

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075625.D
 Acq On : 07 Dec 2022 22:44
 Operator : JC\MD
 Sample : VN1207MBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207MBL02

Quant Time: Dec 08 00:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	112464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	213138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	170484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	47691	78.999	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	158.000%#
35) Dibromofluoromethane	8.171	113	58688	70.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	140.180%#
50) Toluene-d8	10.571	98	86134	45.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.853	95	60078	43.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	609	0.569	ug/l #	85
5) Bromomethane	2.936	94	676	0.570	ug/l #	73
7) Trichlorofluoromethane	3.501	101	428	0.222	ug/l	99
11) Tert butyl alcohol	5.500	59	4998	19.722	ug/l #	72
13) Acrolein	4.195	56	57	0.258	ug/l #	12
15) Acrylonitrile	5.730	53	358	0.616	ug/l #	38
16) Acetone	4.471	43	1416	2.515	ug/l #	43
17) Carbon Disulfide	4.712	76	1827	0.675	ug/l #	74
18) Methyl Acetate	5.036	43	1384	Below Cal	#	77
20) Methylene Chloride	5.289	84	1778	0.286	ug/l #	74
21) trans-1,2-Dichloroethene	5.795	96	258	0.217	ug/l #	15
23) Vinyl Acetate	6.618	43	1791	0.732	ug/l #	71
25) 2-Butanone	7.518	43	1312	1.669	ug/l #	81
26) 2,2-Dichloropropane	7.442	77	805	0.439	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	432	0.322	ug/l #	1
29) Tetrahydrofuran	7.859	42	477	0.998	ug/l #	38
31) Cyclohexane	8.230	56	2580	1.345	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	7188	3.937	ug/l #	48
38) Carbon Tetrachloride	8.236	117	10788	5.378	ug/l #	15
40) Benzene	8.612	78	1317	0.236	ug/l #	51
41) Methacrylonitrile	7.865	41	216	0.257	ug/l #	18
43) Isopropyl Acetate	8.736	43	6866	2.602	ug/l #	53
44) Trichloroethene	9.353	130	607	0.397	ug/l	72
51) 4-Methyl-2-Pentanone	10.453	43	2156	1.283	ug/l	99
52) Toluene	10.630	92	1202	0.334	ug/l	80
53) t-1,3-Dichloropropene	10.841	75	459	0.234	ug/l #	23
56) Ethyl methacrylate	10.882	69	446	0.225	ug/l #	29
58) 2-Chloroethyl Vinyl ether	10.171	63	439	0.614	ug/l #	44
59) 2-Hexanone	11.200	43	2120	1.680	ug/l	78
64) Tetrachloroethene	11.100	164	390	0.300	ug/l #	86
65) Chlorobenzene	11.900	112	1549	0.440	ug/l #	80
67) Ethyl Benzene	11.965	91	2169	0.361	ug/l #	75
68) m/p-Xylenes	12.077	106	1660	0.681	ug/l	85
69) o-Xylene	12.406	106	705	0.291	ug/l	96
70) Styrene	12.418	104	1495	0.391	ug/l	91
73) Isopropylbenzene	12.700	105	1902	0.407	ug/l	94

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 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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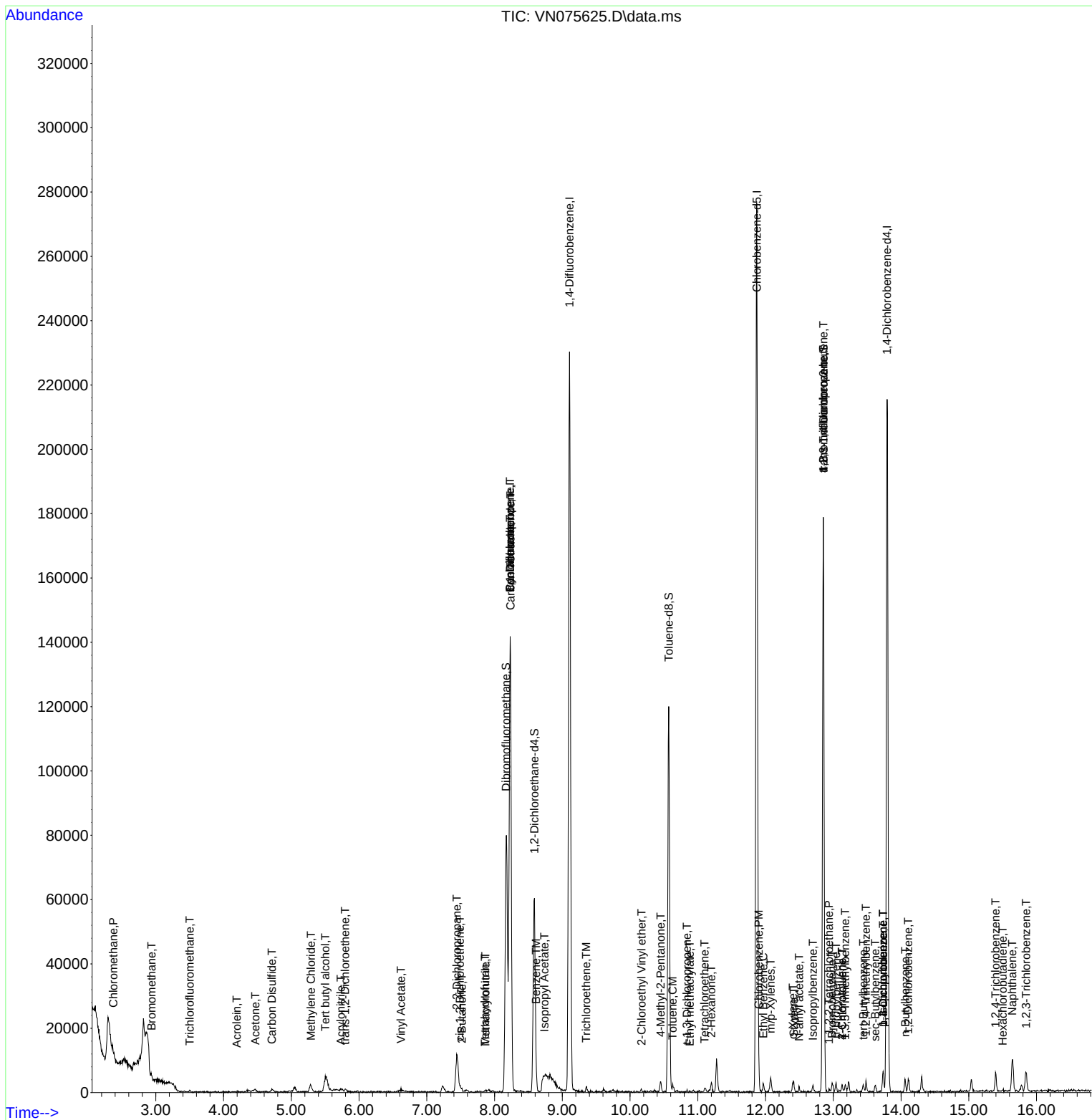
Quant Time: Dec 08 00:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
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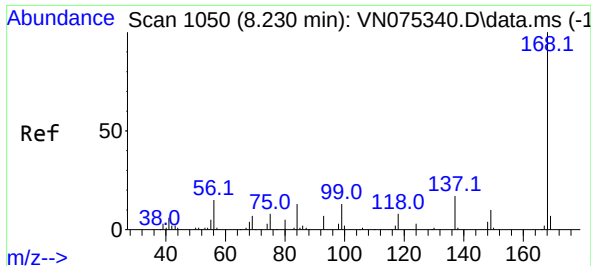
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.494	43	917	0.639	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.935	83	579	0.407	ug/l #	72
76) 1,2,3-Trichloropropane	12.853	75	29587	24.476	ug/l #	1
77) Bromobenzene	12.982	156	812	0.704	ug/l	82
78) n-propylbenzene	13.041	91	2900	0.556	ug/l	96
79) 2-Chlorotoluene	13.129	91	1918	0.611	ug/l	88
80) 1,3,5-Trimethylbenzene	13.176	105	1831	0.472	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	29587	72.418	ug/l #	10
82) 4-Chlorotoluene	13.129	91	1918	0.611	ug/l	88
83) tert-Butylbenzene	13.441	119	1985	0.561	ug/l	84
84) 1,2,4-Trimethylbenzene	13.482	105	2066	0.531	ug/l	89
85) sec-Butylbenzene	13.618	105	2538	0.529	ug/l	94
86) p-Isopropyltoluene	13.735	119	2303	0.570	ug/l	90
87) 1,3-Dichlorobenzene	13.735	146	2180	0.998	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	2180	0.982	ug/l	96
89) n-Butylbenzene	14.065	91	2742	0.804	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	2328	1.093	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	2263	2.073	ug/l	99
94) Hexachlorobutadiene	15.500	225	286	0.503	ug/l #	65
95) Naphthalene	15.641	128	11547	3.363	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	3131	2.919	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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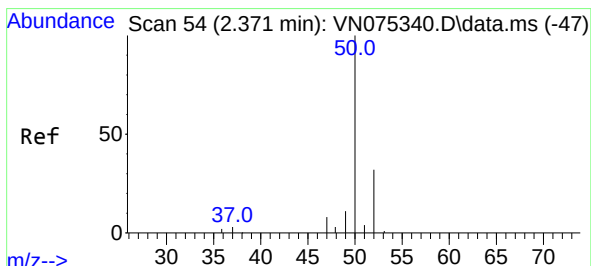
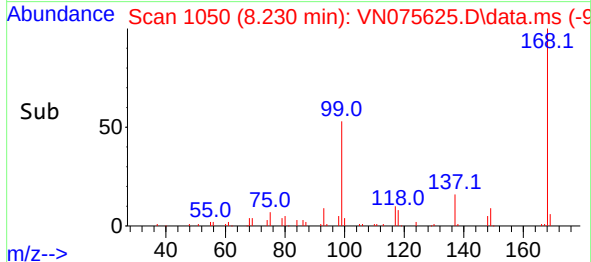
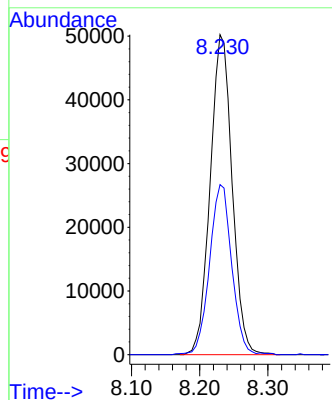
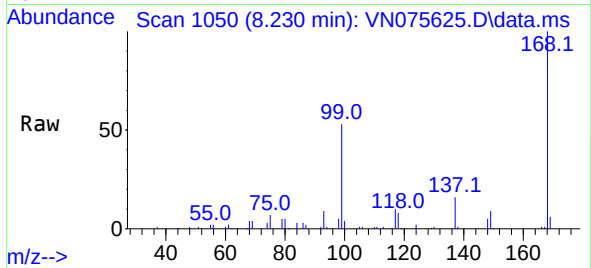




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
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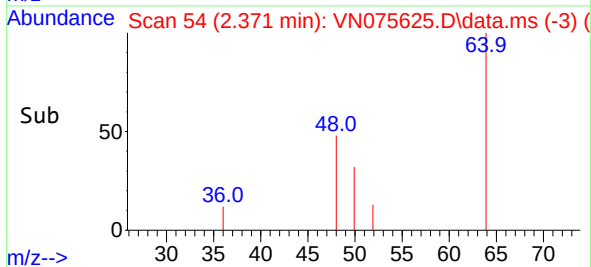
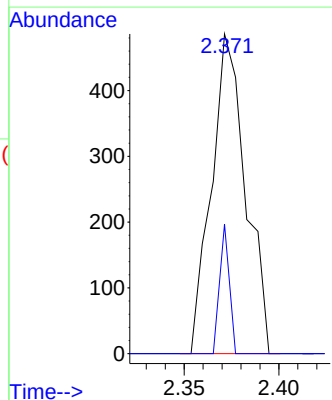
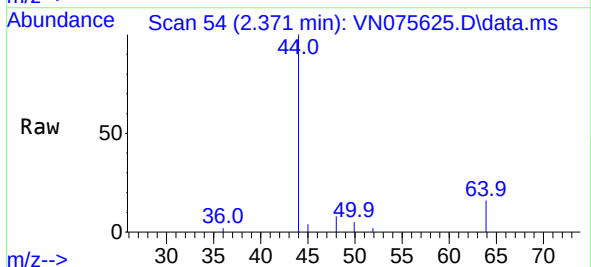
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

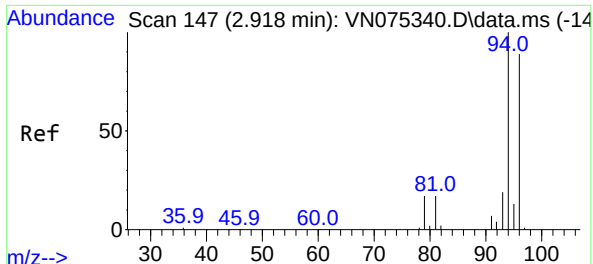
Tgt Ion:168 Resp: 112464
Ion Ratio Lower Upper
168 100
99 53.2 51.6 77.4



#3
Chloromethane
Concen: 0.569 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 40.5 25.8 38.6#

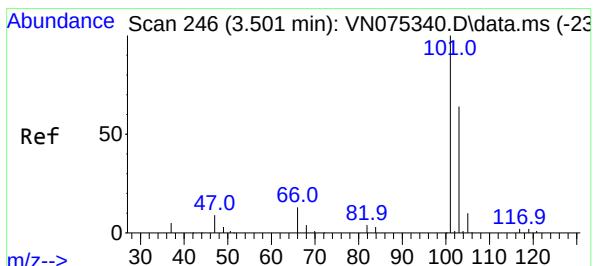
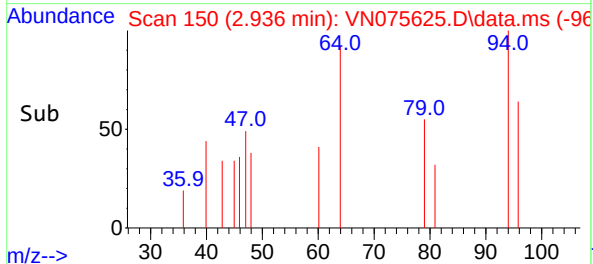
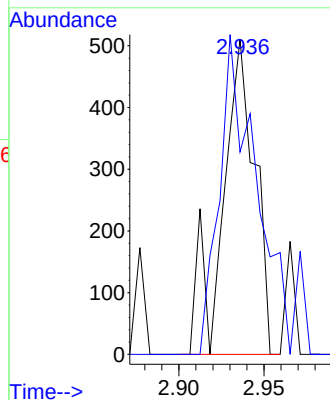
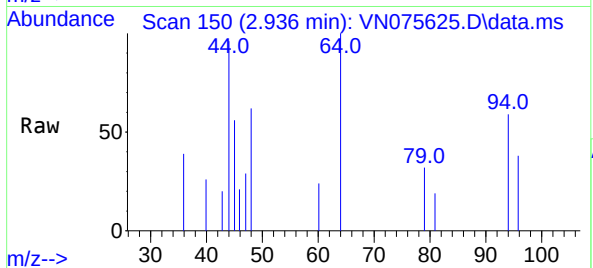




#5
Bromomethane
Concen: 0.570 ug/l
RT: 2.936 min Scan# 147
Delta R.T. 0.018 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

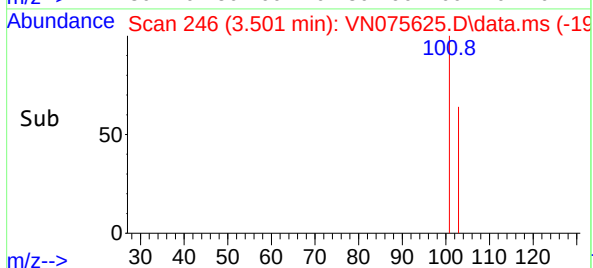
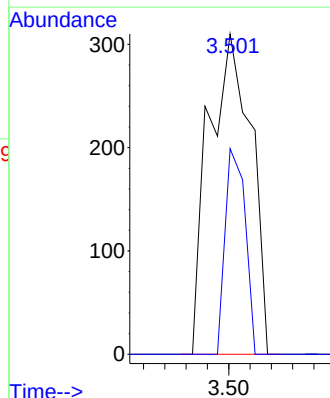
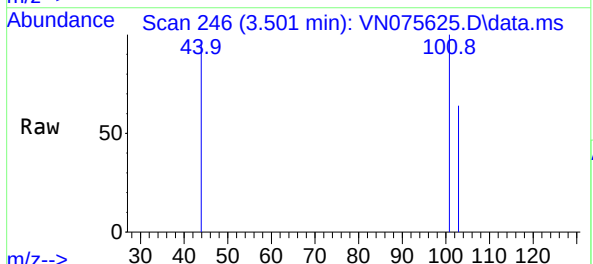
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ClientSampleId :
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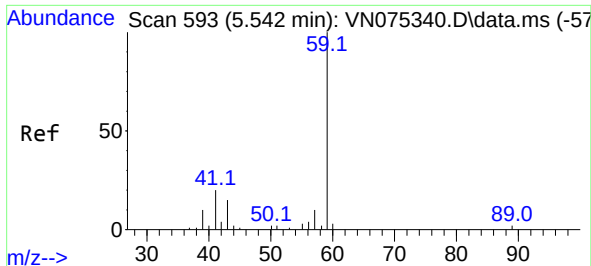
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 64.2 71.8 107.6#



#7
Trichlorofluoromethane
Concen: 0.222 ug/l
RT: 3.501 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:101 Resp: 428
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7

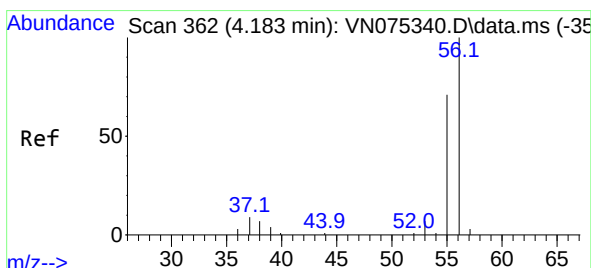
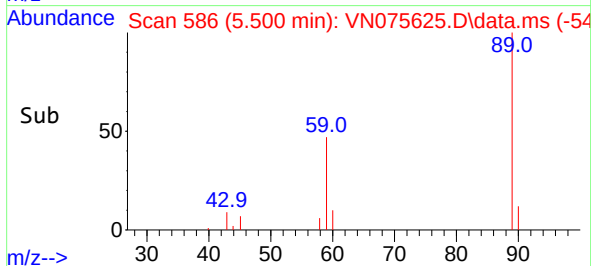
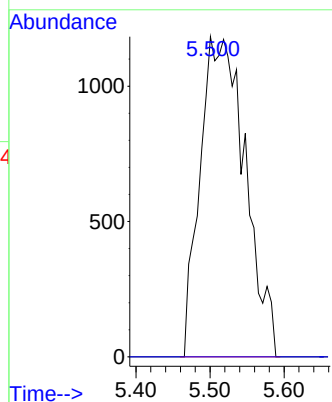
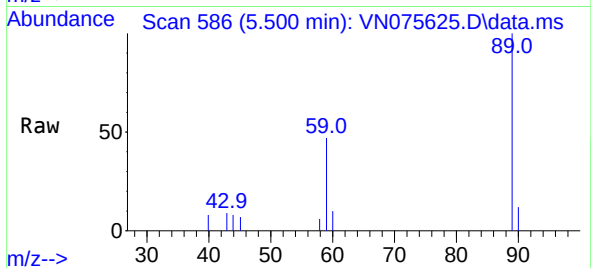




#11
Tert butyl alcohol
Concen: 19.722 ug/l
RT: 5.500 min Scan# 51
Delta R.T. -0.042 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

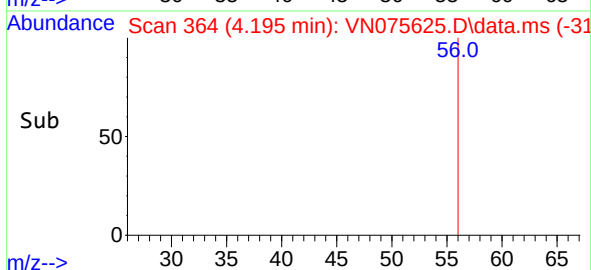
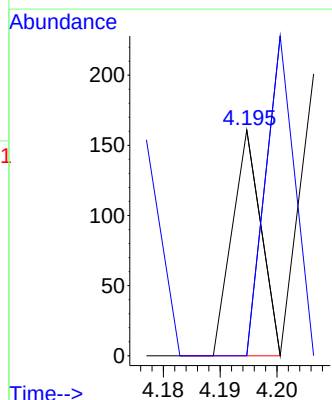
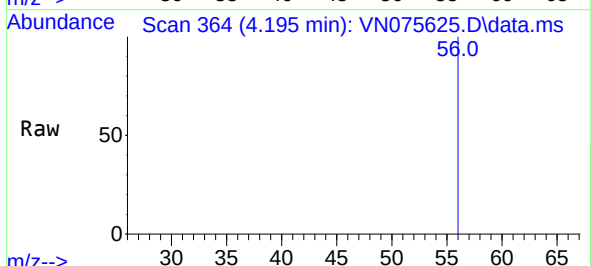
Instrument :
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ClientSampleId :
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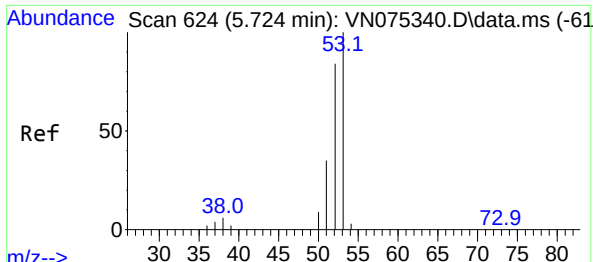
Tgt Ion: 59 Resp: 4998
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.258 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.012 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 140.4 55.2 82.8#

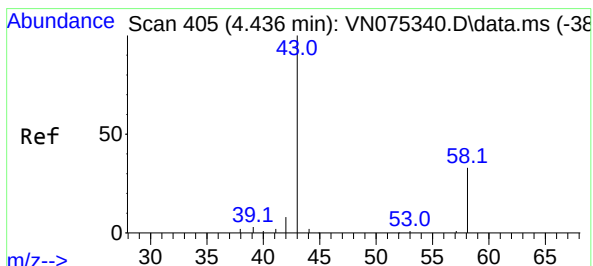
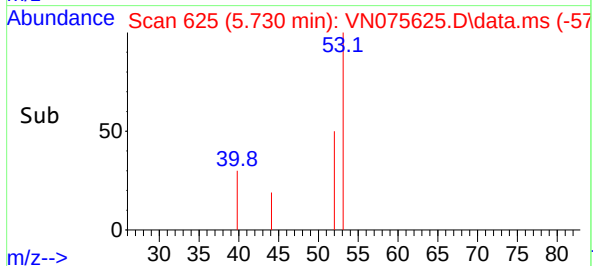
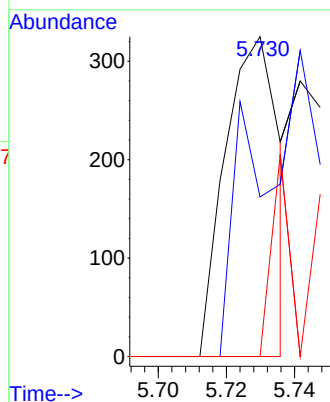
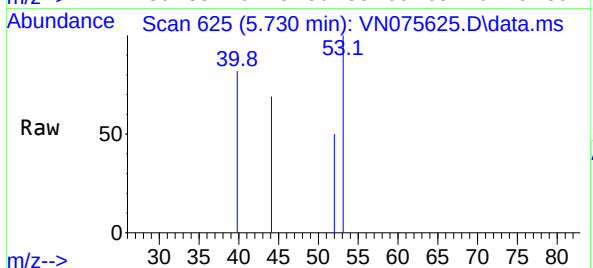




#15
Acrylonitrile
Concen: 0.616 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

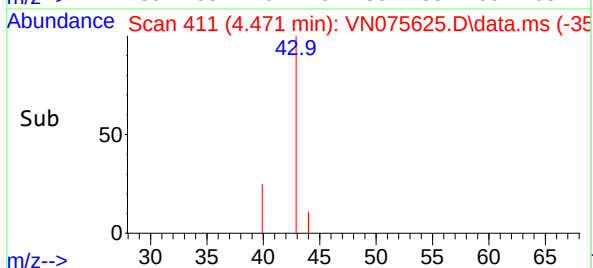
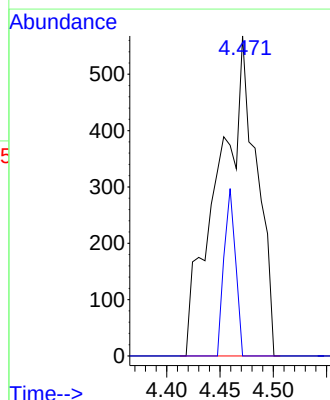
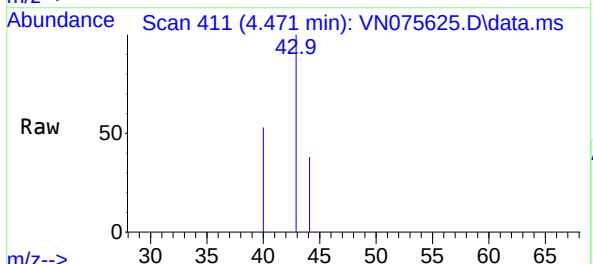
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ClientSampleId :
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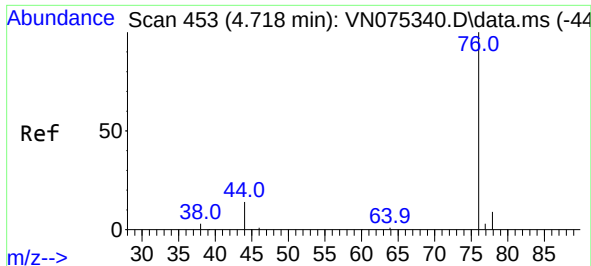
Tgt Ion: 53 Resp: 358
Ion Ratio Lower Upper
53 100
52 164.0 66.4 99.6#
51 36.6 29.6 44.4



#16
Acetone
Concen: 2.515 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.035 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

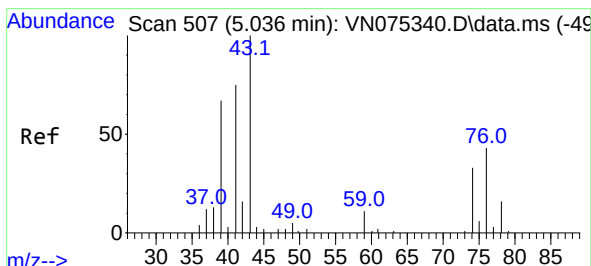
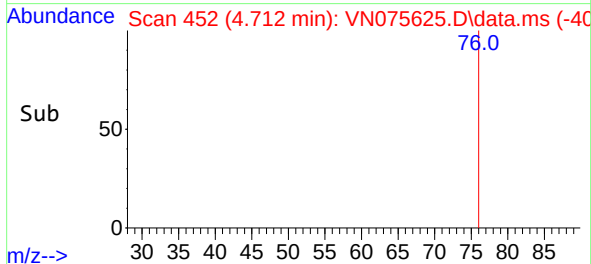
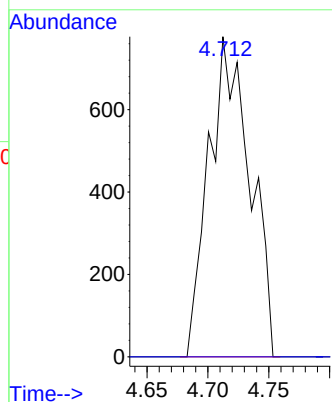
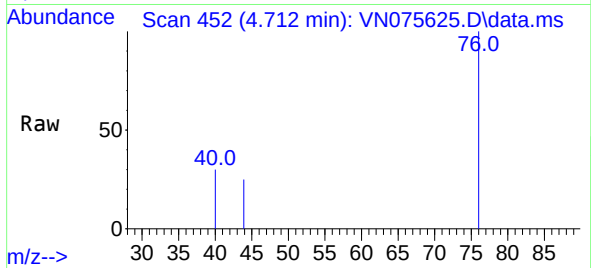




#17
Carbon Disulfide
Concen: 0.675 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

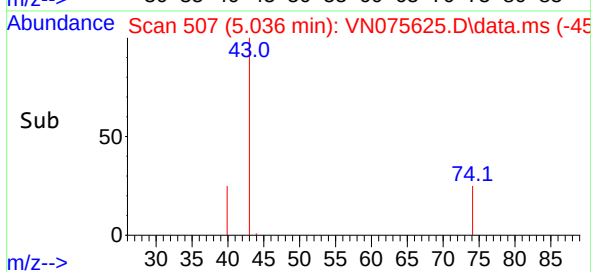
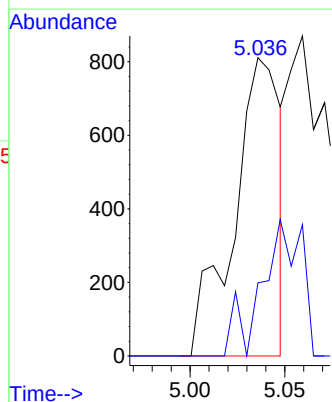
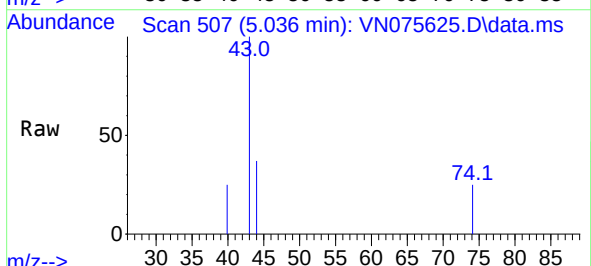
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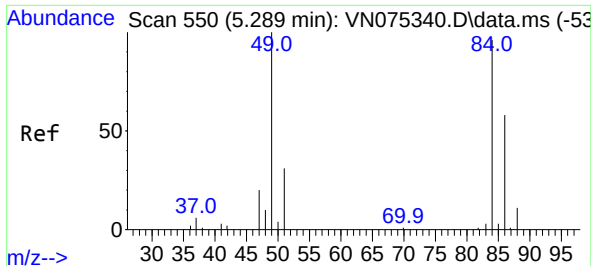
Tgt Ion: 76 Resp: 1827
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
74 39.5 22.0 33.0#

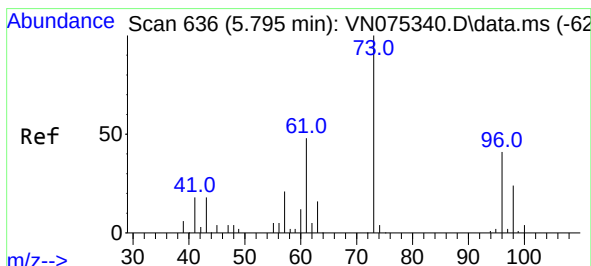
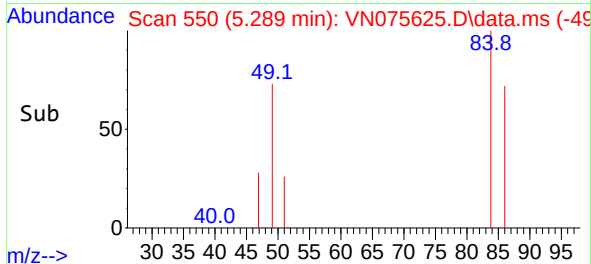
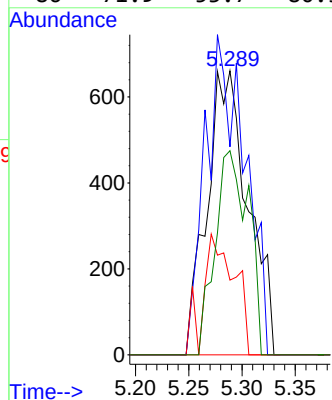
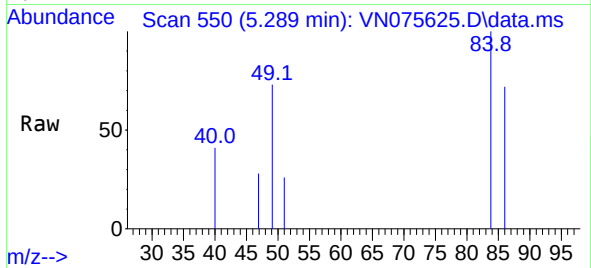




#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

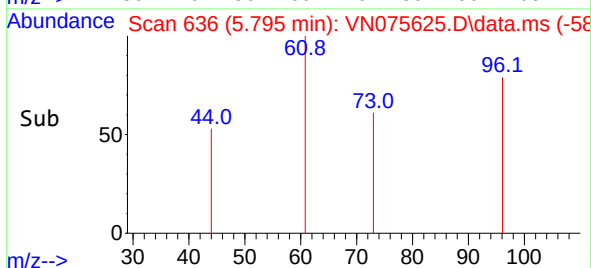
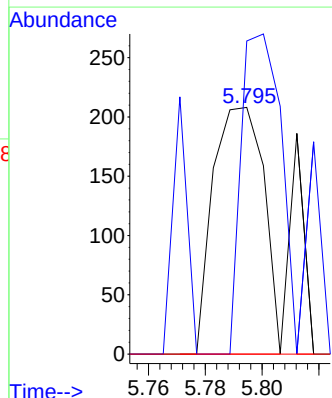
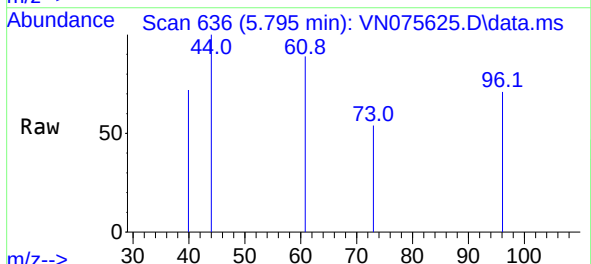
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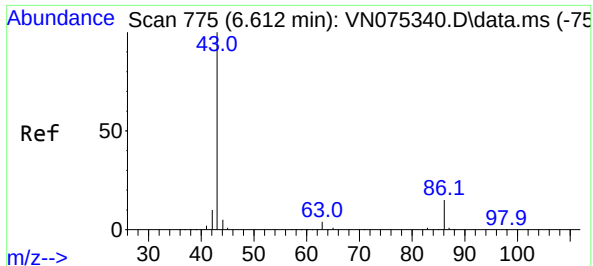
Tgt Ion:	84	Resp:	1778
Ion	Ratio	Lower	Upper
84	100		
49	73.2	94.9	142.3#
51	26.3	26.8	40.2#
86	71.9	53.7	80.5



#21
trans-1,2-Dichloroethene
Concen: 0.217 ug/l
RT: 5.795 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:	96	Resp:	258
Ion	Ratio	Lower	Upper
96	100		
61	26.4	99.9	149.9#
98	0.0	51.5	77.3#

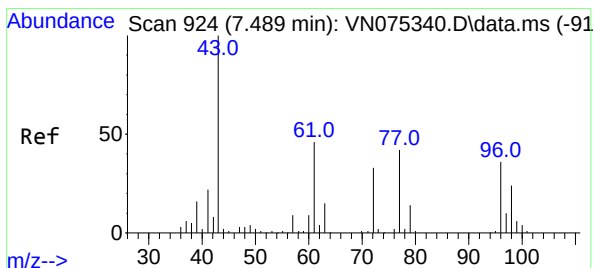
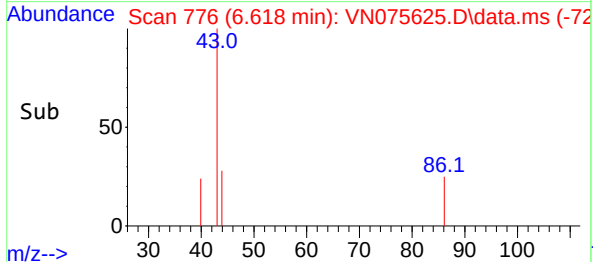
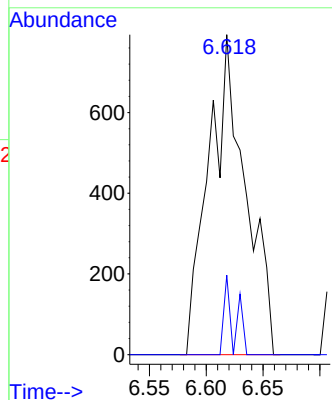
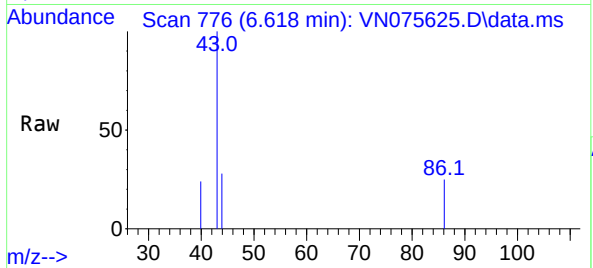




#23
 Vinyl Acetate
 Concen: 0.732 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN075625.D
 Acq: 07 Dec 2022 22:44

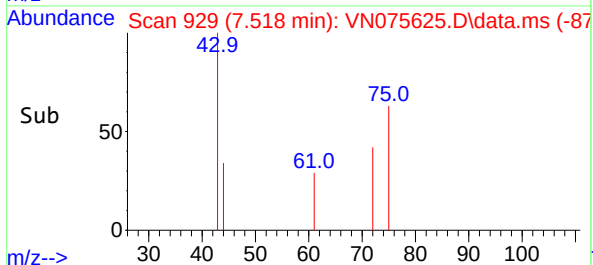
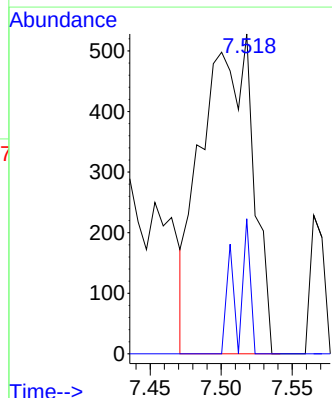
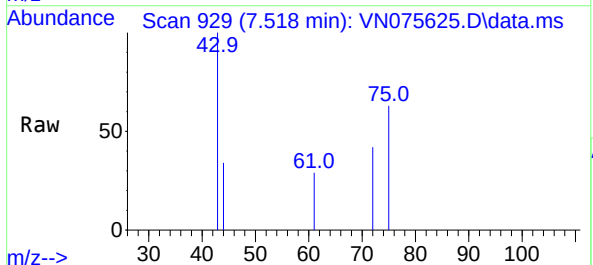
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207MBL02

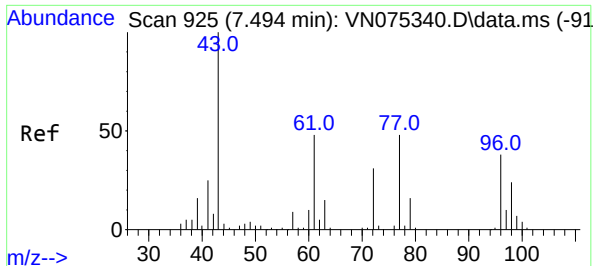
Tgt Ion: 43 Resp: 1791
 Ion Ratio Lower Upper
 43 100
 86 24.8 10.7 16.1#



#25
 2-Butanone
 Concen: 1.669 ug/l
 RT: 7.518 min Scan# 929
 Delta R.T. 0.029 min
 Lab File: VN075625.D
 Acq: 07 Dec 2022 22:44

Tgt Ion: 43 Resp: 1312
 Ion Ratio Lower Upper
 43 100
 72 42.2 25.5 38.3#

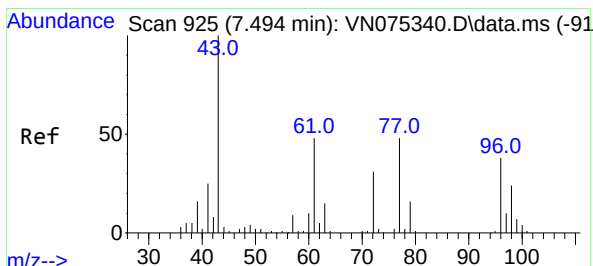
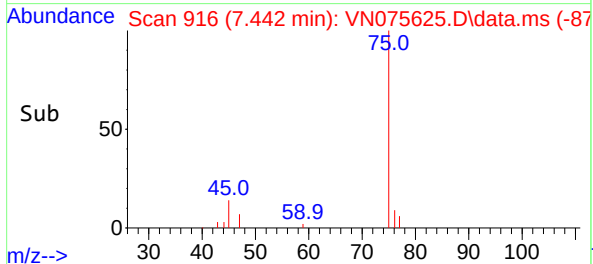
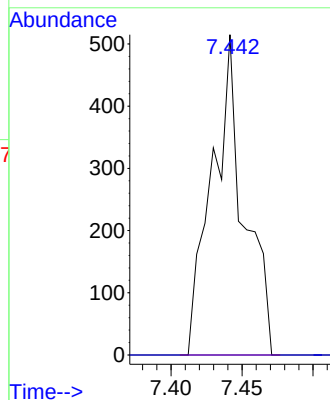
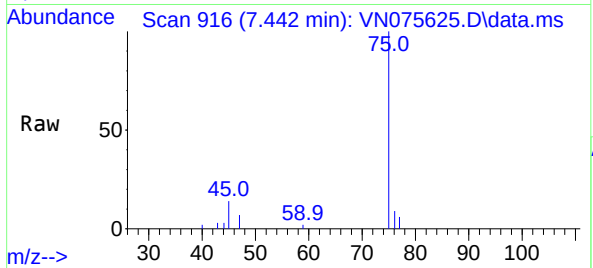




#26
2,2-Dichloropropane
Concen: 0.439 ug/l
RT: 7.442 min Scan# 916
Delta R.T. -0.052 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

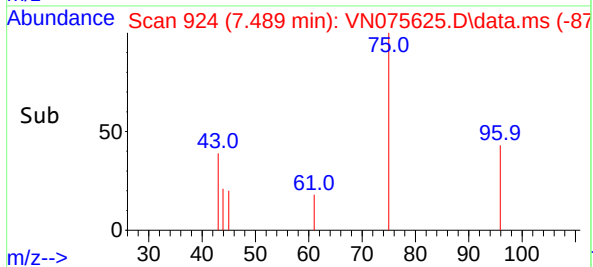
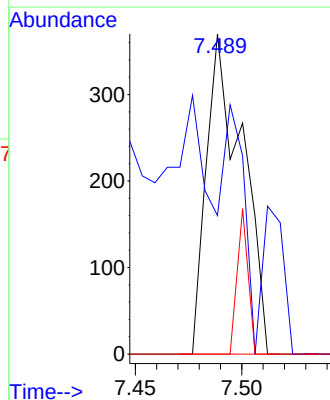
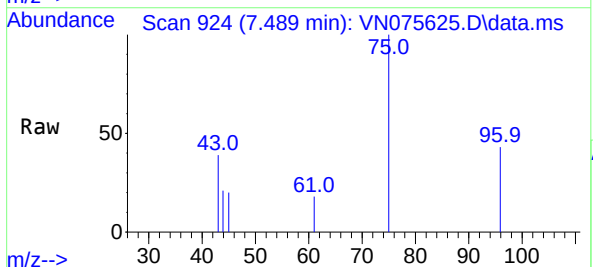
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

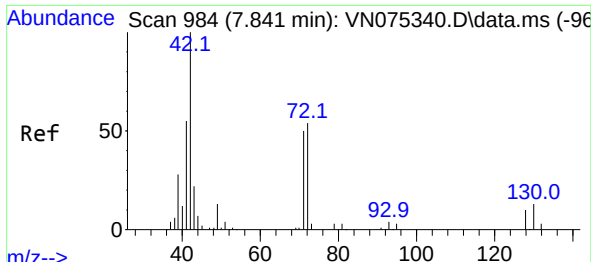
Tgt Ion: 77 Resp: 805
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#27
cis-1,2-Dichloroethene
Concen: 0.322 ug/l
RT: 7.489 min Scan# 924
Delta R.T. -0.005 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 96 Resp: 432
Ion Ratio Lower Upper
96 100
61 0.0 0.0 278.8
98 13.7 0.0 128.4

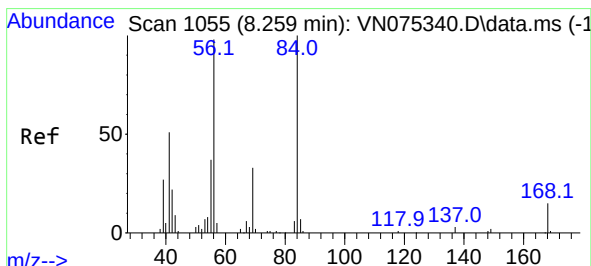
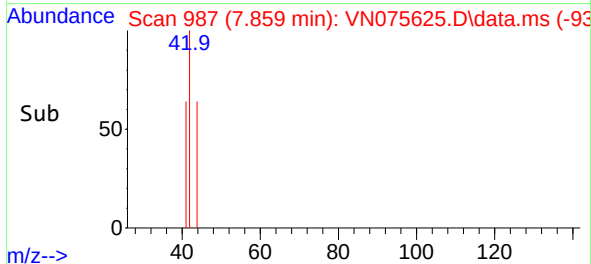
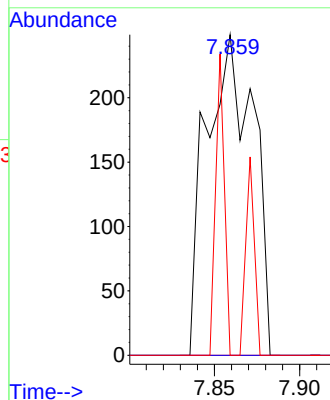
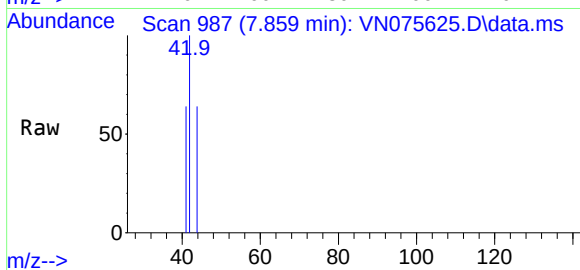




#29
Tetrahydrofuran
Concen: 0.998 ug/l
RT: 7.859 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

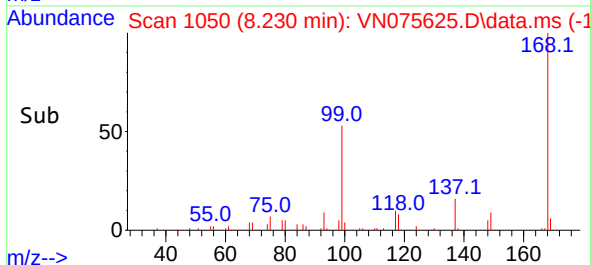
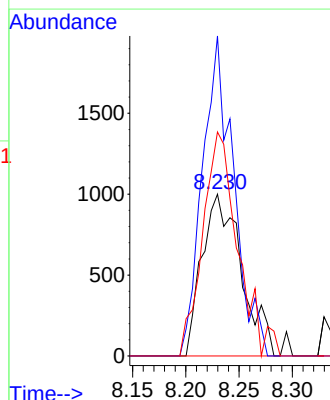
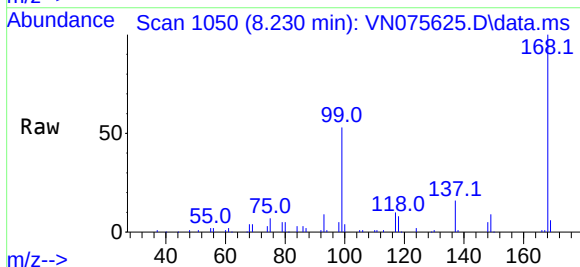
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

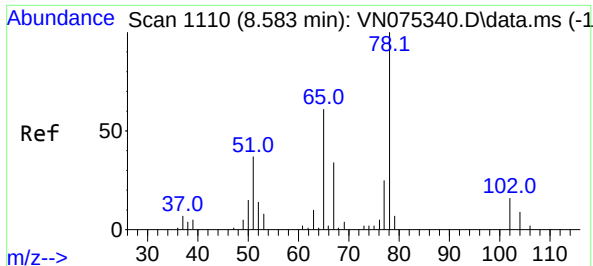
Tgt Ion: 42 Resp: 477
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 17.4 39.9 59.9#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 56 Resp: 2580
Ion Ratio Lower Upper
56 100
69 197.8 25.2 37.8#
84 138.5 77.8 116.8#

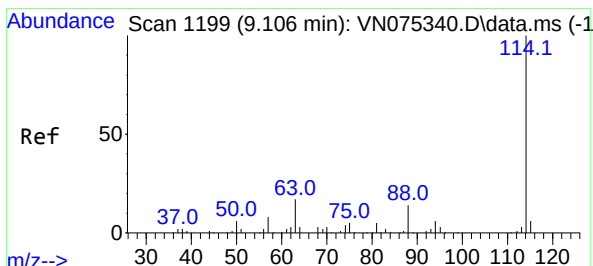
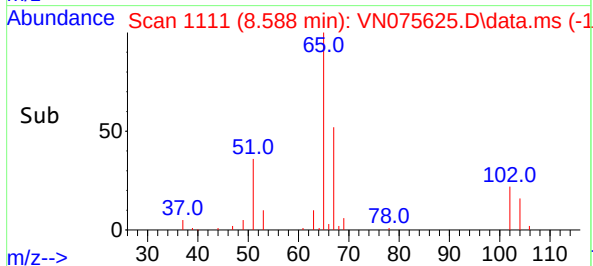
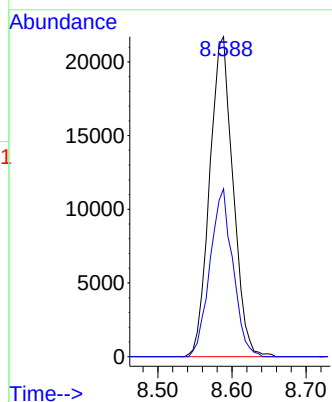
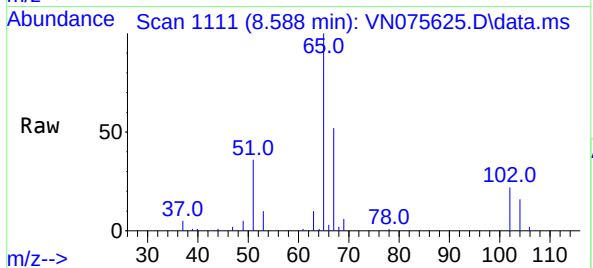




#33
1,2-Dichloroethane-d4
Concen: 78.999 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

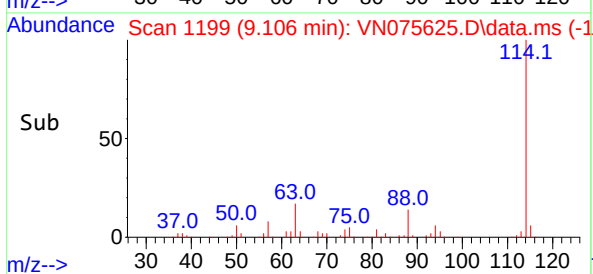
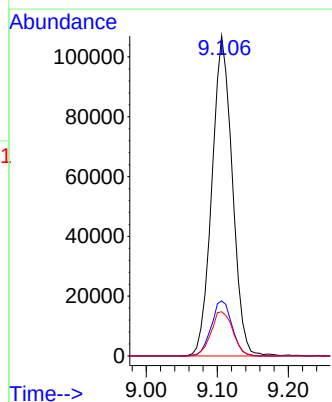
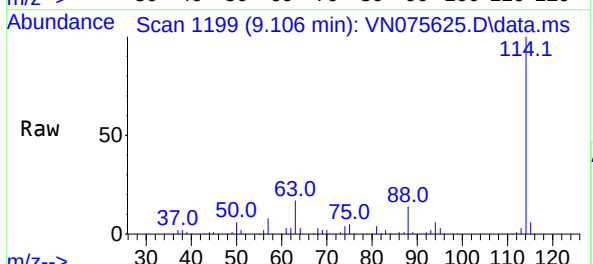
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

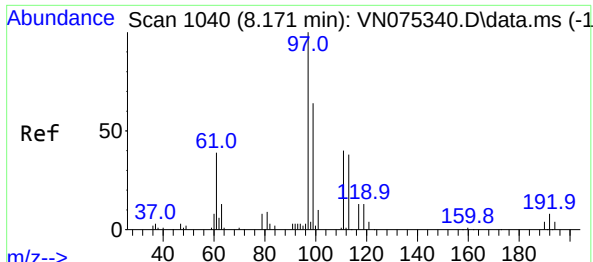
Tgt Ion: 65 Resp: 47691
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 114 Resp: 213138
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.6
88 13.8 0.0 29.0

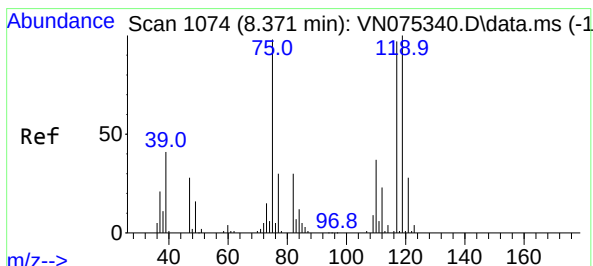
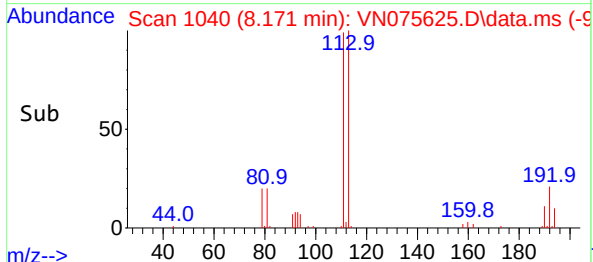
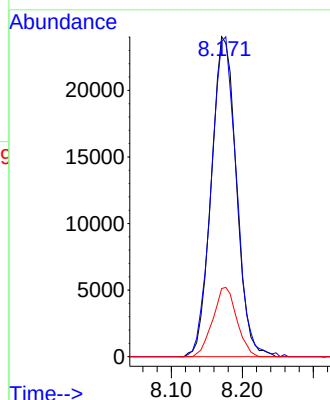
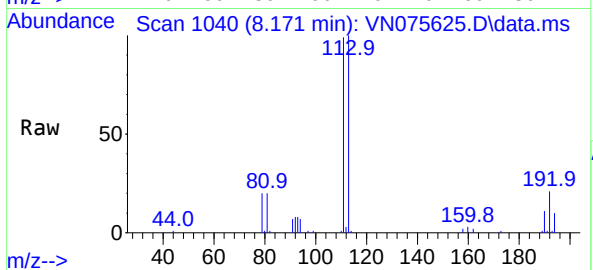




#35
Dibromofluoromethane
Concen: 70.094 ug/l
RT: 8.171 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

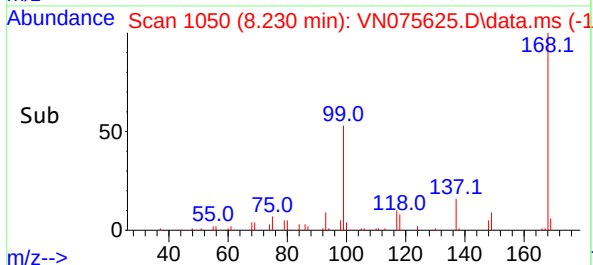
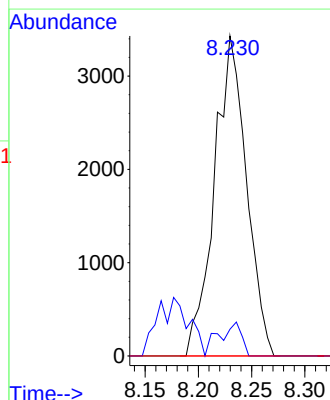
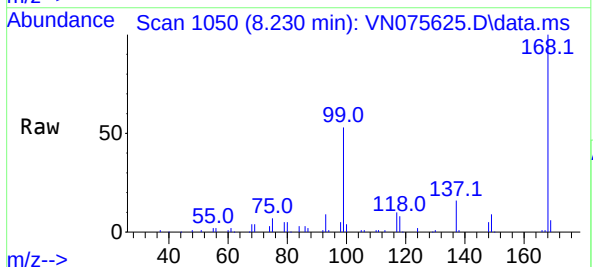
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

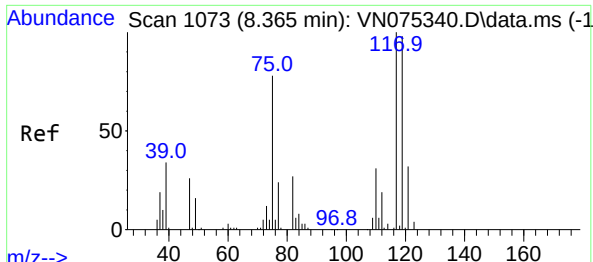
Tgt Ion:113 Resp: 58688
Ion Ratio Lower Upper
113 100
111 100.8 80.5 120.7
192 20.7 13.2 19.8#



#36
1,1-Dichloropropene
Concen: 3.937 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

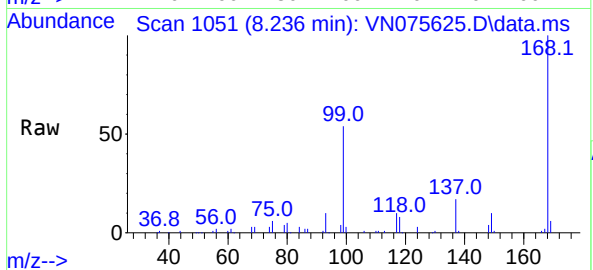
Tgt Ion: 75 Resp: 7188
Ion Ratio Lower Upper
75 100
110 7.4 17.8 53.3#
77 0.0 24.6 37.0#



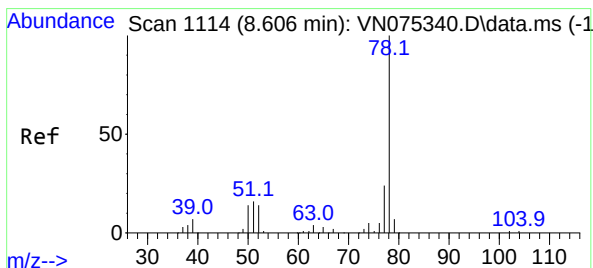
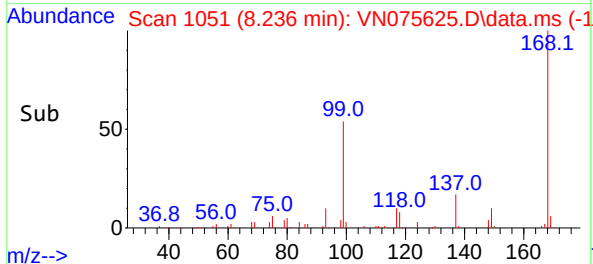
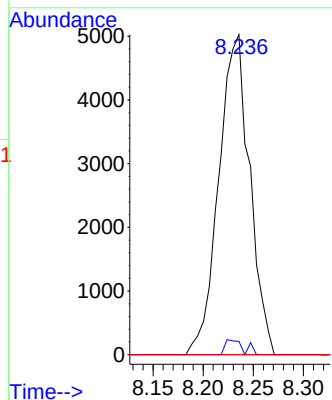


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

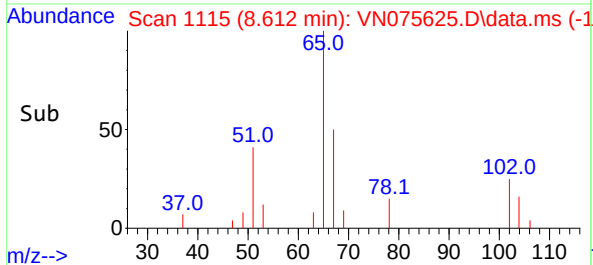
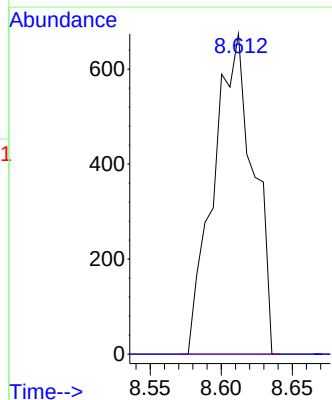
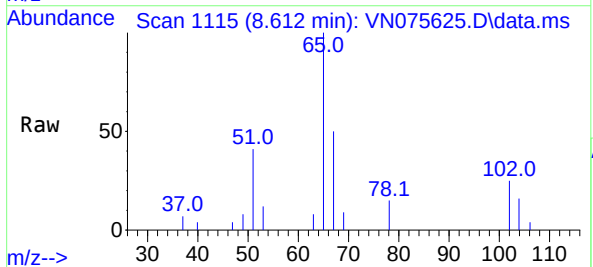


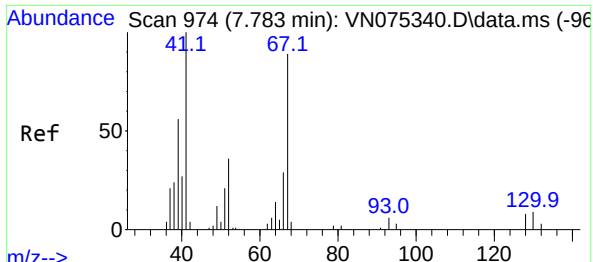
Tgt Ion:117 Resp: 10788
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 23.9 35.9#



#40
Benzene
Concen: 0.236 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 78 Resp: 1317
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



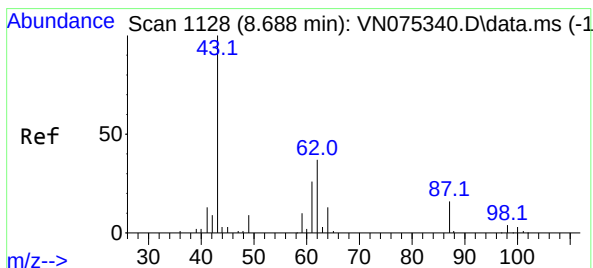
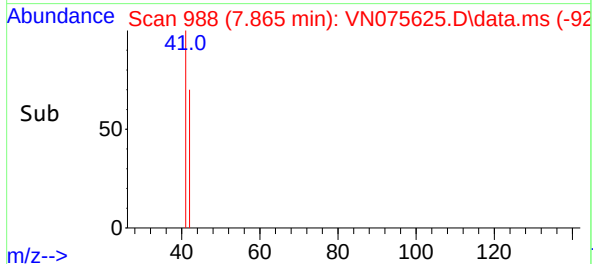
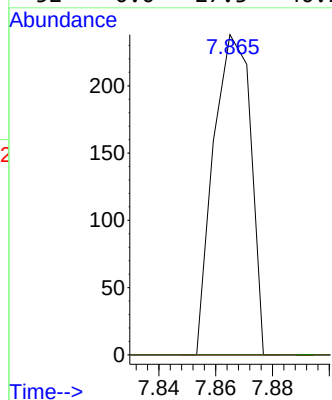
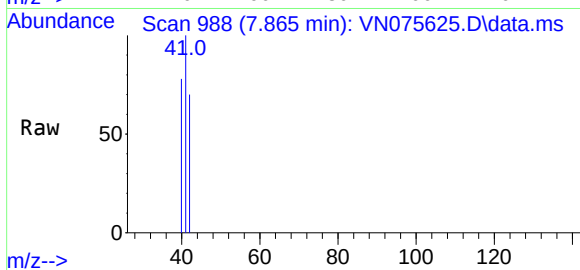


#41
Methacrylonitrile
Concen: 0.257 ug/l
RT: 7.865 min Scan# 91
Delta R.T. 0.082 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

Tgt Ion: 41 Resp: 216

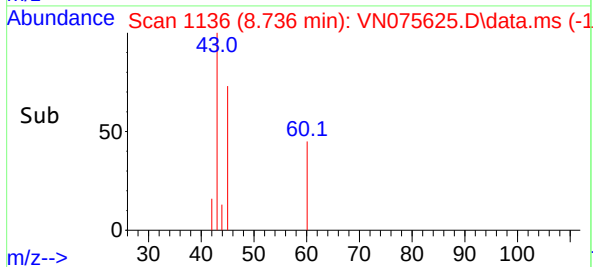
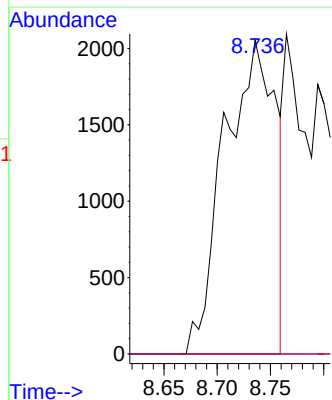
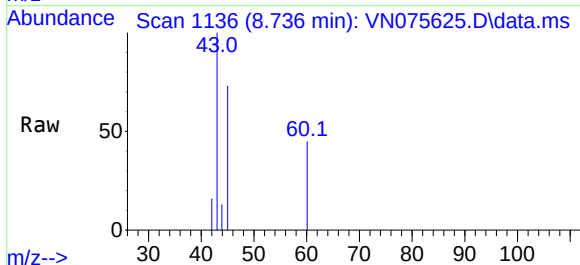
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.4	66.6#
67	0.0	69.8	104.6#
52	0.0	27.3	40.9#

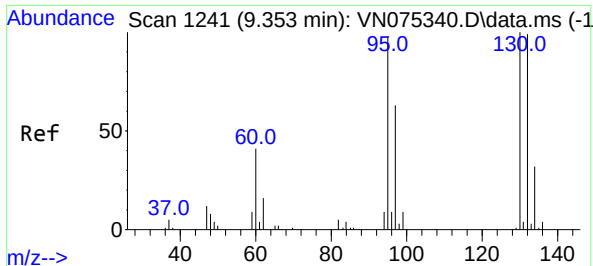


#43
Isopropyl Acetate
Concen: 2.602 ug/l
RT: 8.736 min Scan# 1136
Delta R.T. 0.048 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 43 Resp: 6866

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	12.5	18.7#

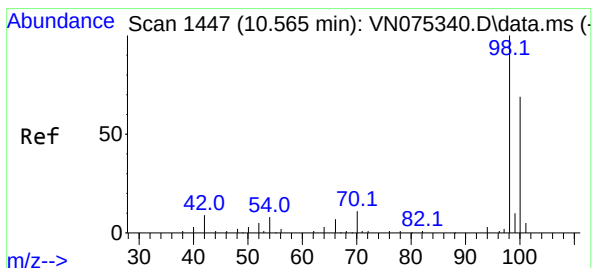
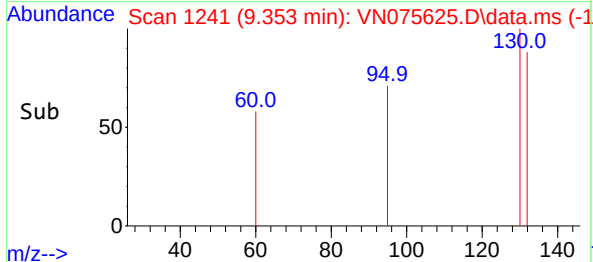
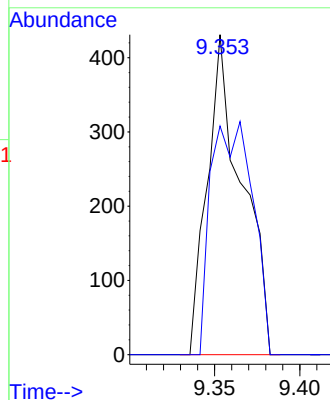
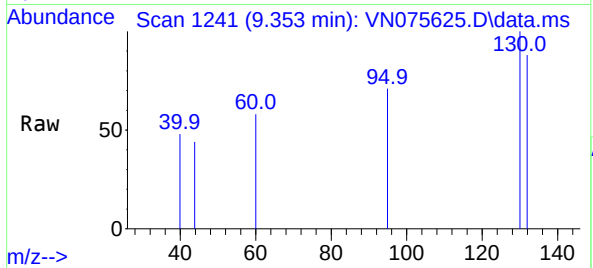




#44
Trichloroethene
Concen: 0.397 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

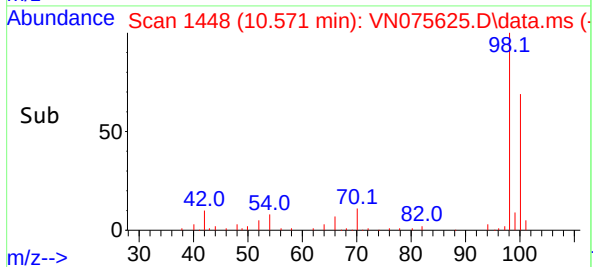
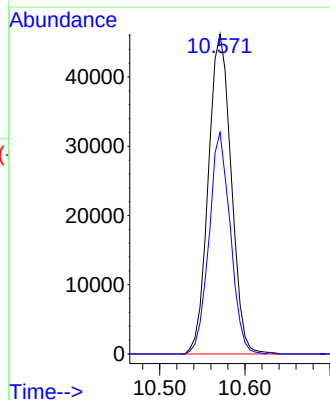
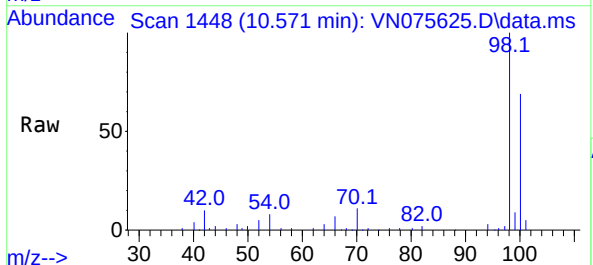
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

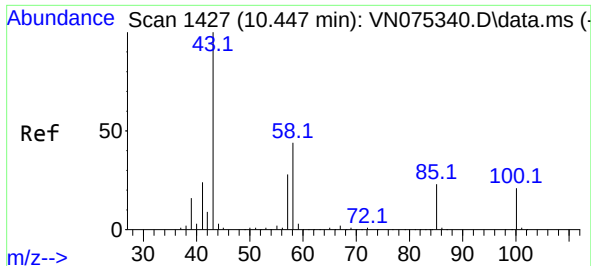
Tgt Ion:130 Resp: 607
Ion Ratio Lower Upper
130 100
95 71.5 0.0 198.4



#50
Toluene-d8
Concen: 45.676 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 98 Resp: 86134
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.6

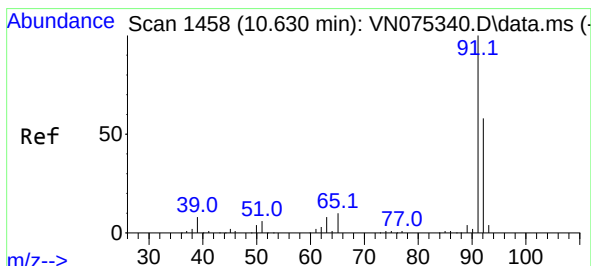
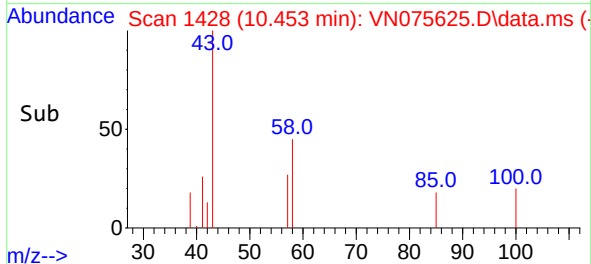
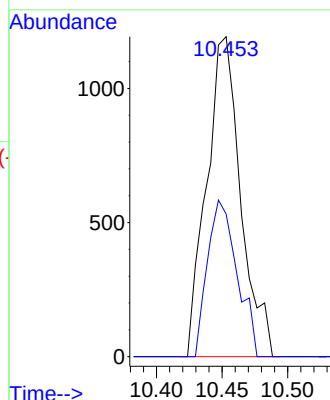
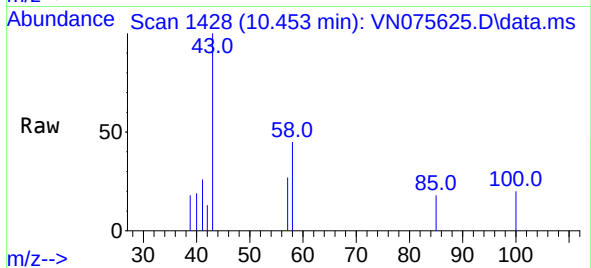




#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

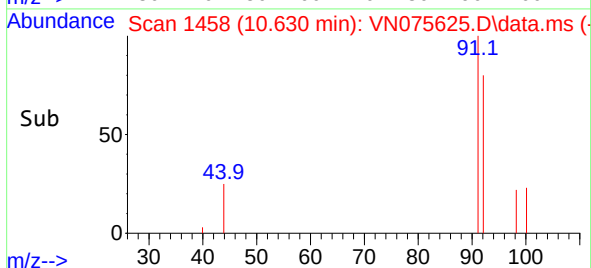
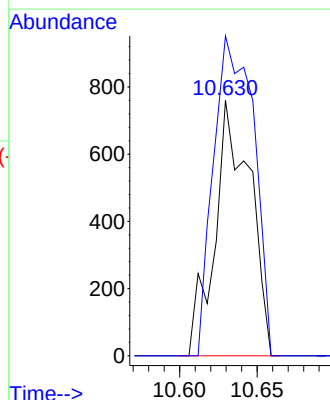
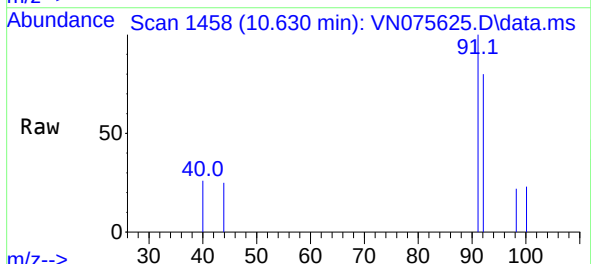
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

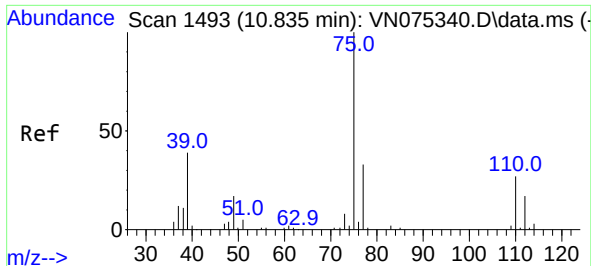
Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
58 42.4 33.6 50.4



#52
Toluene
Concen: 0.334 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 92 Resp: 1202
Ion Ratio Lower Upper
92 100
91 142.6 135.4 203.2

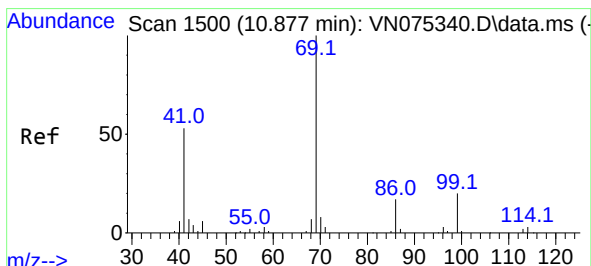
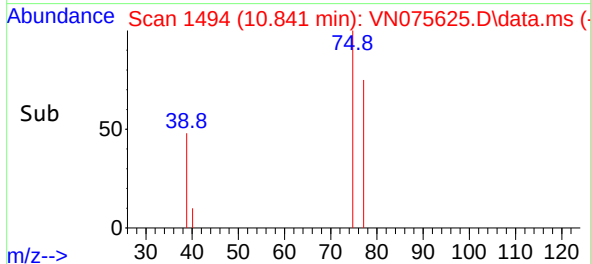
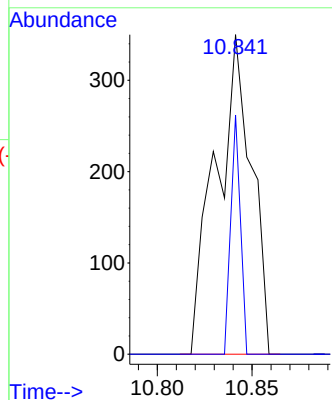
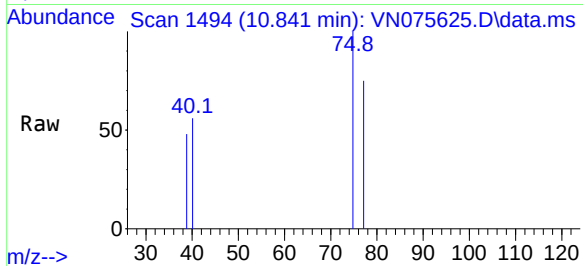




#53
t-1,3-Dichloropropene
Concen: 0.234 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

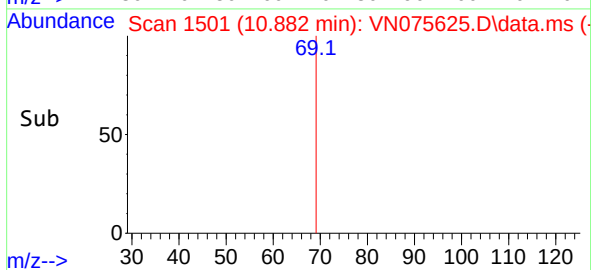
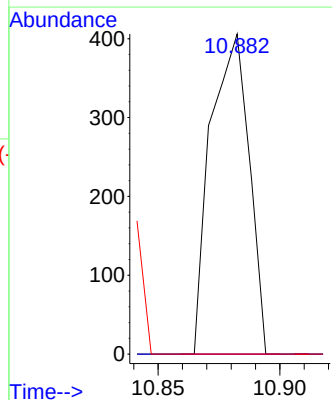
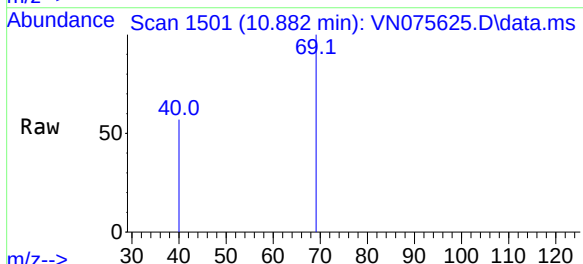
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

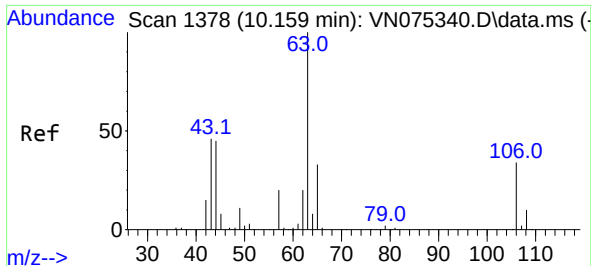
Tgt Ion: 75 Resp: 459
Ion Ratio Lower Upper
75 100
77 74.9 25.4 38.2#



#56
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 10.882 min Scan# 1501
Delta R.T. 0.005 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 69 Resp: 446
Ion Ratio Lower Upper
69 100
41 0.0 45.6 68.4#
39 0.0 28.5 42.7#

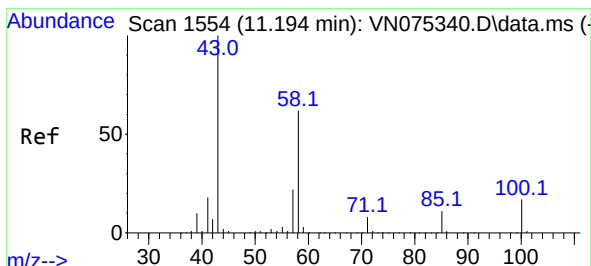
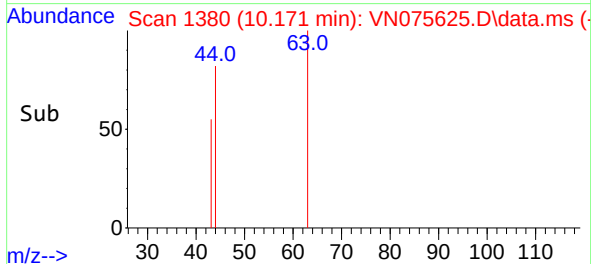
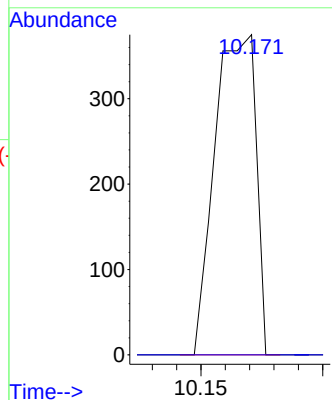
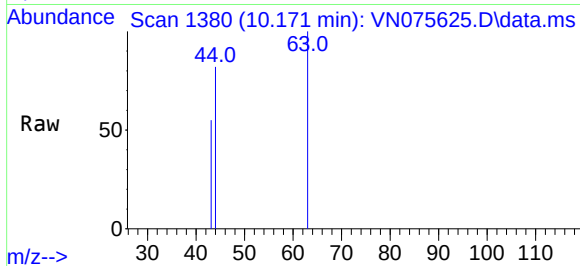




#58
2-Chloroethyl Vinyl ether
Concen: 0.614 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

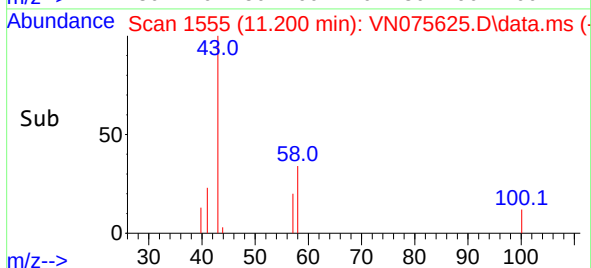
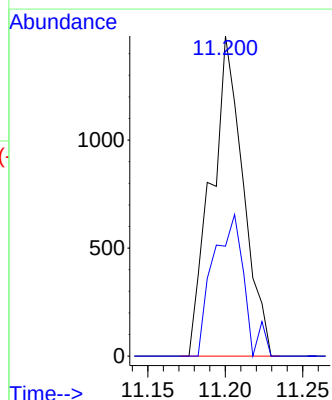
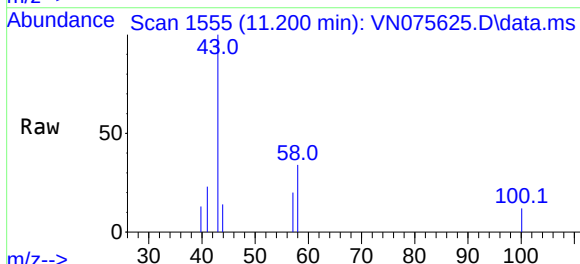
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

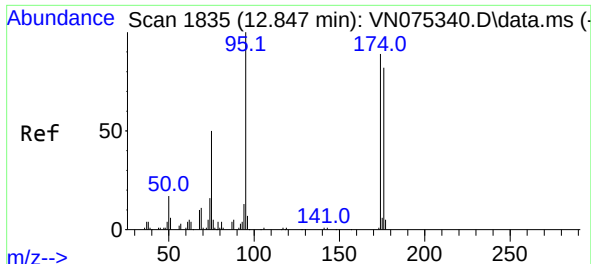
Tgt Ion: 63 Resp: 439
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#



#59
2-Hexanone
Concen: 1.680 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
58 43.0 29.6 88.8

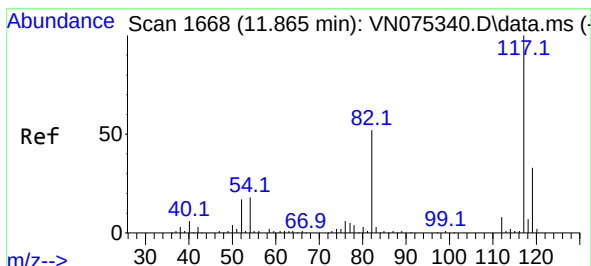
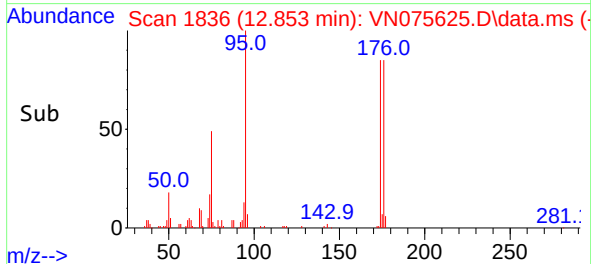
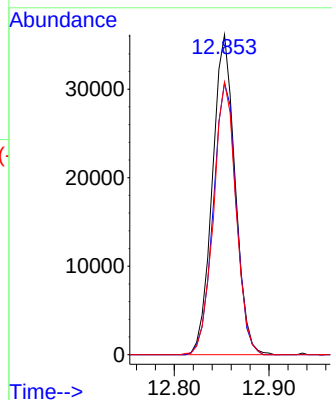
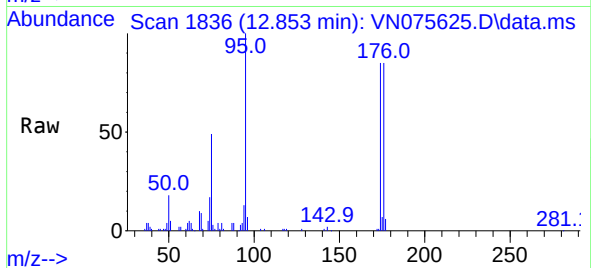




#62
4-Bromofluorobenzene
Concen: 43.162 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

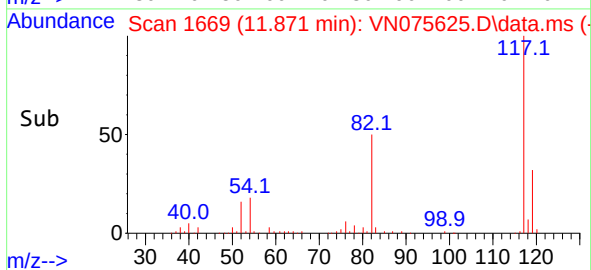
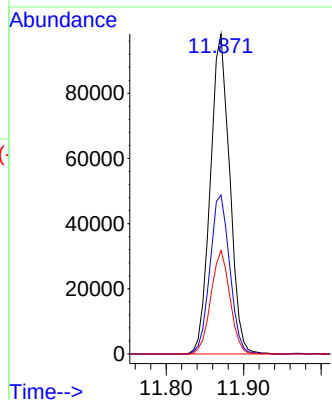
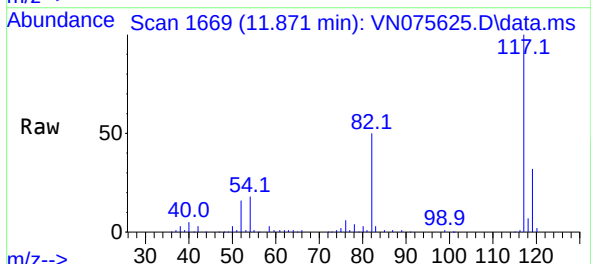
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

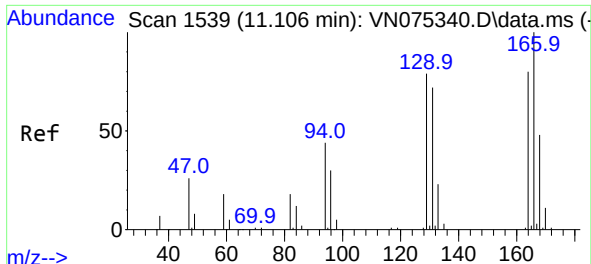
Tgt Ion: 95 Resp: 60078
Ion Ratio Lower Upper
95 100
174 86.1 0.0 147.4
176 84.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 117 Resp: 170484
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 32.3 25.5 38.3

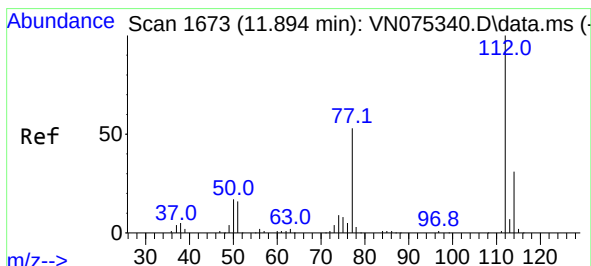
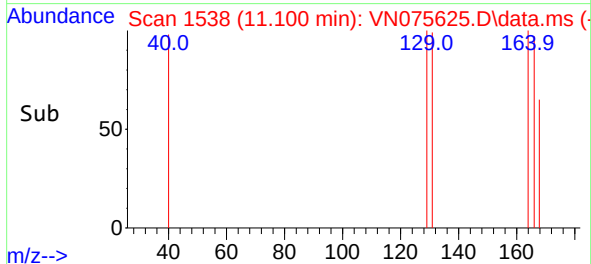
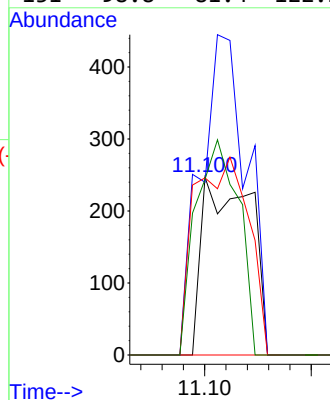
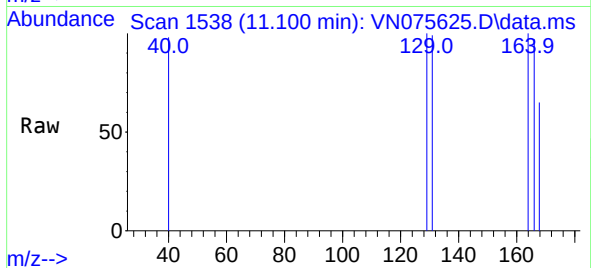




#64
Tetrachloroethene
Concen: 0.300 ug/l
RT: 11.100 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

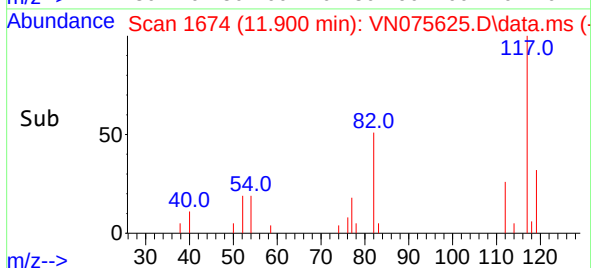
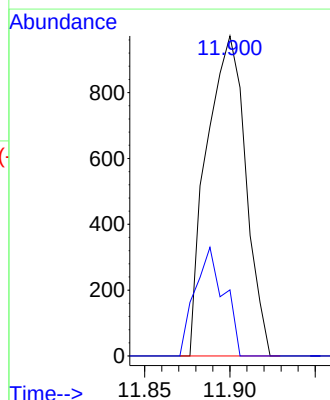
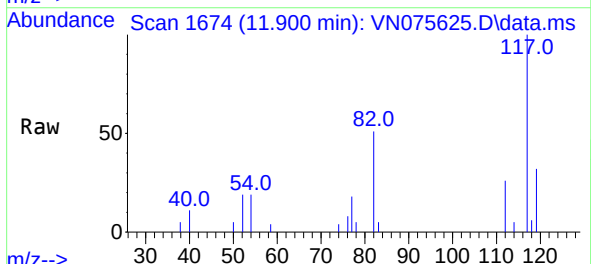
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

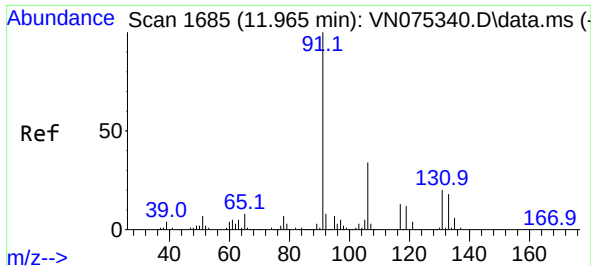
Tgt Ion:164 Resp: 390
Ion Ratio Lower Upper
164 100
166 97.2 106.5 159.7#
129 99.6 81.9 122.9
131 98.8 81.4 122.2



#65
Chlorobenzene
Concen: 0.440 ug/l
RT: 11.900 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:112 Resp: 1549
Ion Ratio Lower Upper
112 100
114 20.7 25.4 38.2#

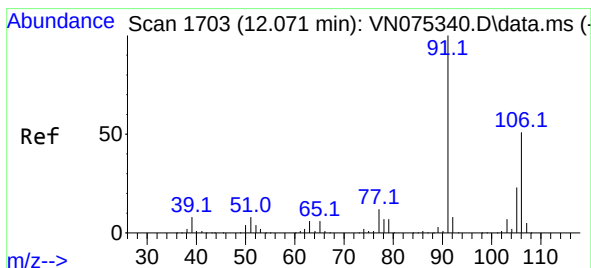
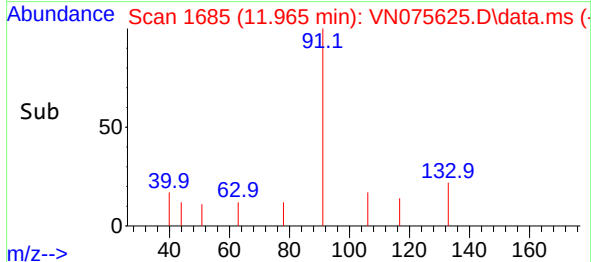
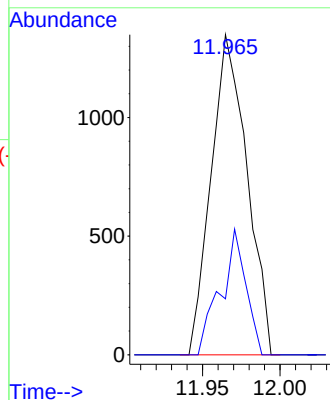
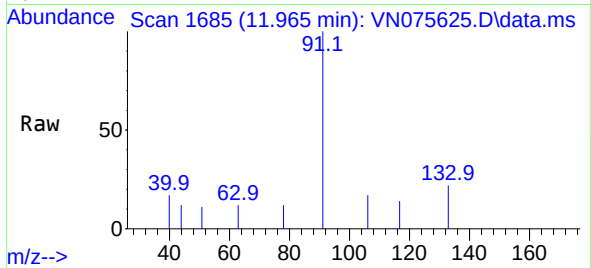




#67
Ethyl Benzene
Concen: 0.361 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

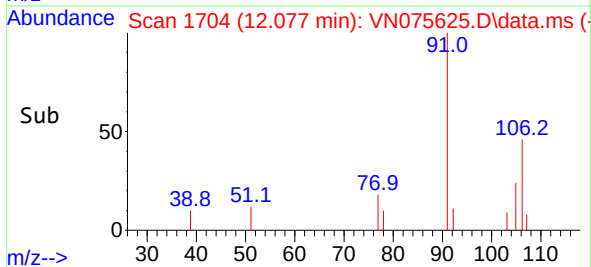
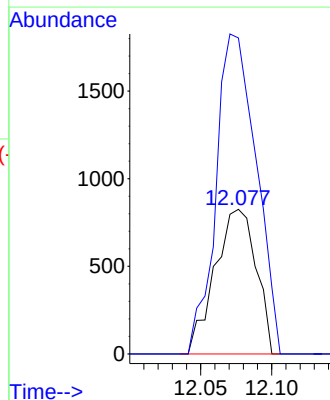
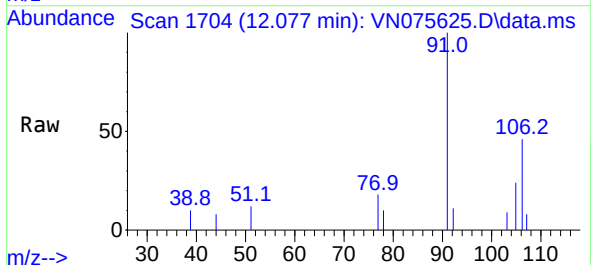
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

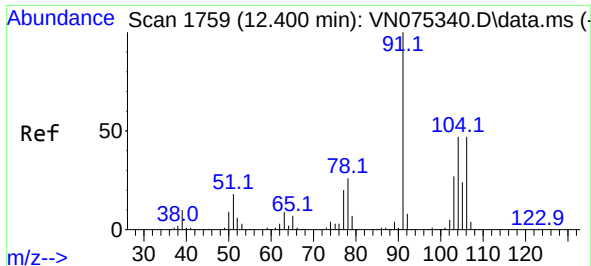
Tgt Ion: 91 Resp: 2169
Ion Ratio Lower Upper
91 100
106 17.5 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.681 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 106 Resp: 1660
Ion Ratio Lower Upper
106 100
91 217.1 156.0 234.0

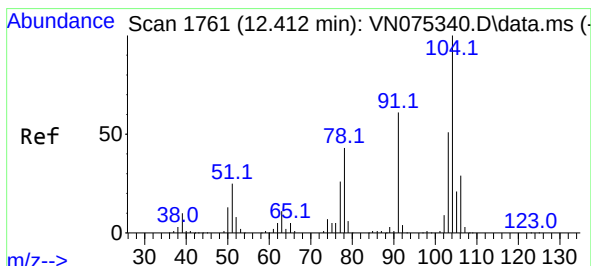
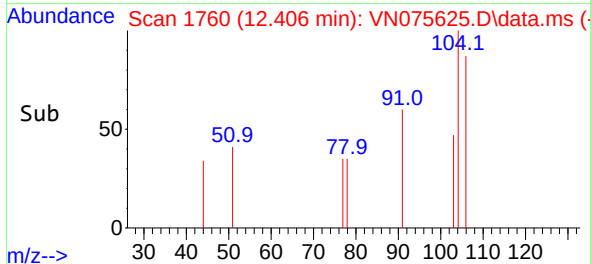
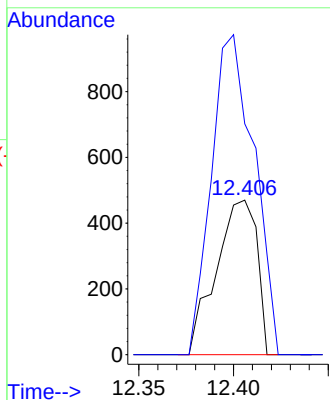
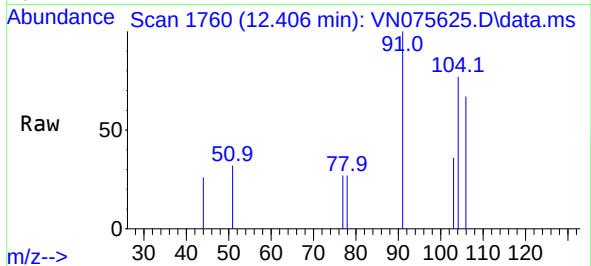




#69
o-Xylene
Concen: 0.291 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

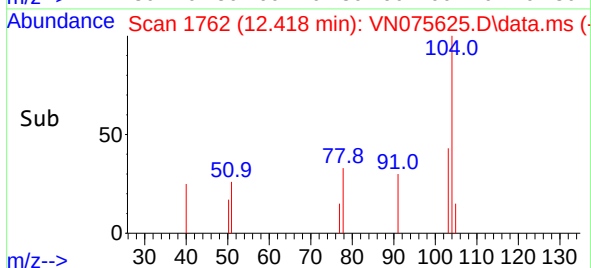
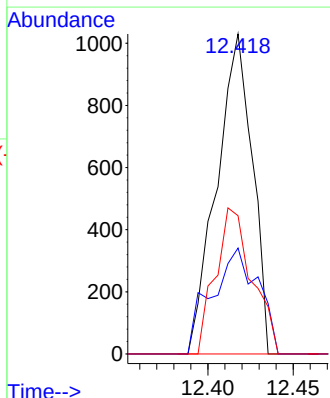
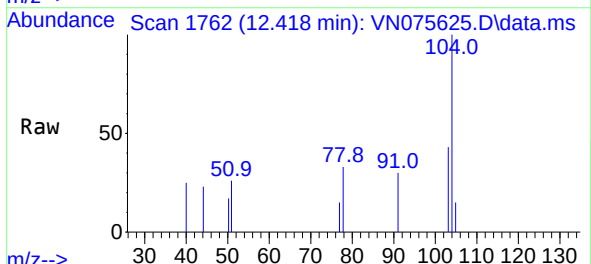
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

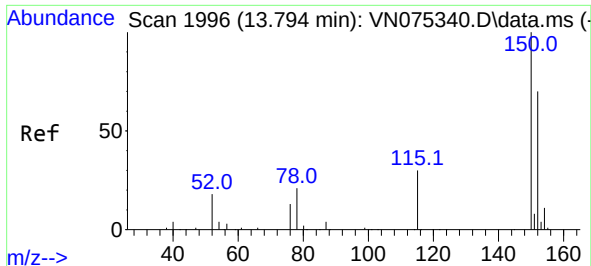
Tgt Ion:106 Resp: 705
Ion Ratio Lower Upper
106 100
91 216.2 105.2 315.5



#70
Styrene
Concen: 0.391 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:104 Resp: 1495
Ion Ratio Lower Upper
104 100
78 43.2 38.1 57.1
103 47.1 44.6 66.8

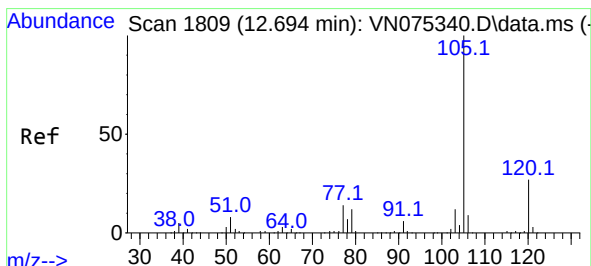
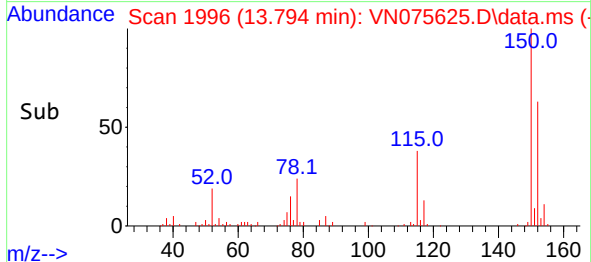
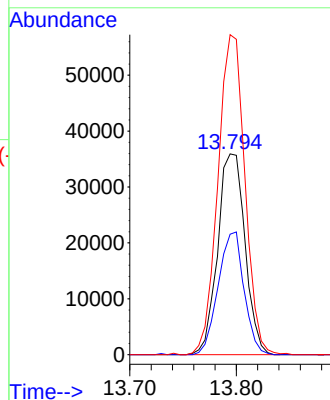
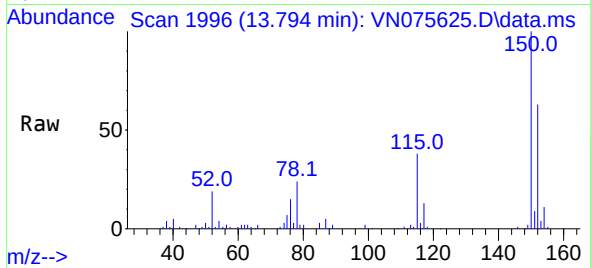




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

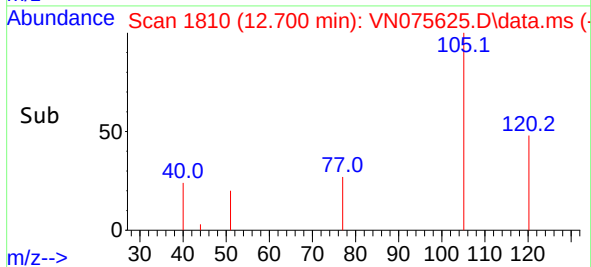
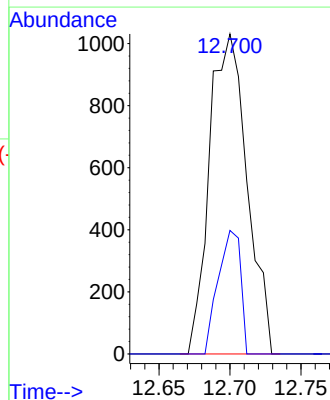
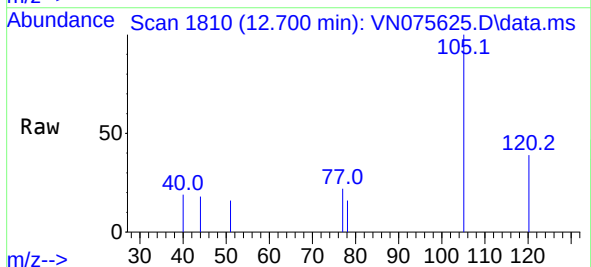
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

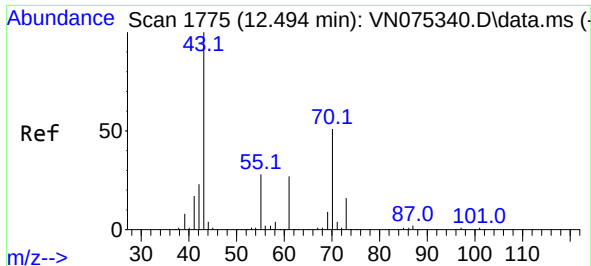
Tgt Ion:152 Resp: 63934
Ion Ratio Lower Upper
152 100
115 57.8 30.2 90.6
150 157.5 0.0 348.4



#73
Isopropylbenzene
Concen: 0.407 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:105 Resp: 1902
Ion Ratio Lower Upper
105 100
120 22.9 13.1 39.1

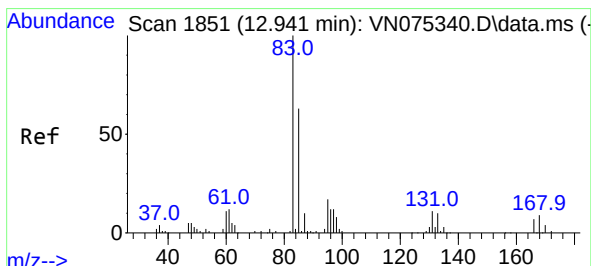
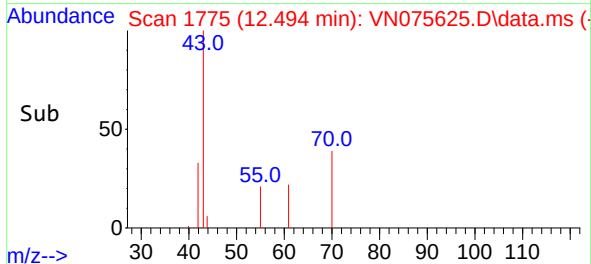
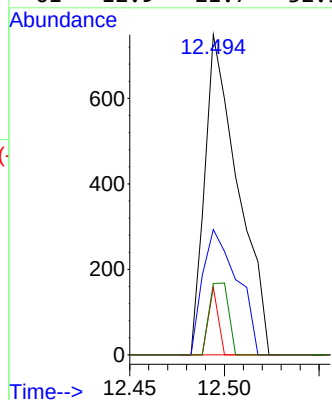
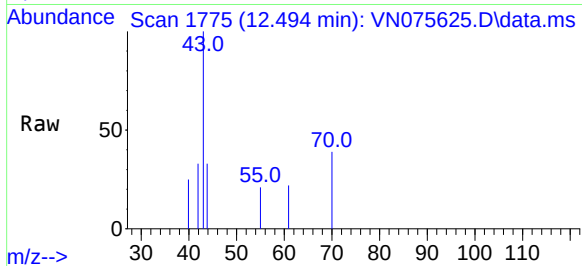




#74
N-amy1 acetate
Concen: 0.639 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

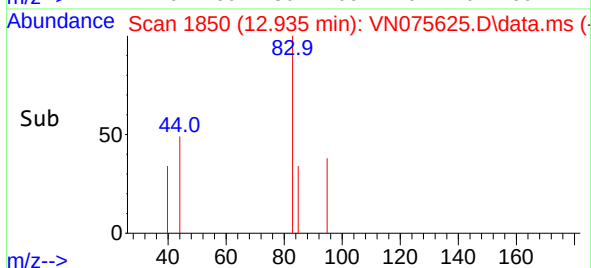
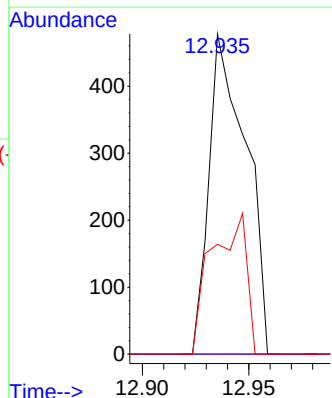
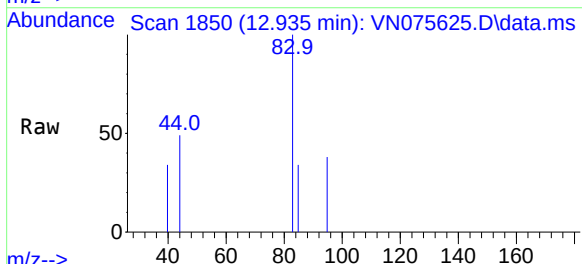
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

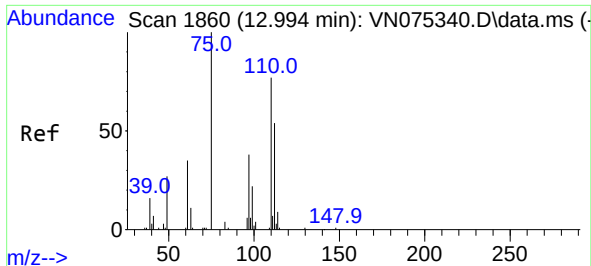
Tgt Ion: 43	Resp: 917
Ion Ratio	Lower Upper
43 100	
70 40.6	39.8 59.8
55 6.1	19.9 29.9#
61 12.9	21.7 32.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.407 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 83	Resp:	579	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.1	15.3#	
85 41.5	31.6	94.7	

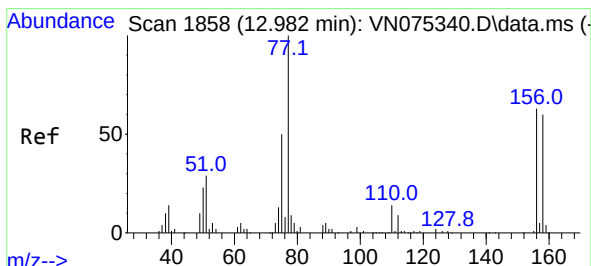
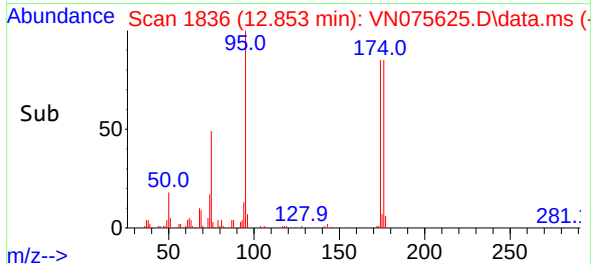
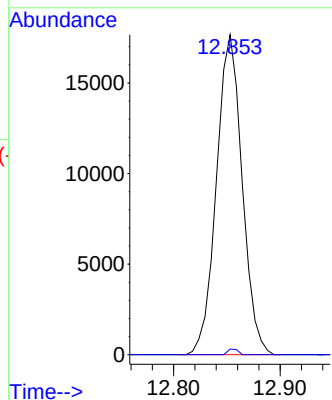
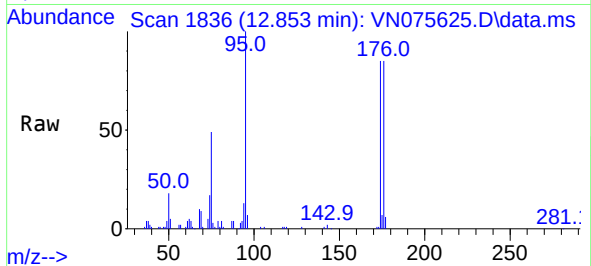




#76
1,2,3-Trichloropropane
Concen: 24.476 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

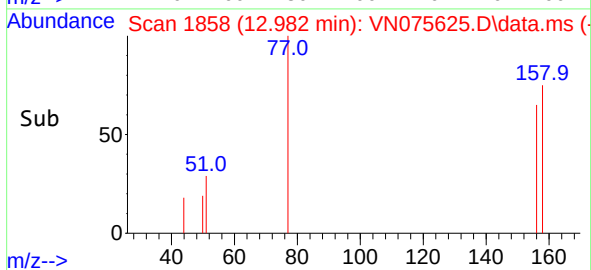
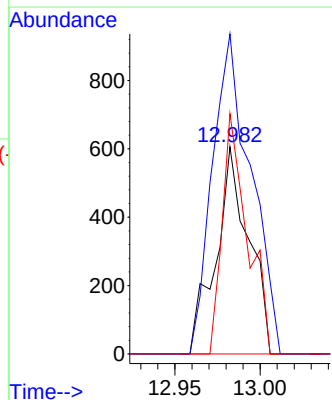
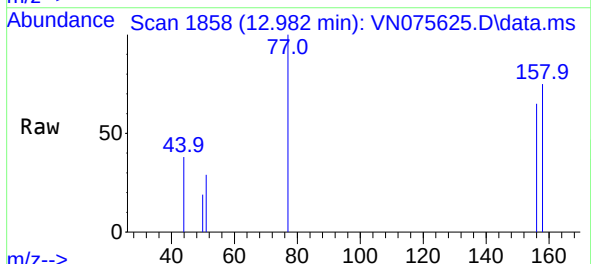
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

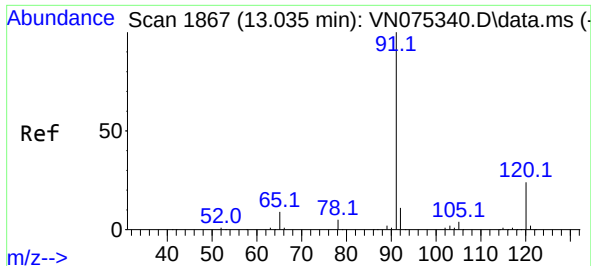
Tgt Ion: 75 Resp: 29587
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#77
Bromobenzene
Concen: 0.704 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:156 Resp: 812
Ion Ratio Lower Upper
156 100
77 181.0 108.5 325.5
158 88.7 47.7 143.1

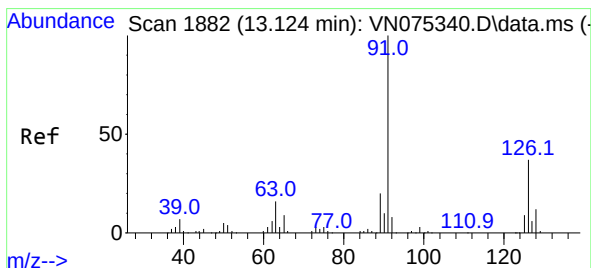
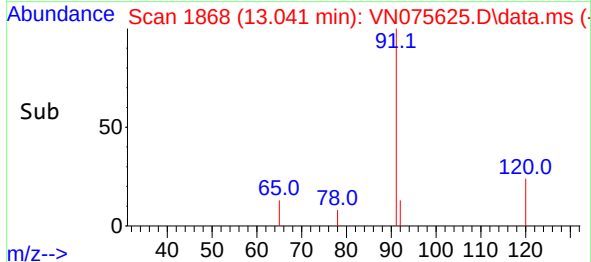
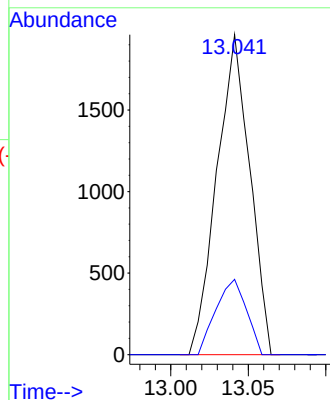
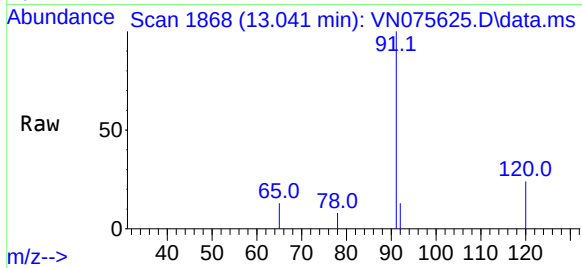




#78
n-propylbenzene
Concen: 0.556 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

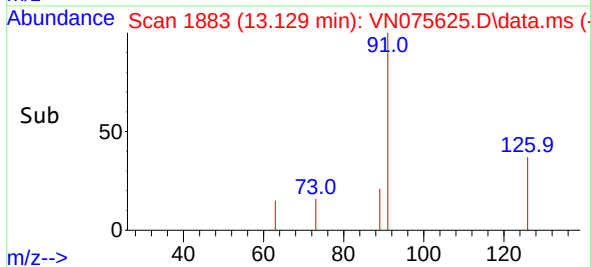
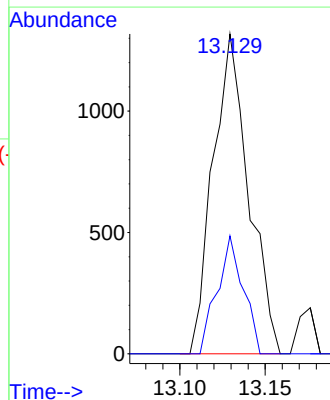
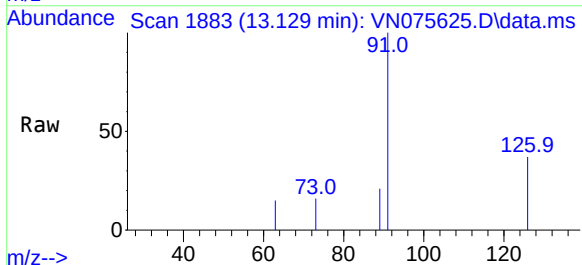
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

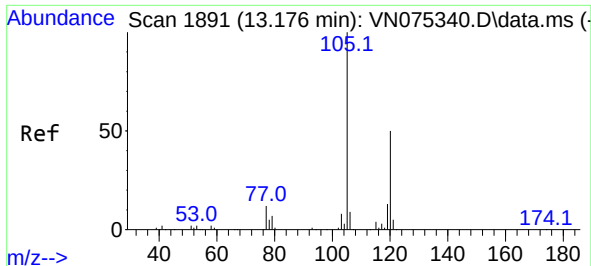
Tgt Ion: 91 Resp: 2900
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.611 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 91 Resp: 1918
Ion Ratio Lower Upper
91 100
126 26.9 16.9 50.7

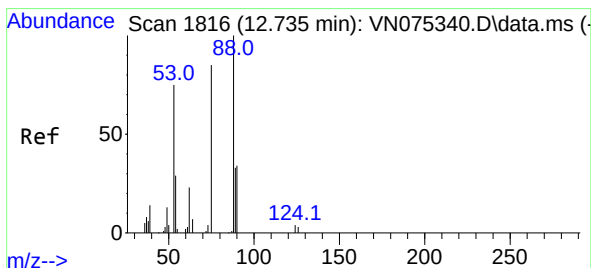
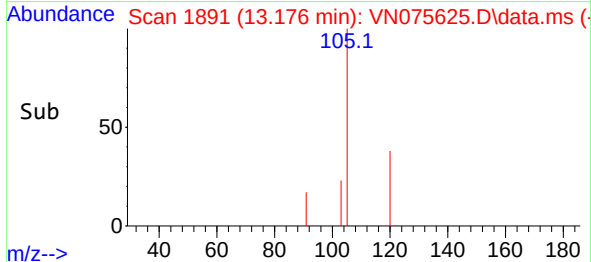
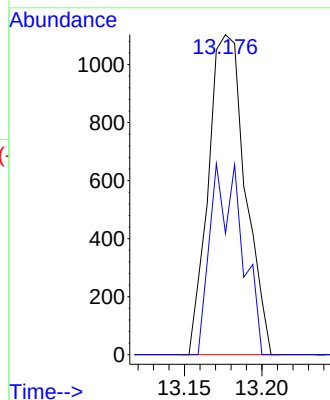
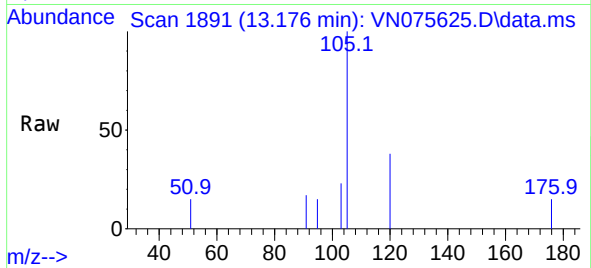




#80
1,3,5-Trimethylbenzene
Concen: 0.472 ug/l
RT: 13.176 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

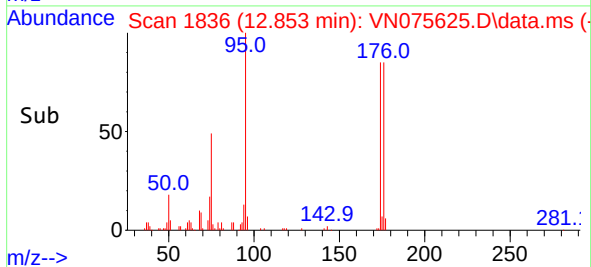
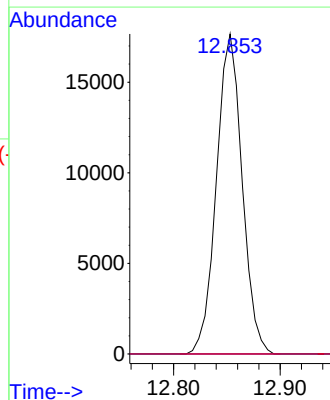
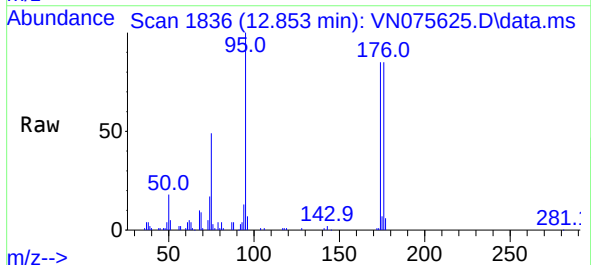
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

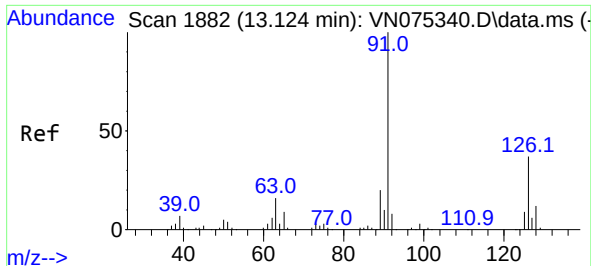
Tgt Ion:105 Resp: 1831
Ion Ratio Lower Upper
105 100
120 50.7 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 72.418 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 75 Resp: 29587
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

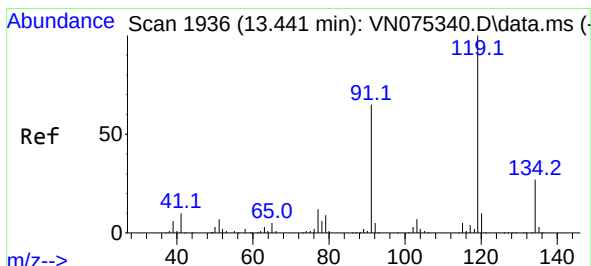
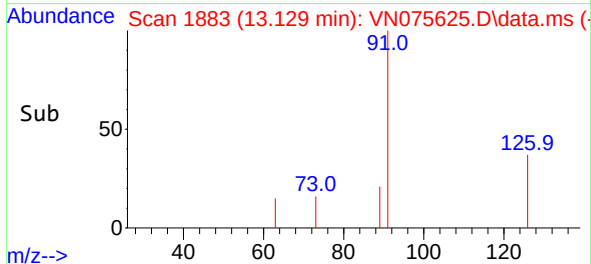
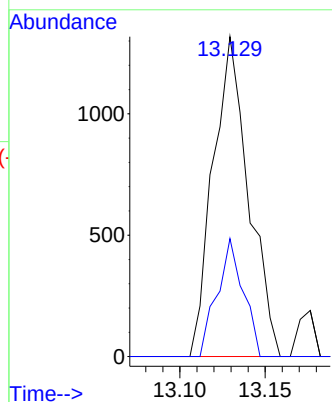
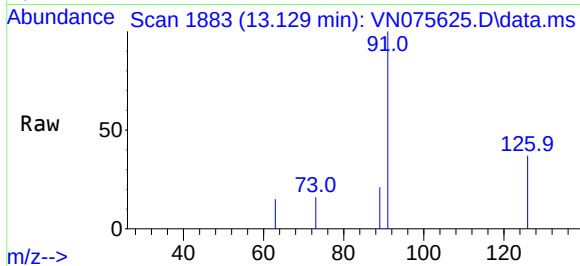




#82
4-Chlorotoluene
Concen: 0.611 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

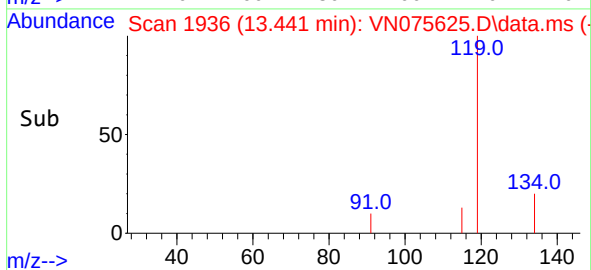
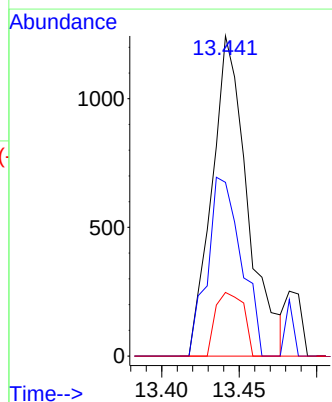
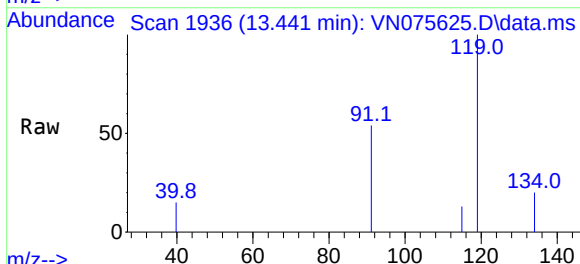
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

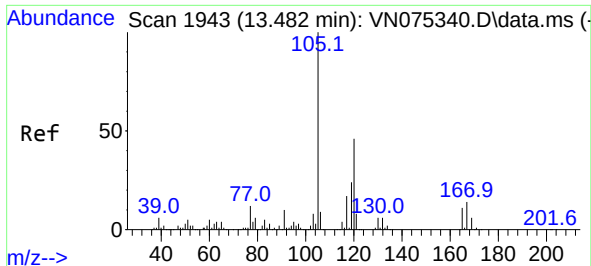
Tgt Ion: 91 Resp: 1918
Ion Ratio Lower Upper
91 100
126 26.9 16.9 50.7



#83
tert-Butylbenzene
Concen: 0.561 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 119 Resp: 1985
Ion Ratio Lower Upper
119 100
91 53.0 32.8 98.4
134 15.7 12.3 36.9

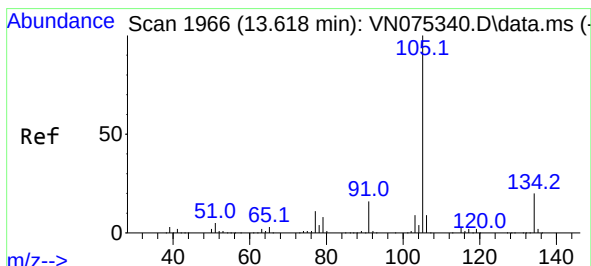
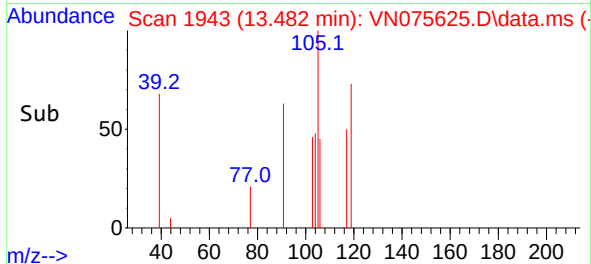
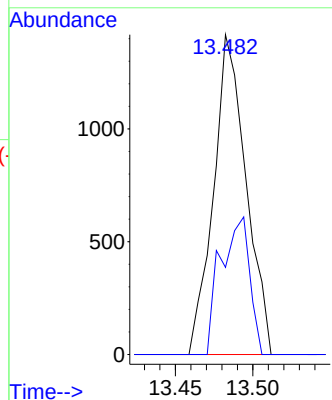
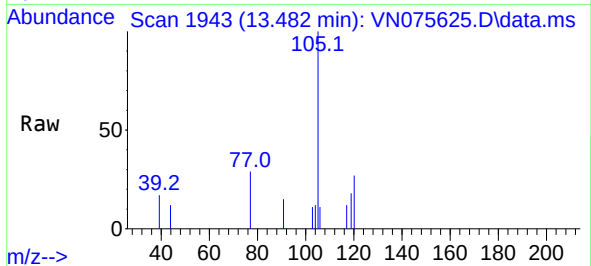




#84
1,2,4-Trimethylbenzene
Concen: 0.531 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

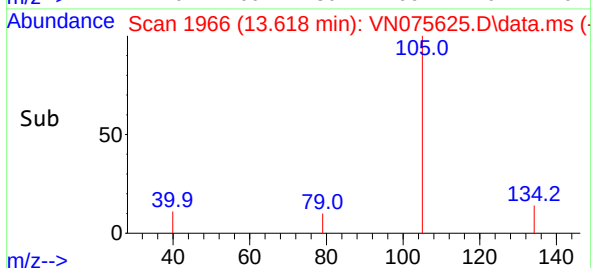
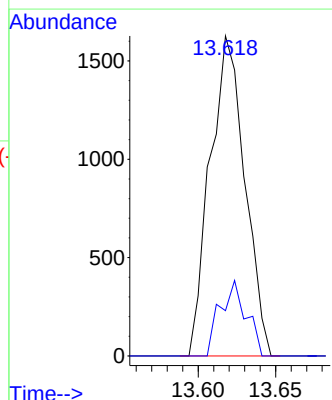
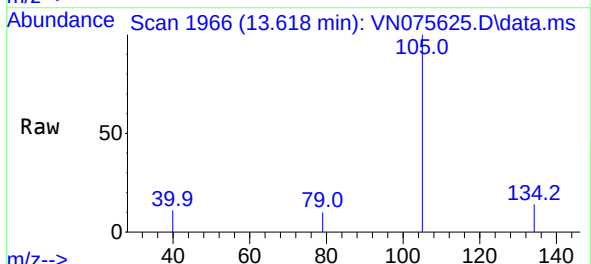
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

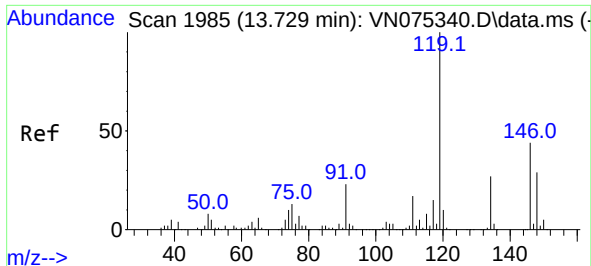
Tgt Ion:105 Resp: 2066
Ion Ratio Lower Upper
105 100
120 38.2 22.7 68.1



#85
sec-Butylbenzene
Concen: 0.529 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:105 Resp: 2538
Ion Ratio Lower Upper
105 100
134 17.6 10.2 30.6



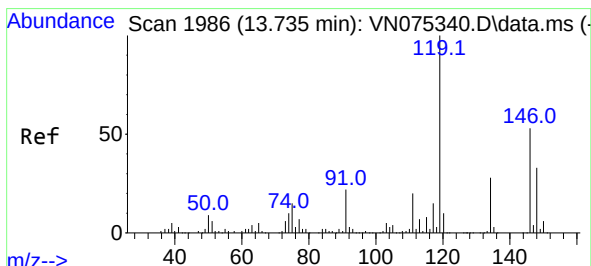
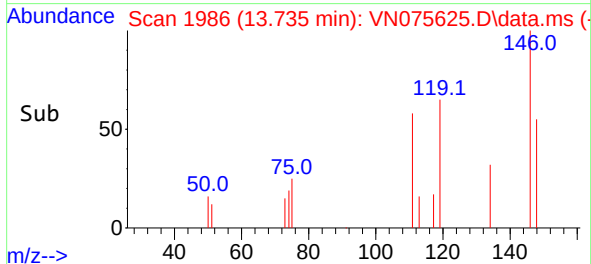
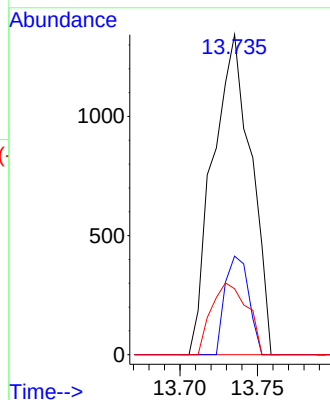
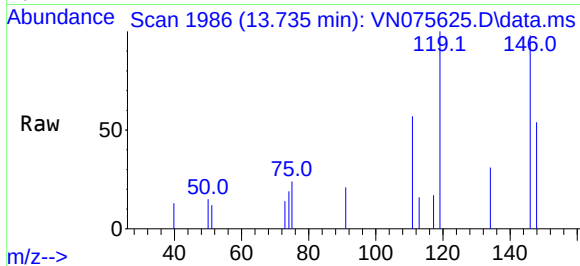


#86
p-Isopropyltoluene
Concen: 0.570 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

Tgt Ion:119 Resp: 2303

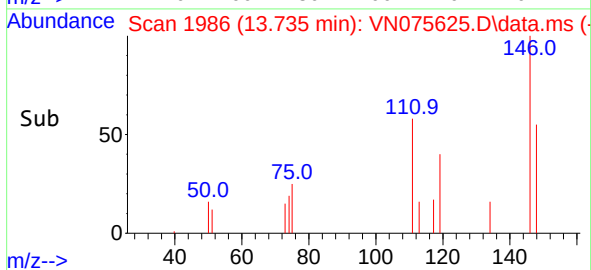
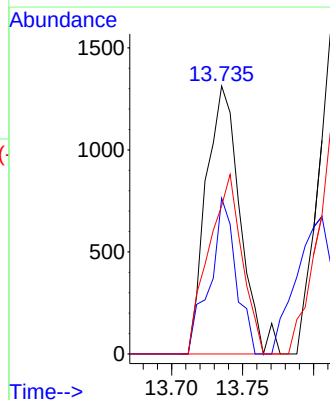
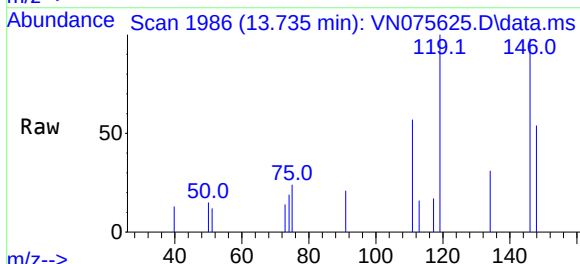
Ion	Ratio	Lower	Upper
119	100		
134	19.2	13.1	39.3
91	21.0	11.9	35.5

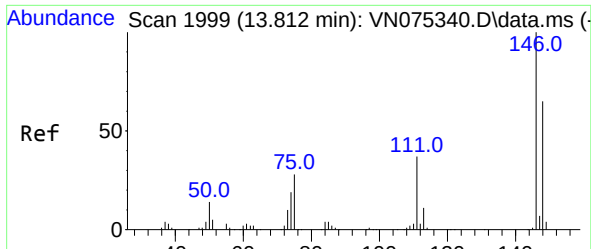


#87
1,3-Dichlorobenzene
Concen: 0.998 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion:146 Resp: 2180

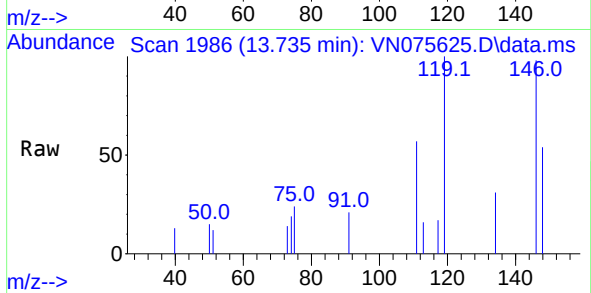
Ion	Ratio	Lower	Upper
146	100		
111	44.6	20.8	62.5
148	65.4	31.1	93.5



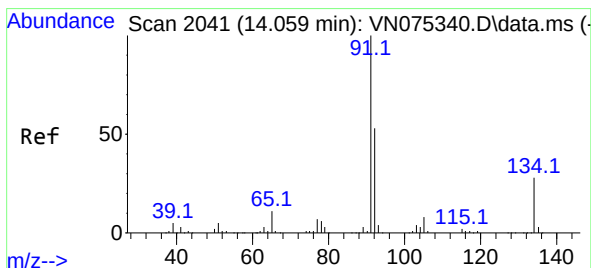
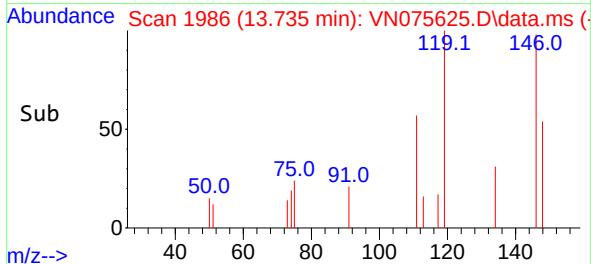
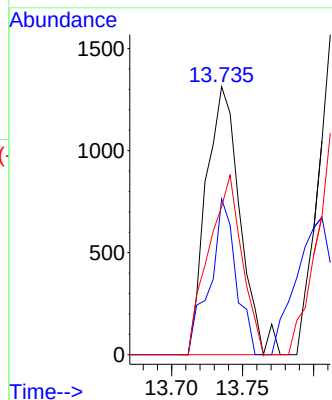


#88
1,4-Dichlorobenzene
Concen: 0.982 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.077 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

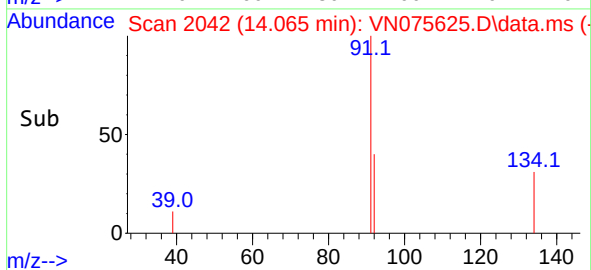
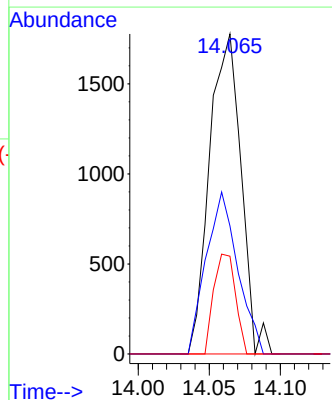
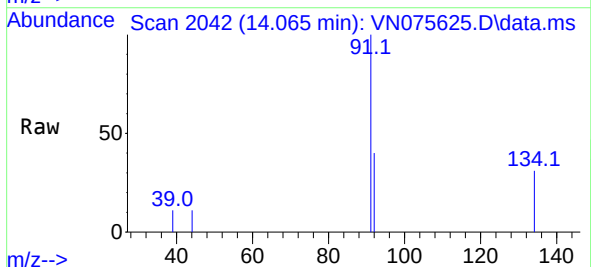


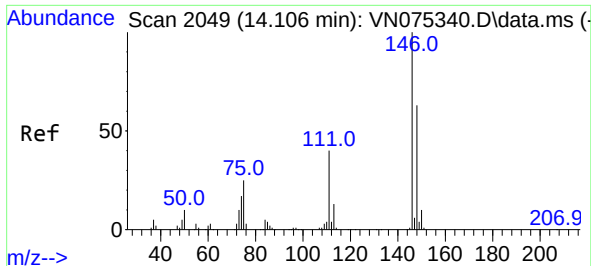
Tgt Ion:146 Resp: 2180
Ion Ratio Lower Upper
146 100
111 44.6 20.1 60.3
148 65.4 31.9 95.7



#89
n-Butylbenzene
Concen: 0.804 ug/l
RT: 14.065 min Scan# 2042
Delta R.T. 0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

Tgt Ion: 91 Resp: 2742
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.4
134 21.6 13.0 39.0





#91

1,2-Dichlorobenzene

Concen: 1.093 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075625.D

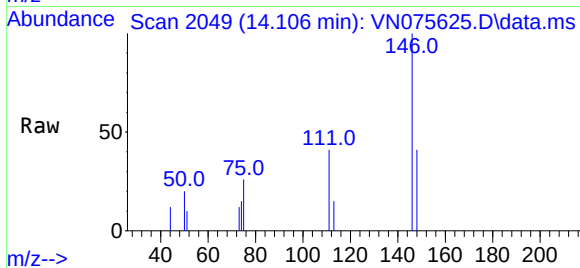
Acq: 07 Dec 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

VN1207MBL02



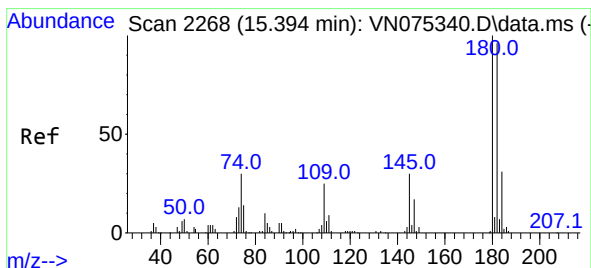
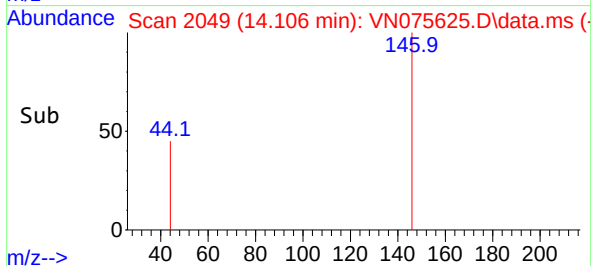
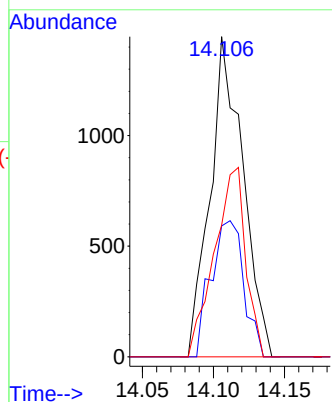
Tgt Ion:146 Resp: 2328

Ion	Ratio	Lower	Upper
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146	100		
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111	42.5	21.3	63.9
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148	56.2	31.4	94.2
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#93

1,2,4-Trichlorobenzene

Concen: 2.073 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075625.D

Acq: 07 Dec 2022 22:44

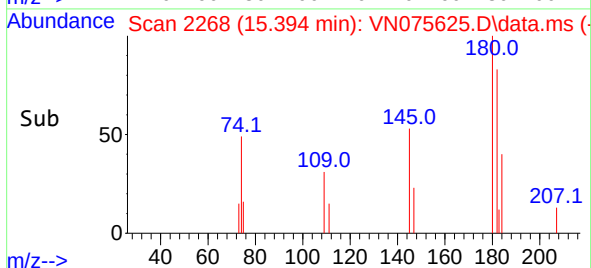
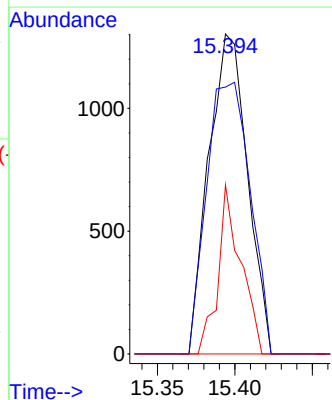
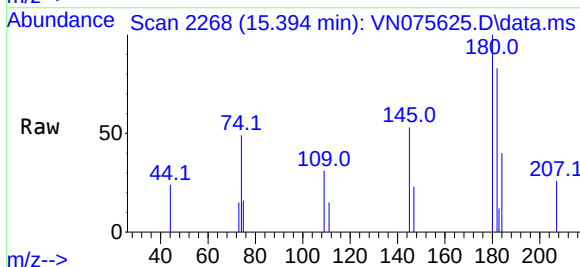
Tgt Ion:180 Resp: 2263

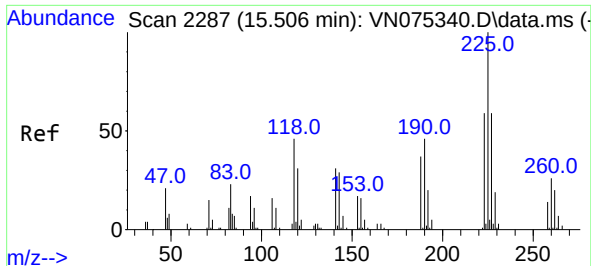
Ion	Ratio	Lower	Upper
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180	100		
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182	95.8	47.8	143.4
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145	31.0	16.8	50.3
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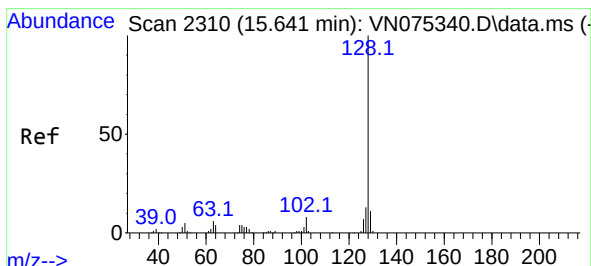
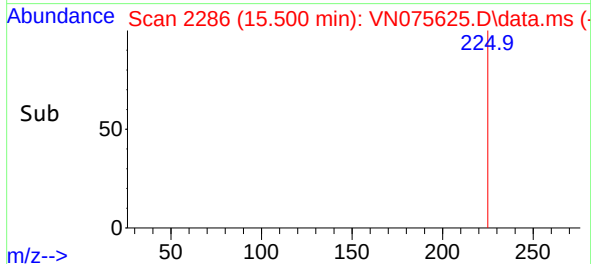
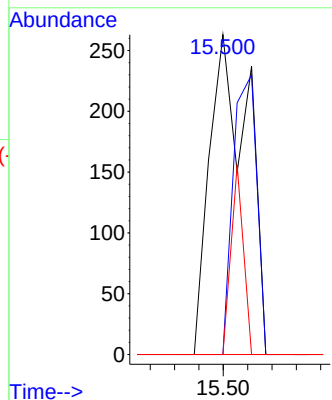
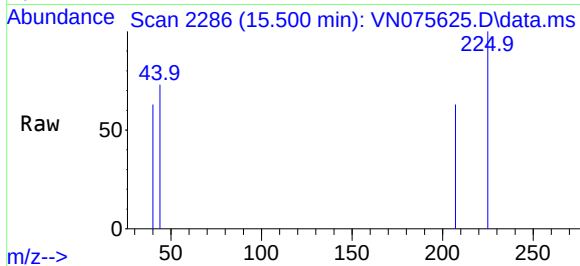




#94
Hexachlorobutadiene
Concen: 0.503 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

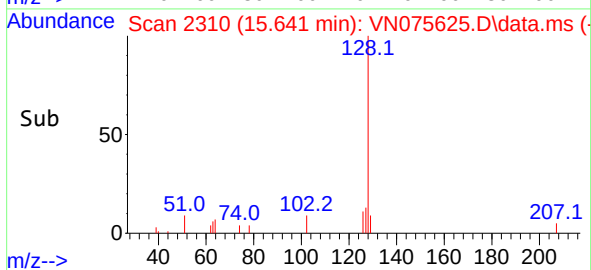
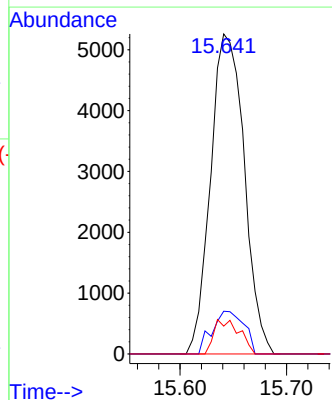
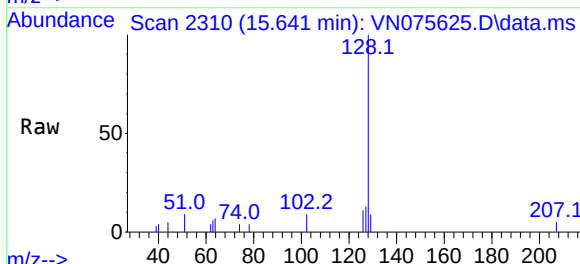
Instrument :
MSVOA_N
ClientSampleId :
VN1207MBL02

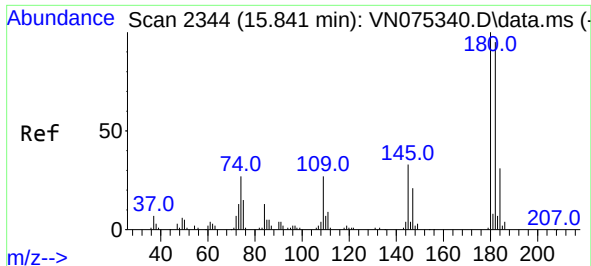
Tgt Ion:225	Resp:	286
Ion Ratio	Lower	Upper
225	100	
223	53.8	32.3 96.9
227	19.2	32.0 96.2#



#95
Naphthalene
Concen: 3.363 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075625.D
Acq: 07 Dec 2022 22:44

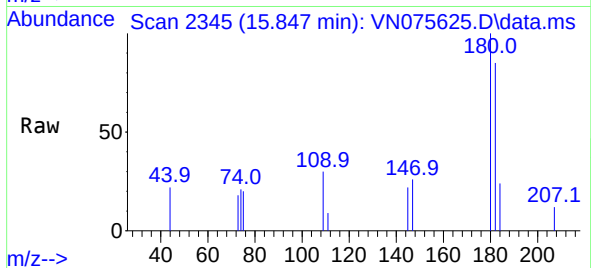
Tgt Ion:128	Resp:	11547
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.4 15.6
129	8.1	8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.919 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075625.D
 Acq: 07 Dec 2022 22:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207MBL02



Tgt Ion:	180	Resp:	3131
Ion	Ratio	Lower	Upper
180	100		
182	88.2	47.3	141.8
145	23.4	17.6	52.9

