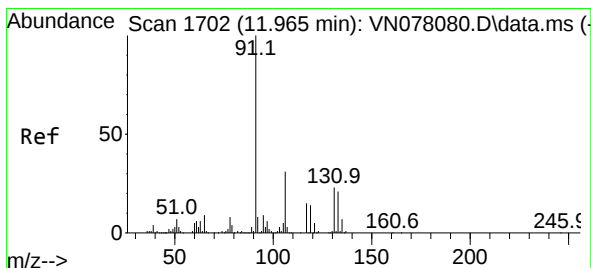
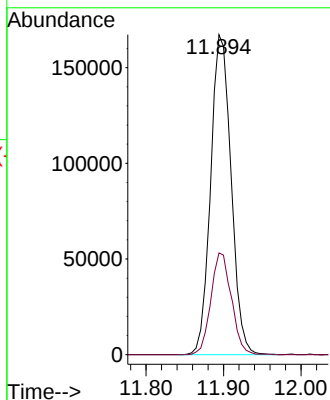
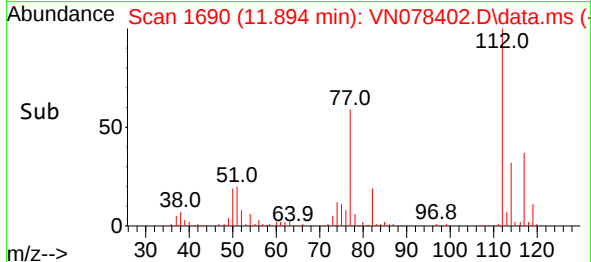
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



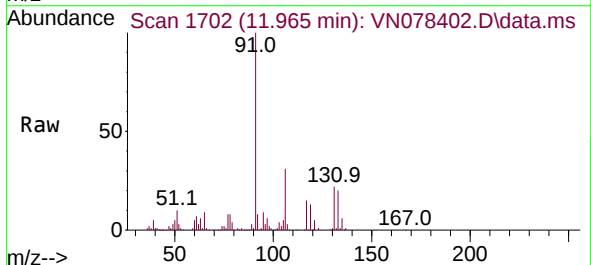
Tgt Ion:112 Resp: 306332
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

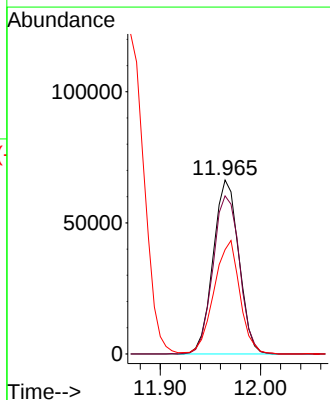
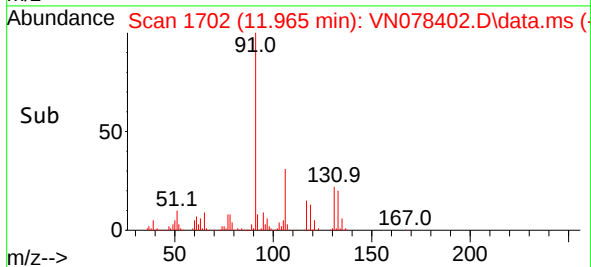
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

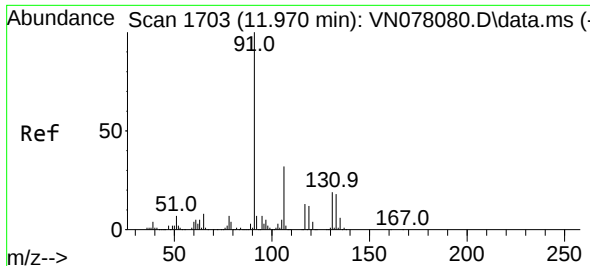


#66
1,1,1,2-Tetrachloroethane
Concen: 21.818 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



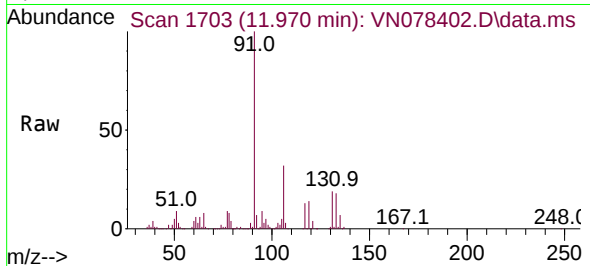
Tgt Ion:131 Resp: 117611
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 21.334 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

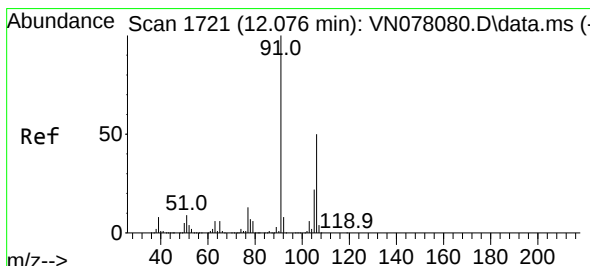
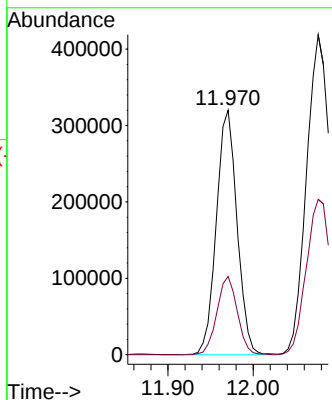
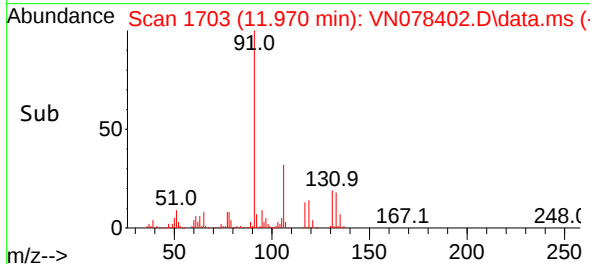
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



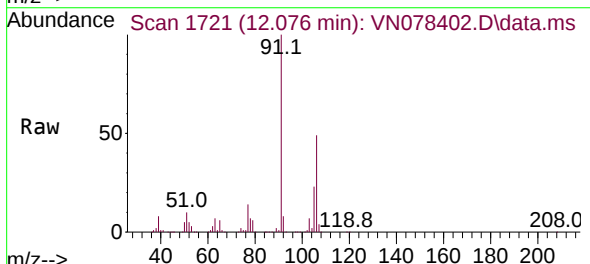
Tgt Ion: 91 Resp: 539538
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

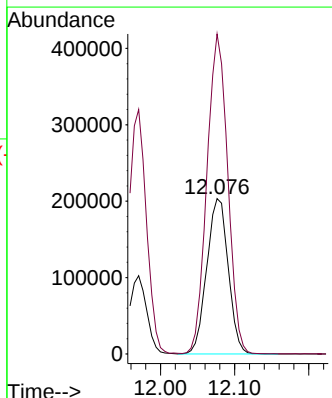
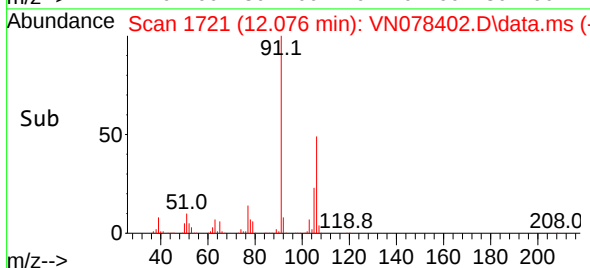
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

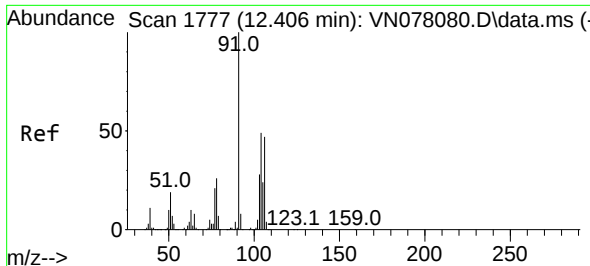


#68
m/p-Xylenes
Concen: 42.474 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



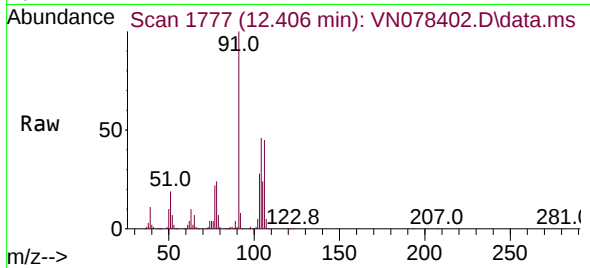
Tgt Ion:106 Resp: 409359
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4





#69
o-Xylene
Concen: 20.710 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

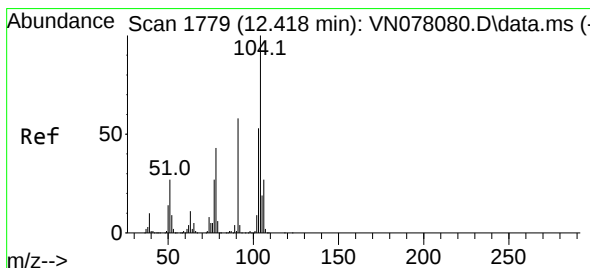
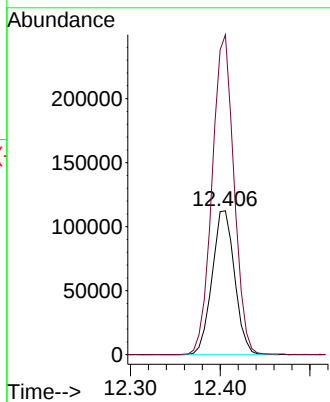
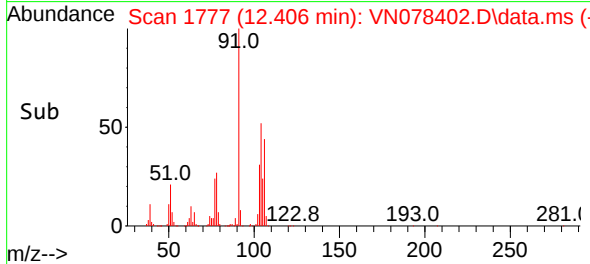
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion:106 Resp: 196010
Ion Ratio Lower Upper
106 100
91 216.1 105.2 315.5

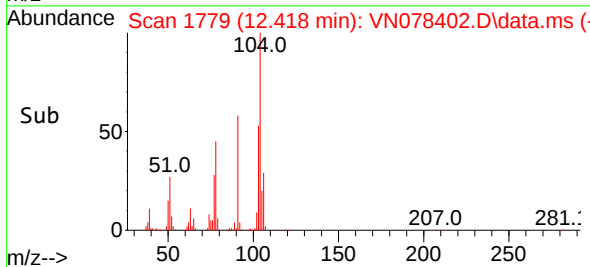
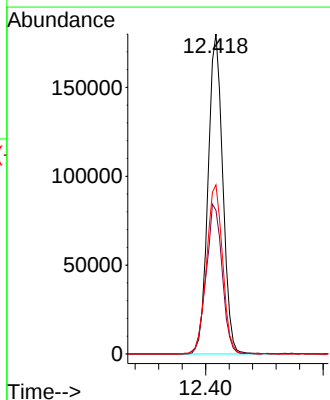
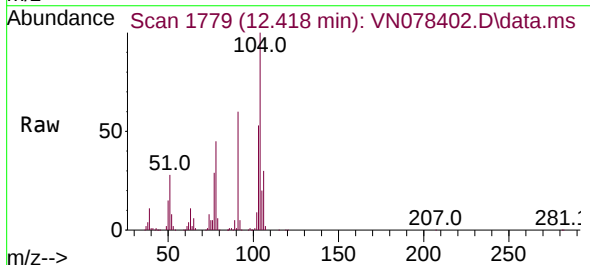
Manual Integrations
APPROVED

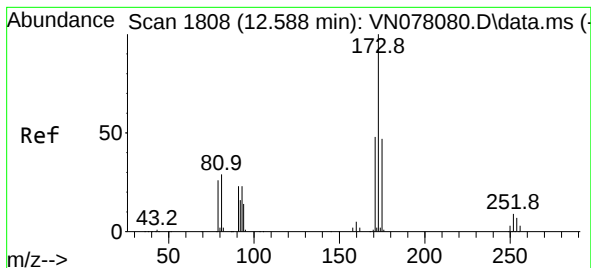
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#70
Styrene
Concen: 21.010 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Tgt Ion:104 Resp: 313048
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 57.6 43.2 64.8





#71

Bromoform

Concen: 21.454 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

Tgt Ion:173 Resp: 7463

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

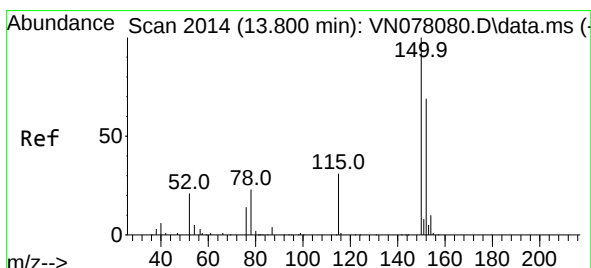
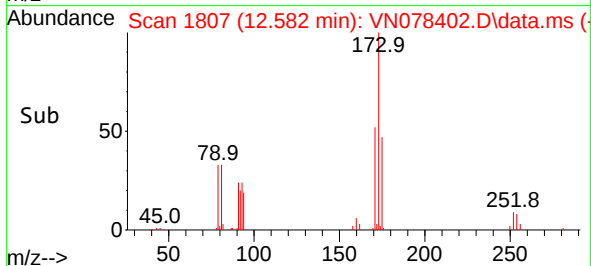
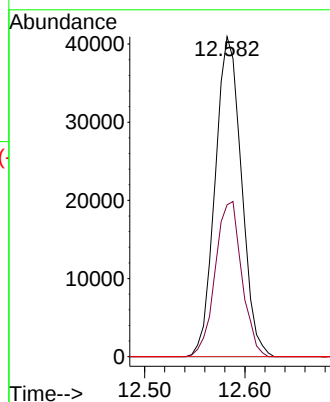
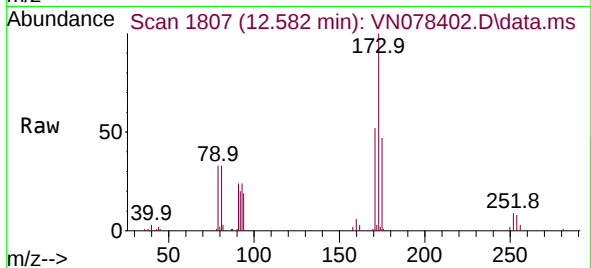
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

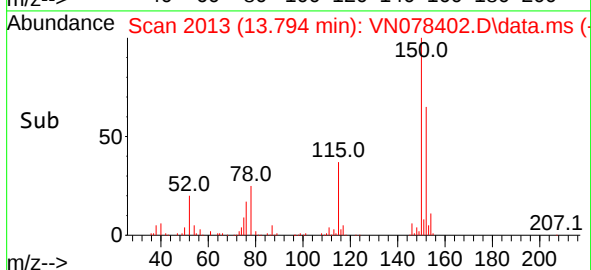
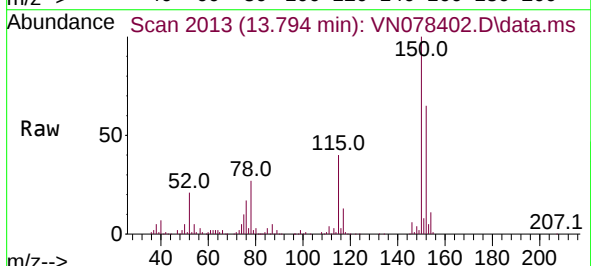
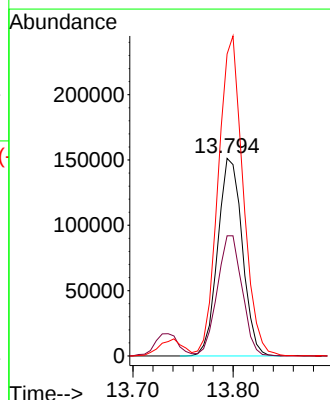
Tgt Ion:152 Resp: 257382

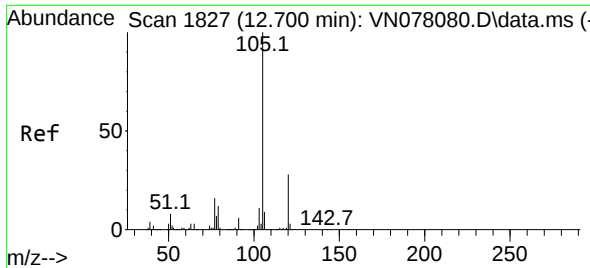
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

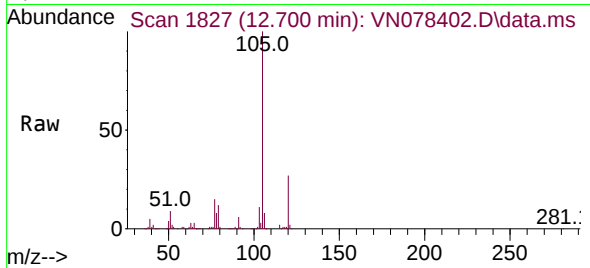
150 163.8 0.0 355.8





#73
Isopropylbenzene
Concen: 20.011 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

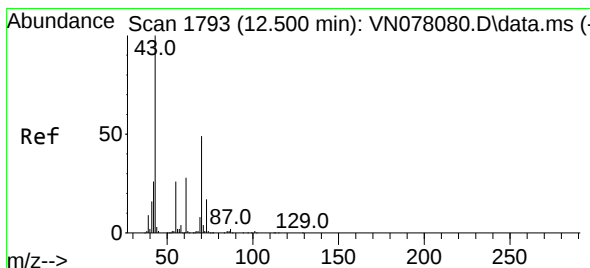
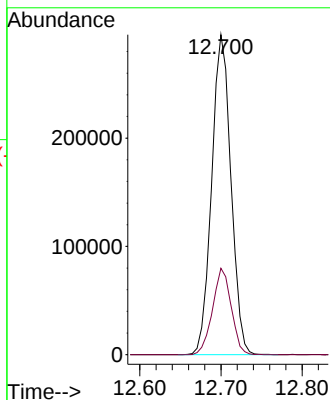
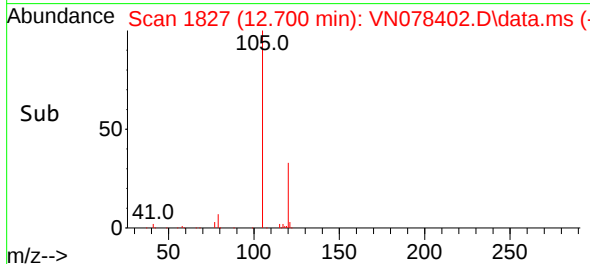
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



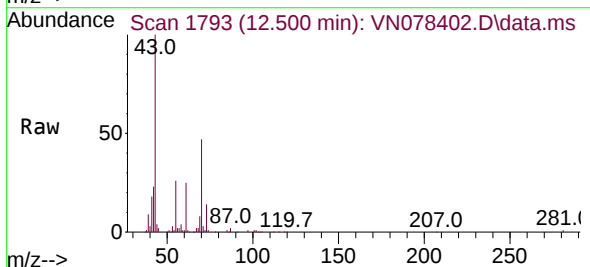
Tgt Ion:105 Resp: 48703
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
APPROVED

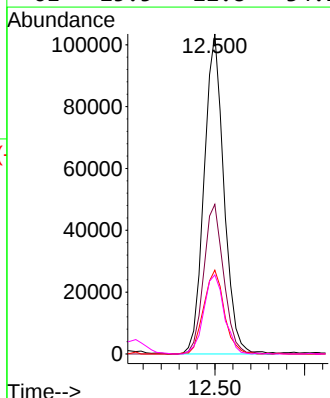
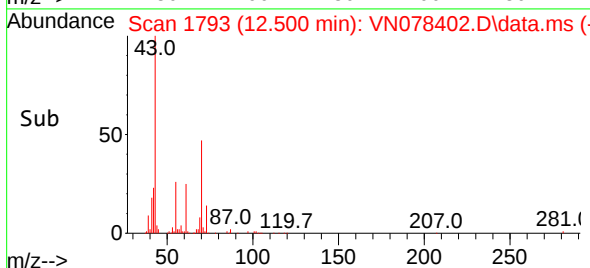
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

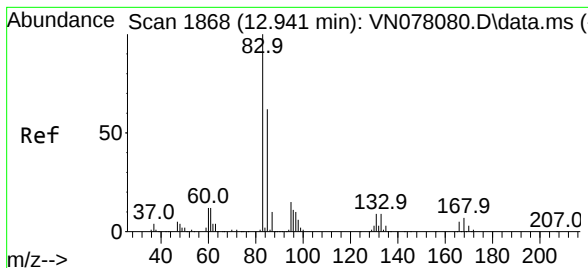


#74
N-ethyl acetate
Concen: 19.788 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



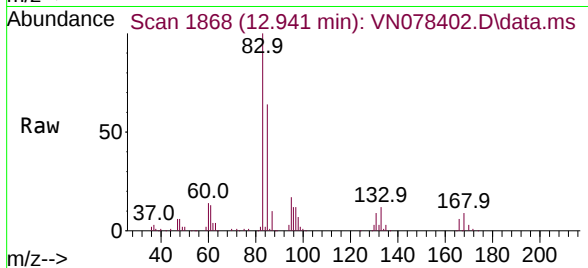
Tgt Ion: 43 Resp: 158597
Ion Ratio Lower Upper
43 100
70 47.1 43.4 65.2
55 27.1 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.405 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

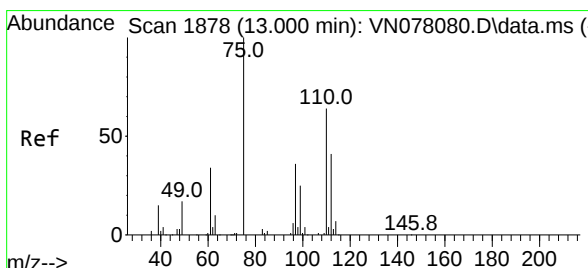
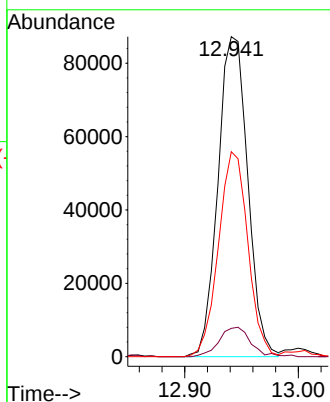
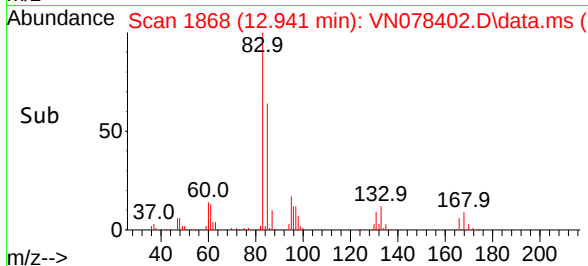
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



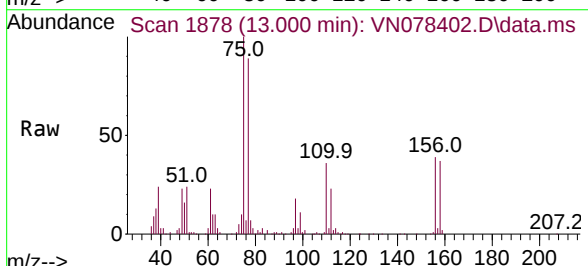
Tgt Ion: 83 Resp: 159025
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.2 31.9 95.7

Manual Integrations
APPROVED

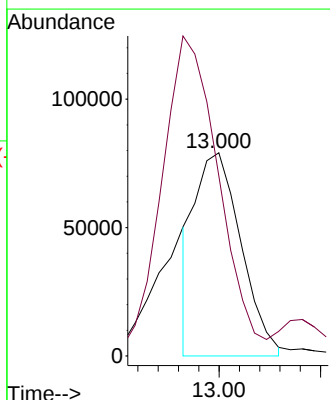
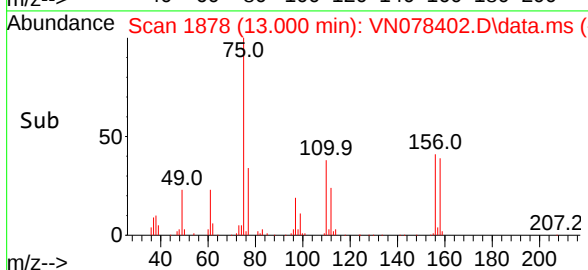
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

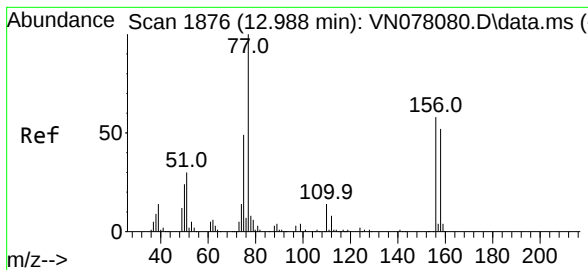


#76
1,2,3-Trichloropropane
Concen: 20.459 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



Tgt Ion: 75 Resp: 124483
Ion Ratio Lower Upper
75 100
77 196.2 84.5 253.5





#77
Bromobenzene
Concen: 20.349 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

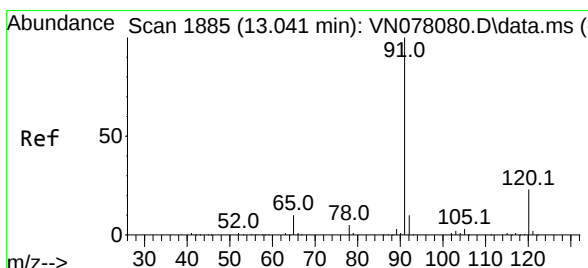
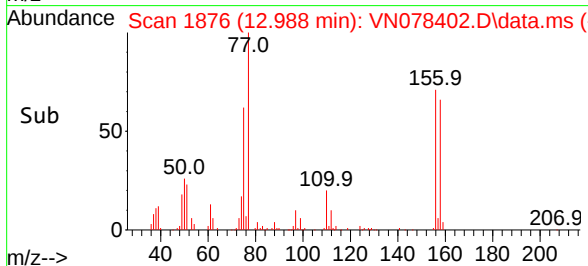
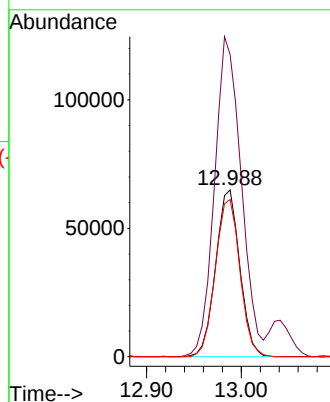
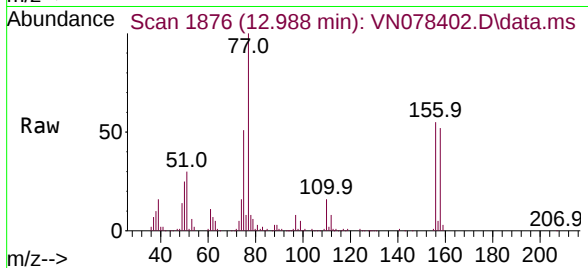
VN0626WBSD02

Tgt Ion:156 Resp: 114970
Ion Ratio Lower Upper
156 100
77 212.4 107.7 323.3
158 95.8 48.4 145.3

Manual Integrations

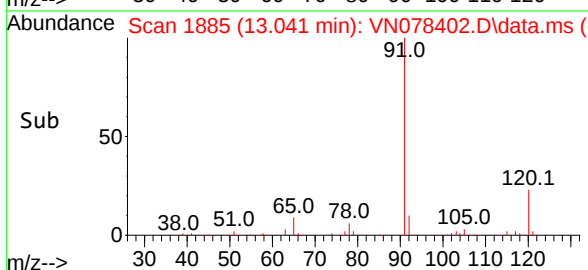
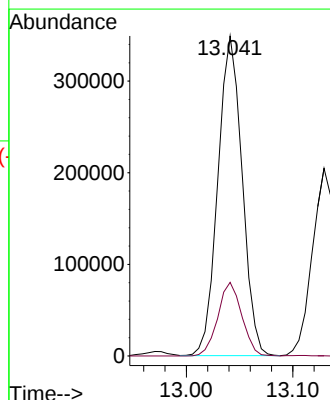
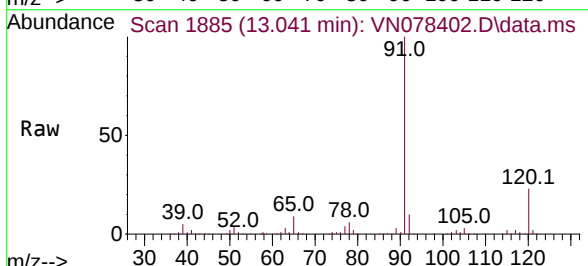
APPROVED

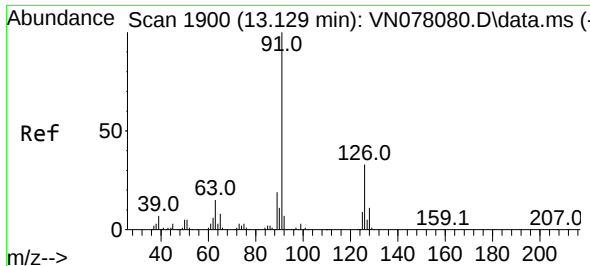
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#78
n-propylbenzene
Concen: 20.854 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

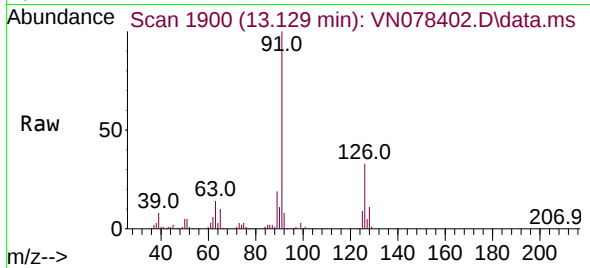
Tgt Ion: 91 Resp: 551465
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.805 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

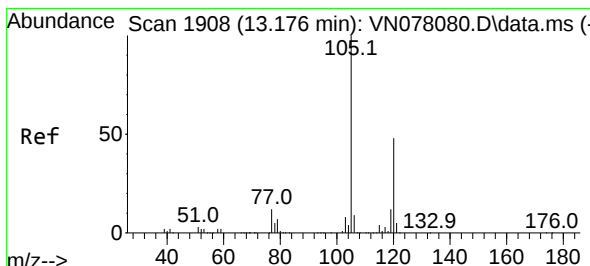
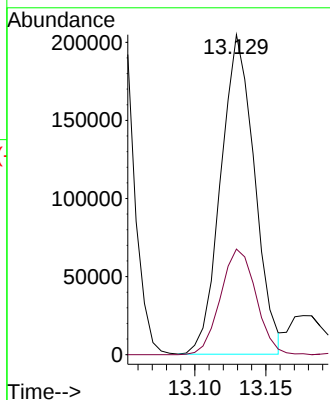
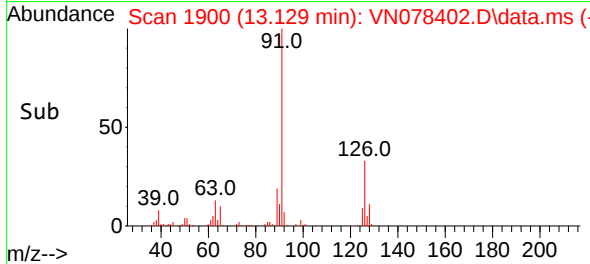
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



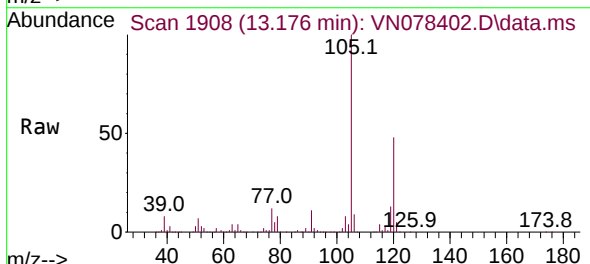
Tgt Ion: 91 Resp: 33805
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

Manual Integrations
APPROVED

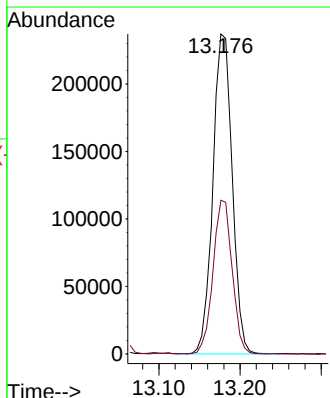
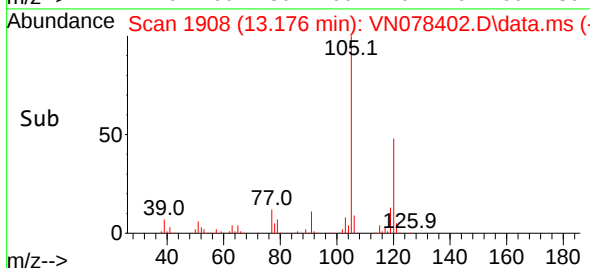
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

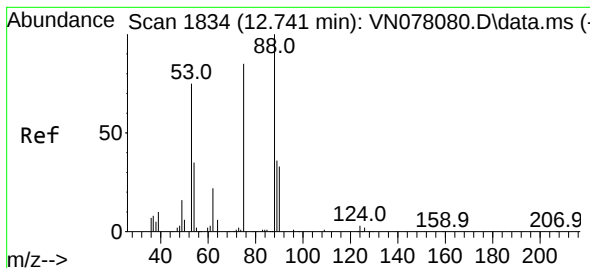


#80
1,3,5-Trimethylbenzene
Concen: 19.942 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



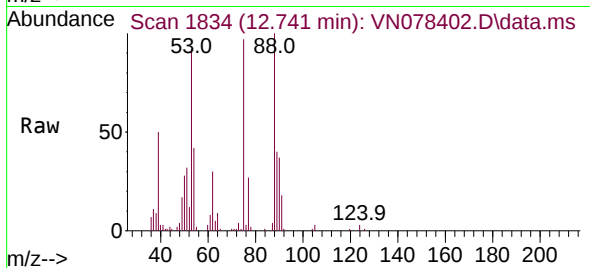
Tgt Ion:105 Resp: 392970
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 23.335 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

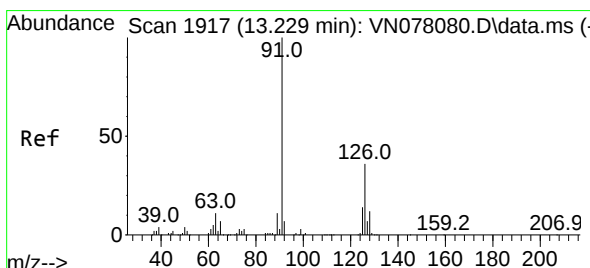
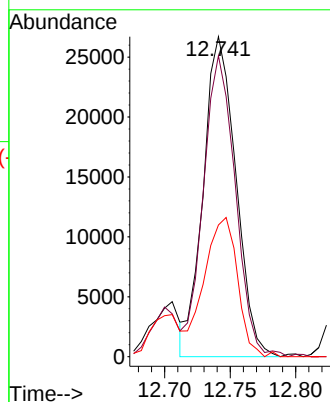
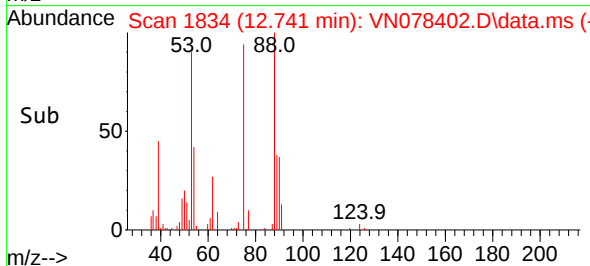
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



Tgt Ion: 75 Resp: 46215
Ion Ratio Lower Upper
75 100
53 92.8 67.4 101.2
89 45.2 38.8 58.2

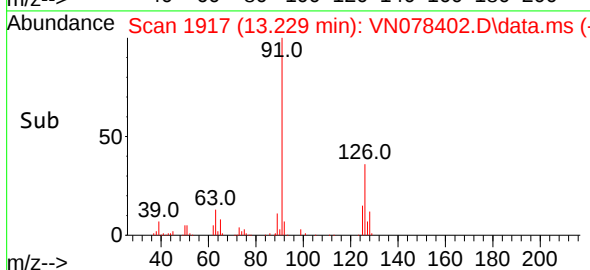
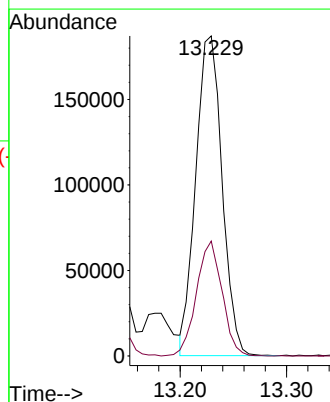
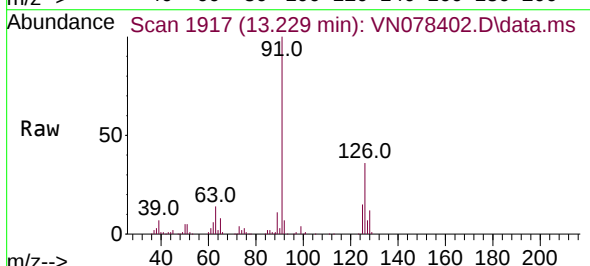
Manual Integrations
APPROVED

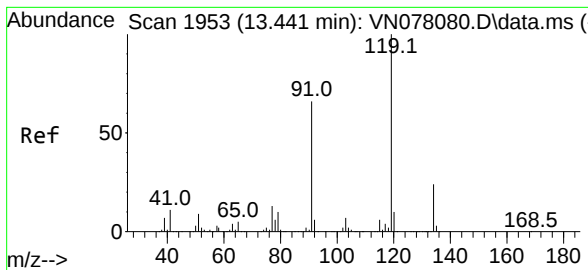
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#82
4-Chlorotoluene
Concen: 20.174 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

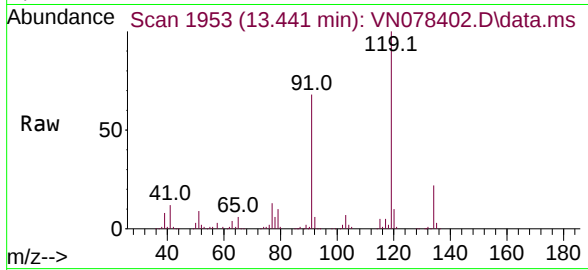
Tgt Ion: 91 Resp: 321389
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.894 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

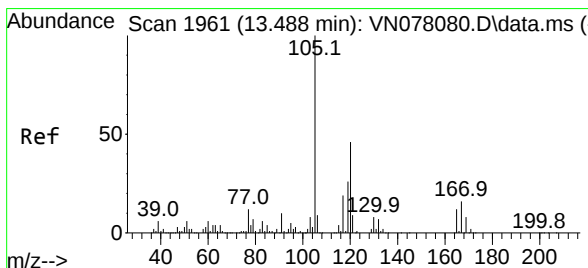
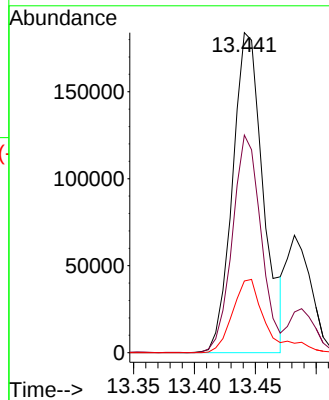
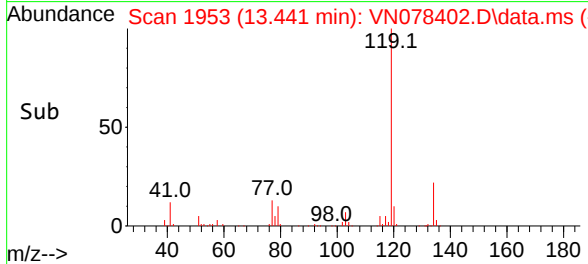
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



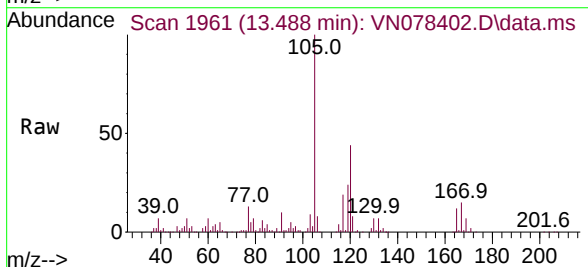
Tgt Ion:119 Resp: 323639
Ion Ratio Lower Upper
119 100
91 63.7 33.9 101.7
134 24.9 13.2 39.6

Manual Integrations
APPROVED

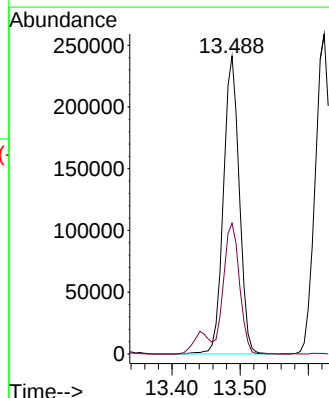
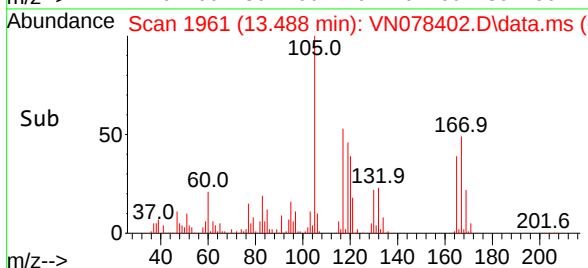
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

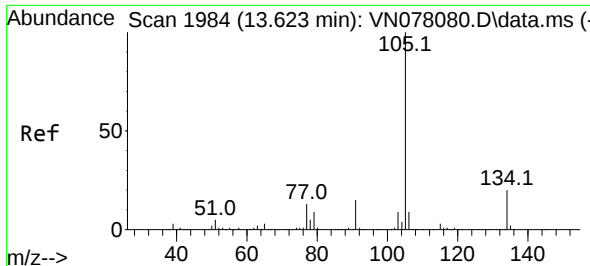


#84
1,2,4-Trimethylbenzene
Concen: 20.381 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



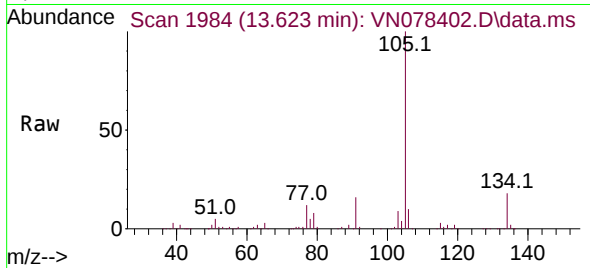
Tgt Ion:105 Resp: 389366
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.436 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078402.D
 Acq: 26 Jun 2023 15:12

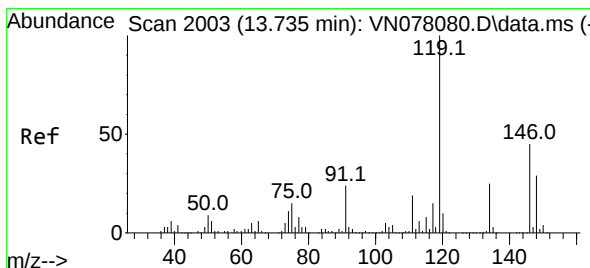
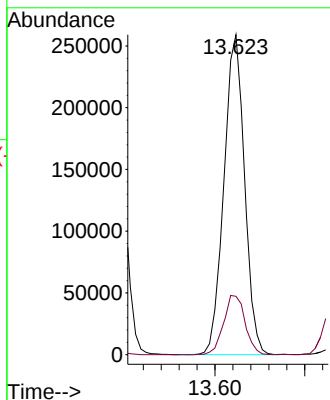
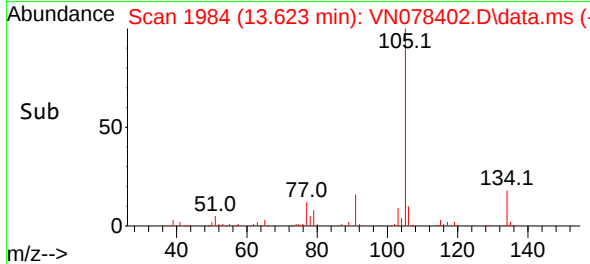
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02



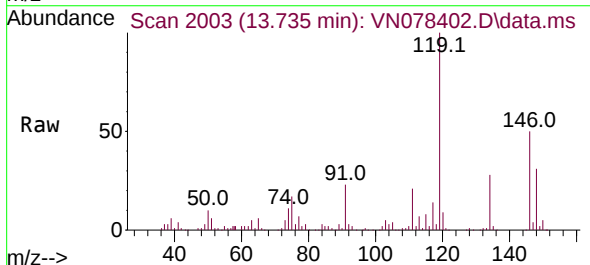
Tgt Ion:105 Resp: 413328
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

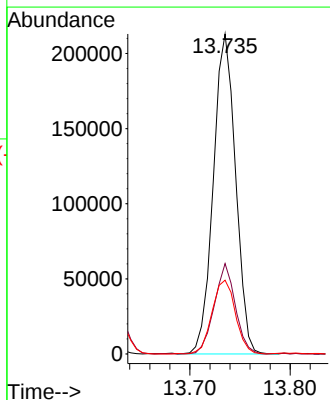
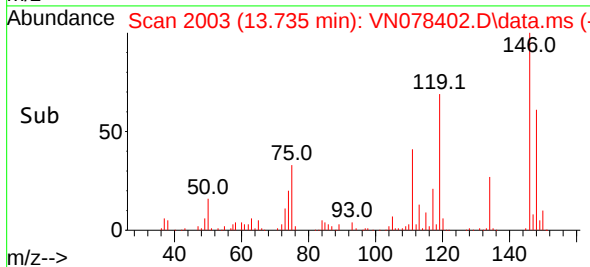
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

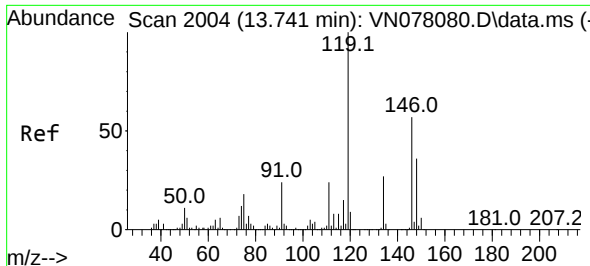


#86
 p-Isopropyltoluene
 Concen: 18.065 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078402.D
 Acq: 26 Jun 2023 15:12



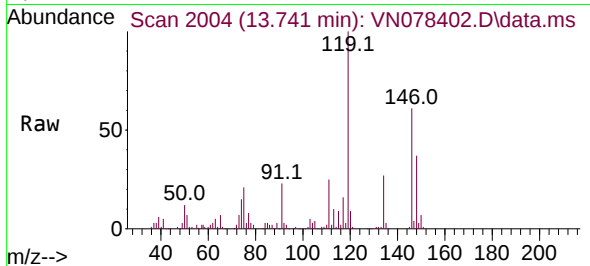
Tgt Ion:119 Resp: 328661
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 24.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.928 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

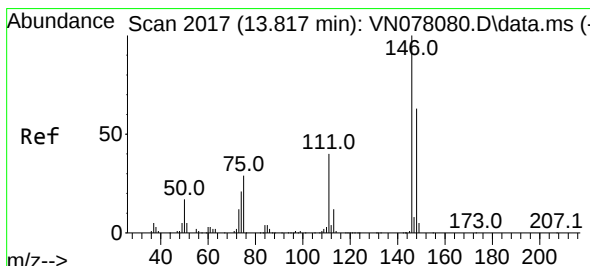
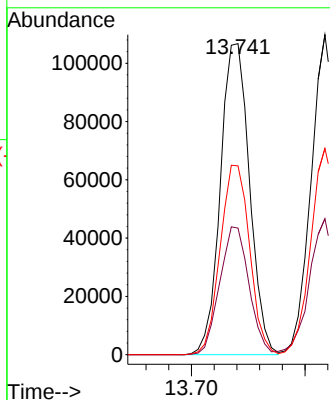
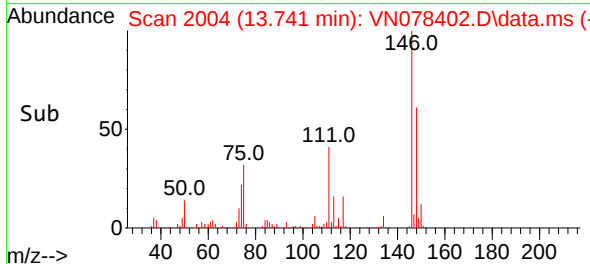
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02



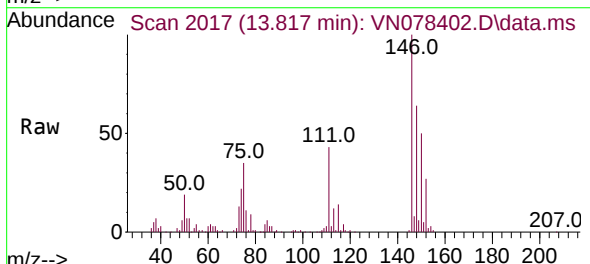
Tgt Ion:146 Resp: 190450
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 61.4 32.0 96.0

Manual Integrations
APPROVED

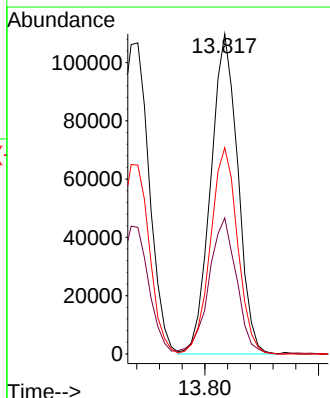
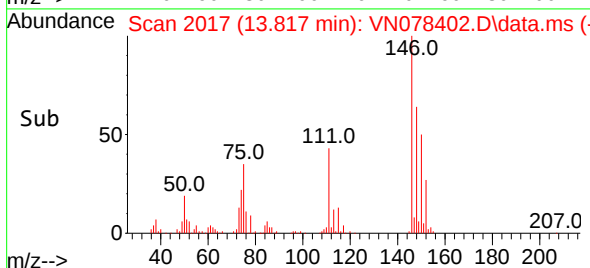
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

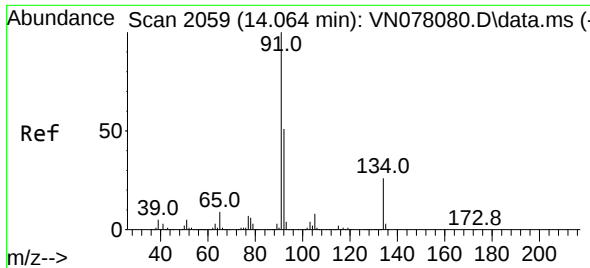


#88
1,4-Dichlorobenzene
Concen: 19.735 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12



Tgt Ion:146 Resp: 181994
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 64.6 31.6 94.8





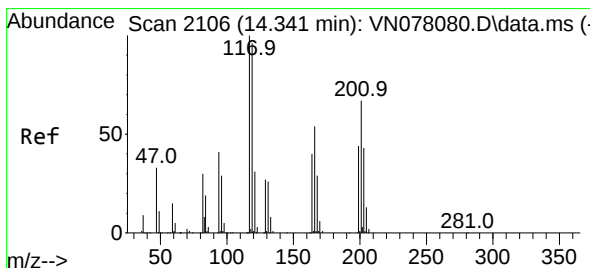
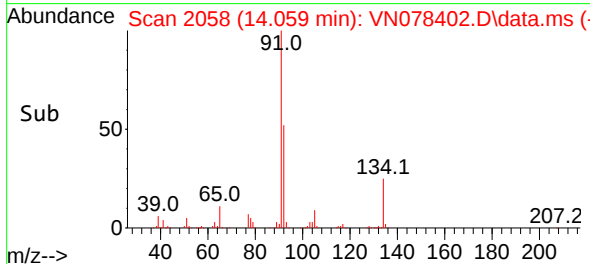
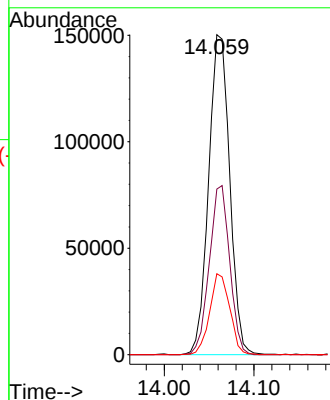
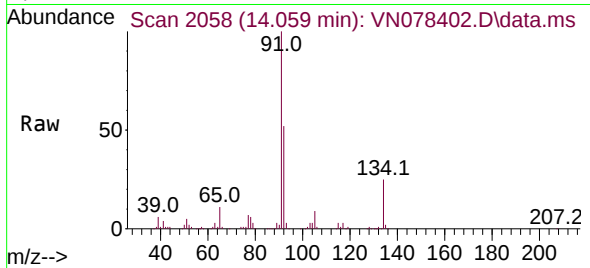
#89
n-Butylbenzene
Concen: 17.083 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion: 91 Resp: 24514
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 24.1 12.6 37.6

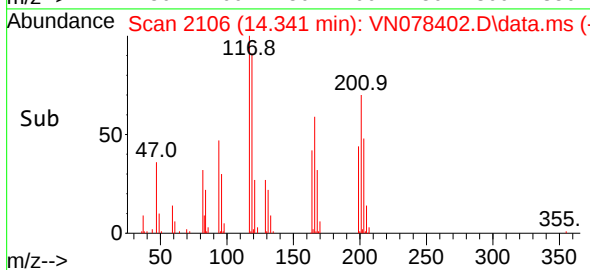
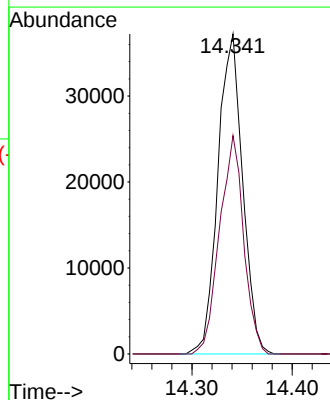
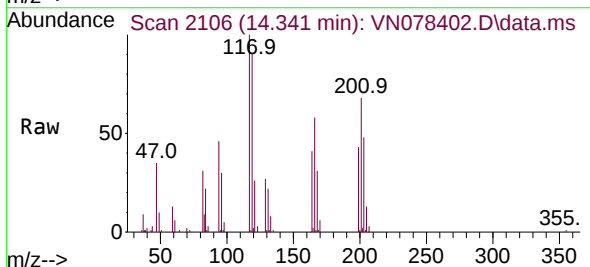
Manual Integrations
APPROVED

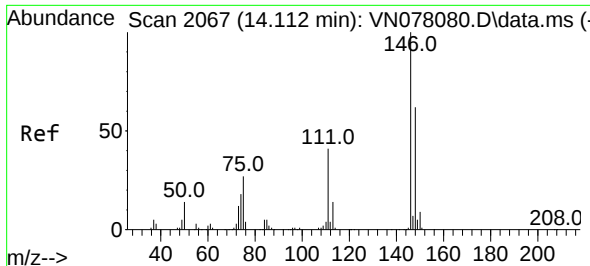
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#90
Hexachloroethane
Concen: 19.671 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Tgt Ion:117 Resp: 63510
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





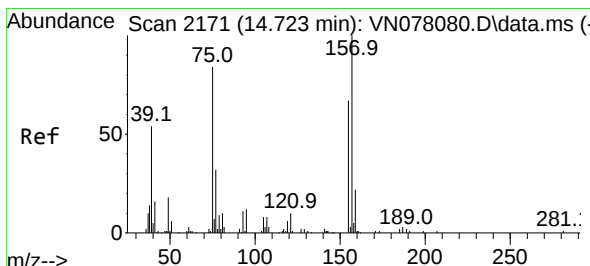
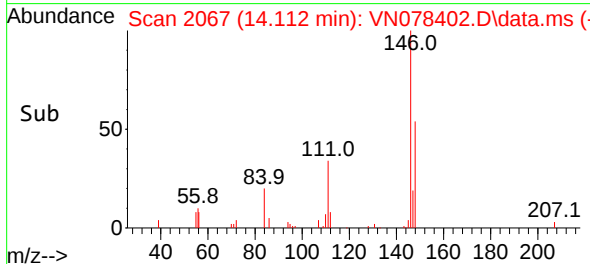
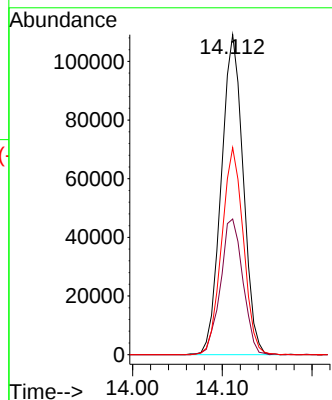
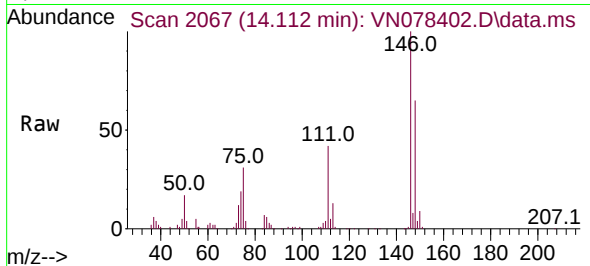
#91
1,2-Dichlorobenzene
Concen: 19.787 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tgt Ion:146 Resp: 184810
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 64.0 31.8 95.3

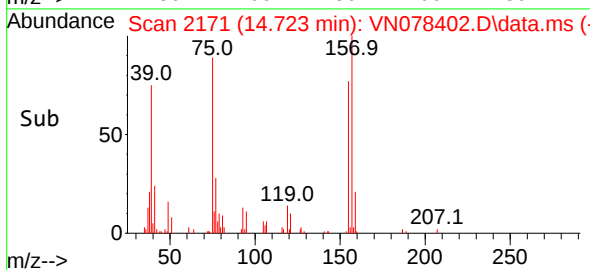
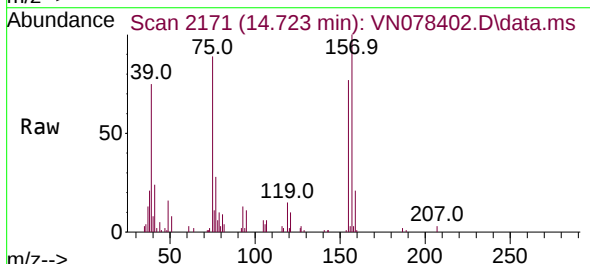
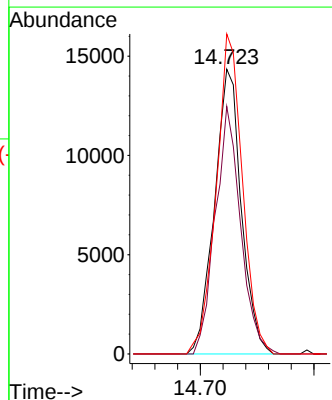
Manual Integrations
APPROVED

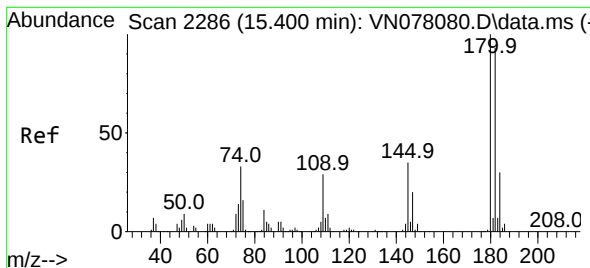
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.539 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078402.D
Acq: 26 Jun 2023 15:12

Tgt Ion: 75 Resp: 23555
Ion Ratio Lower Upper
75 100
155 82.2 39.1 117.2
157 109.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.583 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078402.D

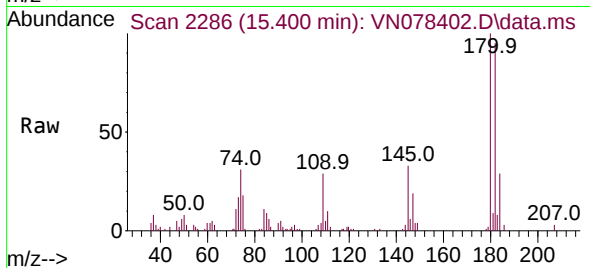
Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02



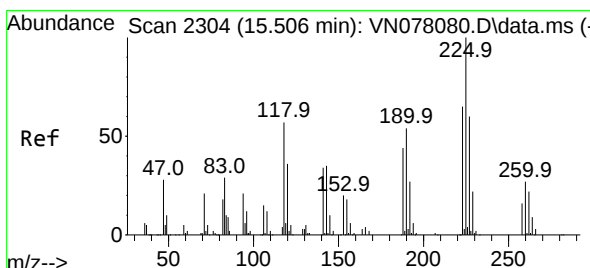
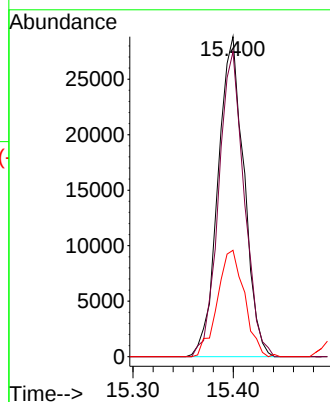
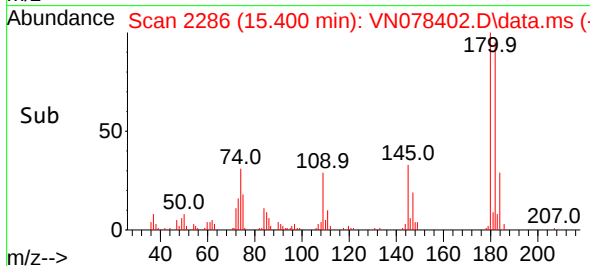
Tgt Ion:	180	Resp:	5185
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.1	138.2
145	34.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#94

Hexachlorobutadiene

Concen: 17.844 ug/l

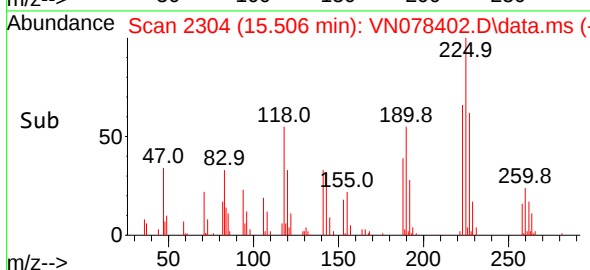
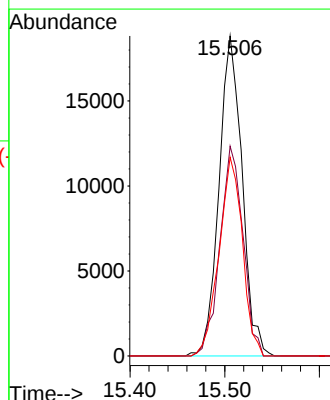
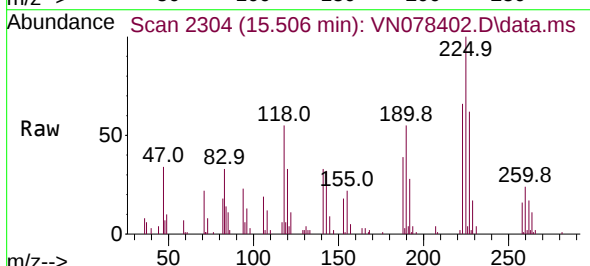
RT: 15.506 min Scan# 2304

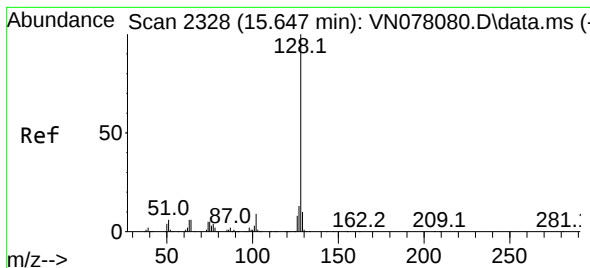
Delta R.T. -0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Tgt Ion:	225	Resp:	31919
Ion Ratio	Lower	Upper	
225	100		
223	65.7	31.3	93.8
227	62.8	31.9	95.9





#95

Naphthalene

Concen: 14.704 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

Tgt Ion:128 Resp: 164598

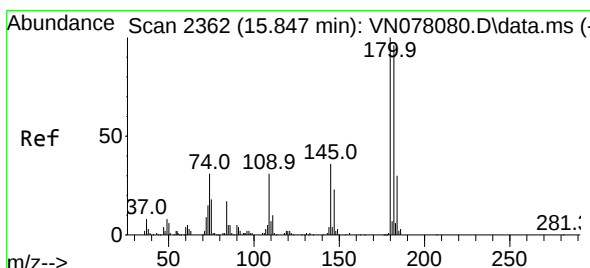
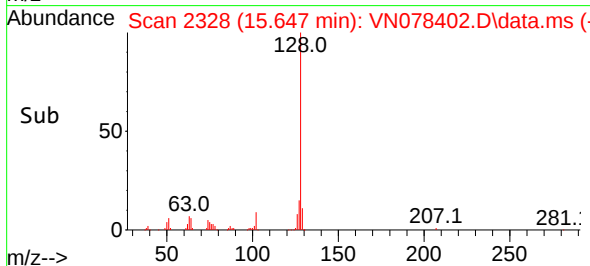
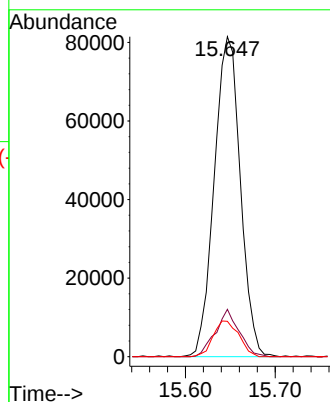
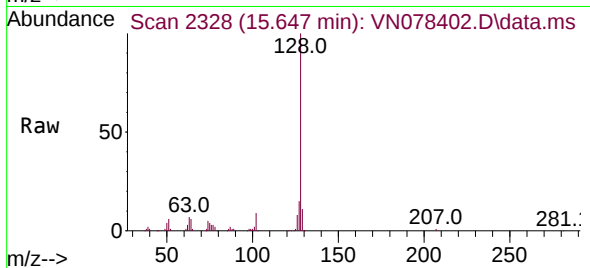
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.093 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078402.D

Acq: 26 Jun 2023 15:12

Tgt Ion:180 Resp: 59898

Ion	Ratio	Lower	Upper
180	100		
182	98.1	46.2	138.6
145	33.0	17.5	52.6

