

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078345.D
 Acq On : 22 Jun 2023 13:06
 Operator : JC\MD
 Sample : VN0622WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

Quant Time: Jun 22 17:01:15 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

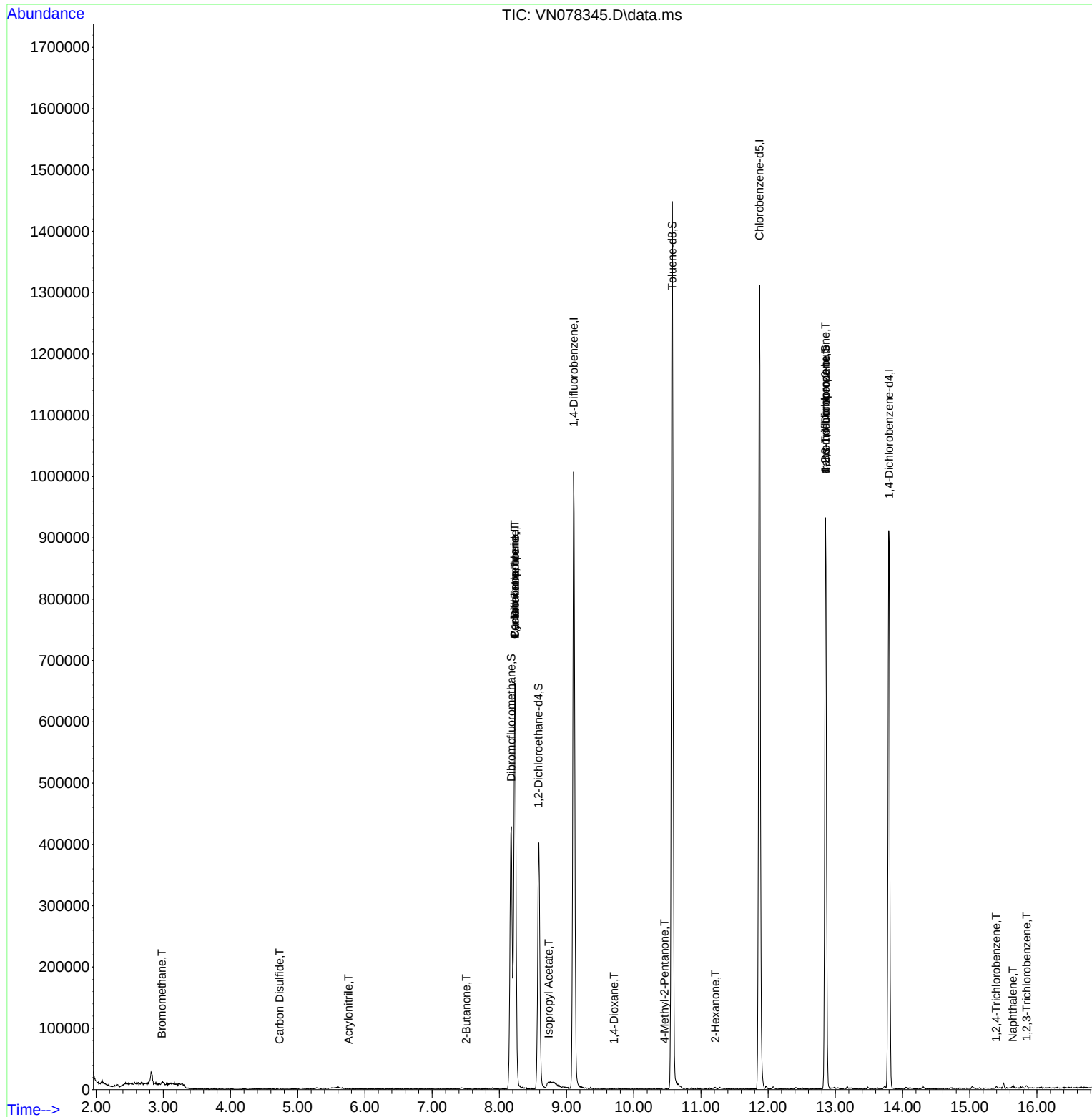
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	478484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	893155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	804108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	256961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	331112	51.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.800%	
35) Dibromofluoromethane	8.177	113	310667	55.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.020%	
50) Toluene-d8	10.571	98	1029892	47.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.620%	
62) 4-Bromofluorobenzene	12.853	95	339024	50.092	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.180%	
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1354	Below Cal	#	67
5) Bromomethane	2.977	94	2675	0.500	ug/l #	63
15) Acrylonitrile	5.753	53	897	0.395	ug/l #	23
17) Carbon Disulfide	4.730	76	2992	0.222	ug/l #	75
25) 2-Butanone	7.506	43	806	0.285	ug/l #	37
31) Cyclohexane	8.230	56	11311	1.382	ug/l #	27
36) 1,1-Dichloropropene	8.230	75	41694	5.147	ug/l #	49
38) Carbon Tetrachloride	8.230	117	51376	6.007	ug/l #	16
43) Isopropyl Acetate	8.736	43	8417	0.696	ug/l #	49
49) 1,4-Dioxane	9.706	88	61	0.571	ug/l #	1
51) 4-Methyl-2-Pentanone	10.459	43	1844	0.289	ug/l #	59
59) 2-Hexanone	11.212	43	1834	0.413	ug/l	66
75) 1,1,2,2-Tetrachloroethane	12.935	83	634	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	181574	29.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	181574	91.833	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	928	0.279	ug/l #	59
94) Hexachlorobutadiene	15.494	225	1411	Below Cal		96
95) Naphthalene	15.641	128	4526	0.405	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	1760	0.474	ug/l	94

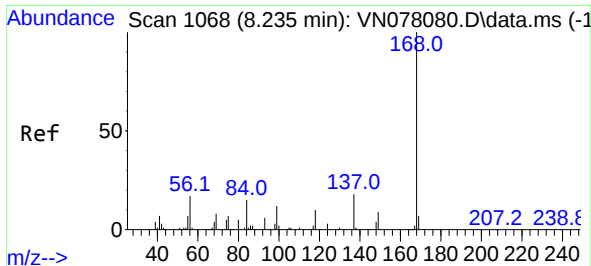
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
Data File : VN078345.D
Acq On : 22 Jun 2023 13:06
Operator : JC\MD
Sample : VN0622WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

Quant Time: Jun 22 17:01:15 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

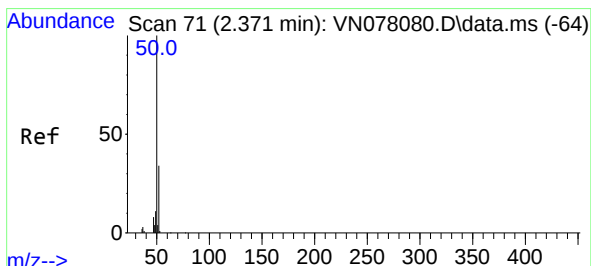
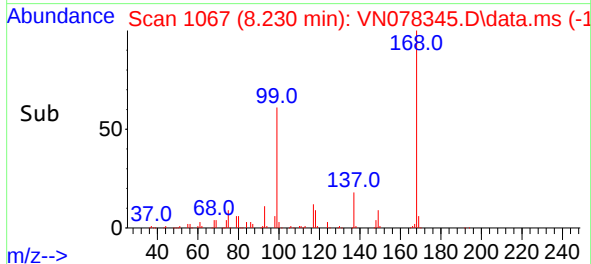
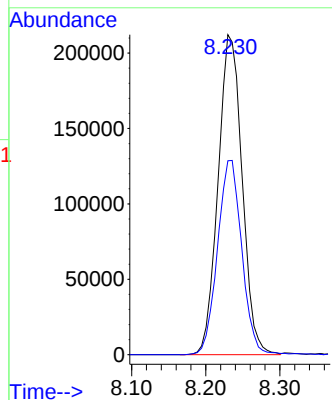
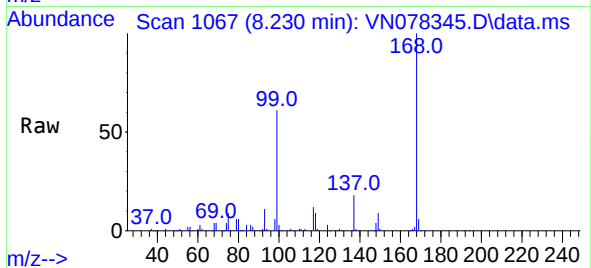




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

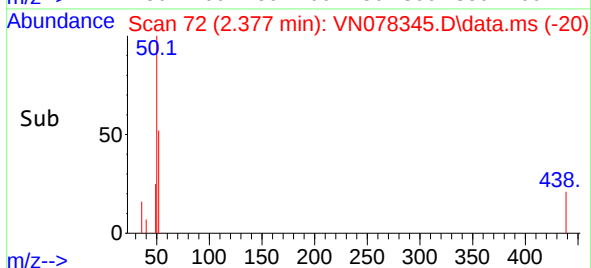
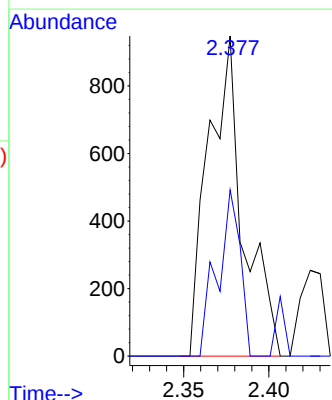
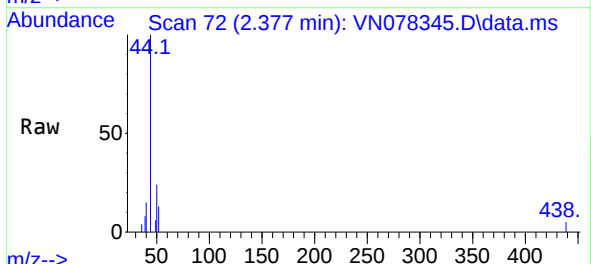
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

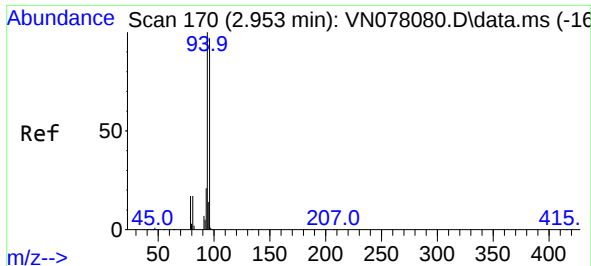
Tgt Ion:168 Resp: 478484
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 50 Resp: 1354
Ion Ratio Lower Upper
50 100
52 51.9 26.5 39.7#

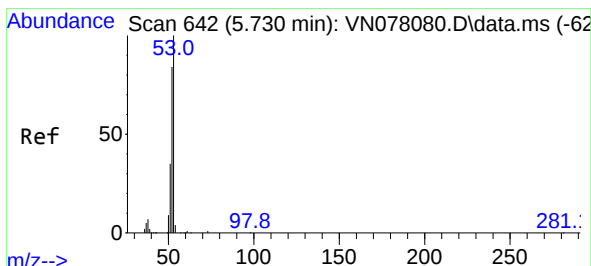
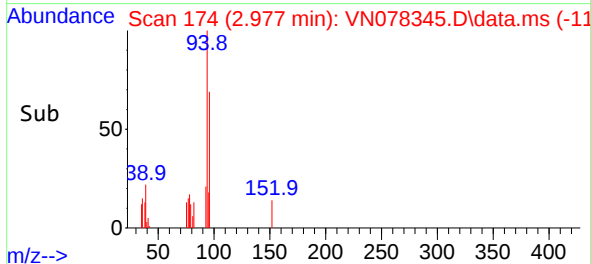
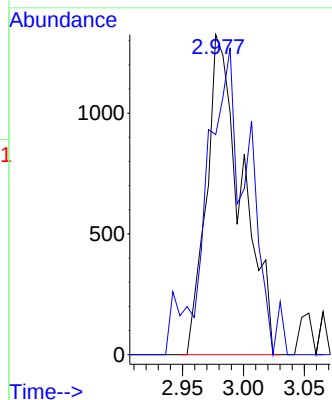
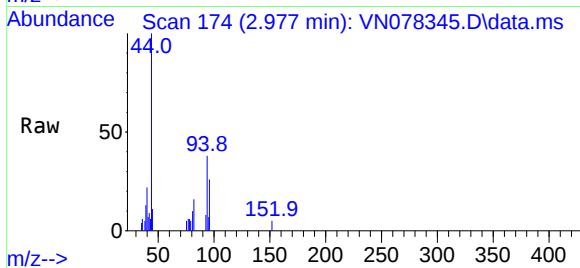




#5
Bromomethane
Concen: 0.500 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

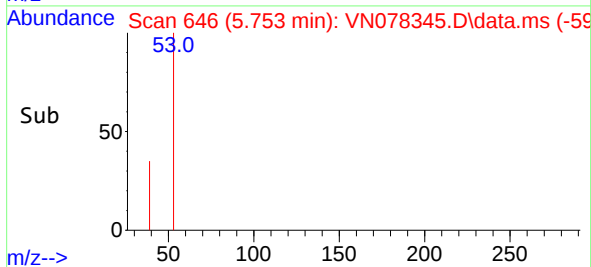
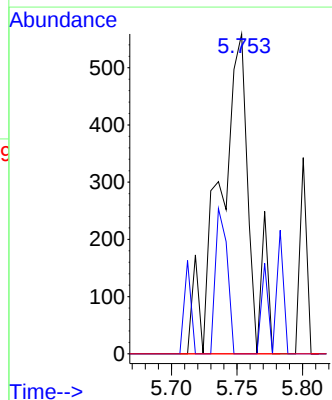
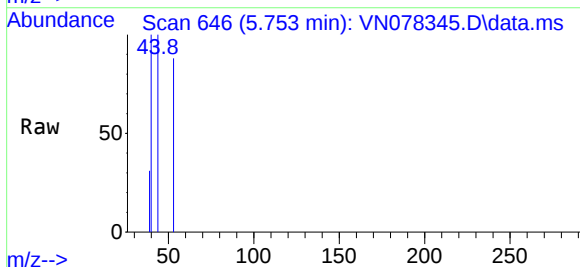
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

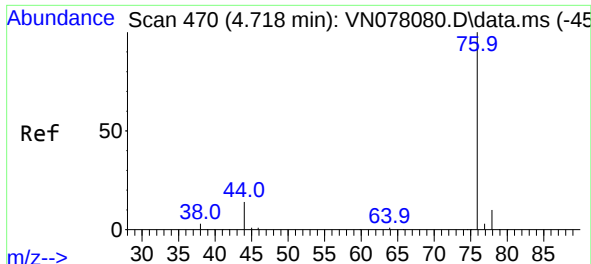
Tgt Ion: 94 Resp: 2675
Ion Ratio Lower Upper
94 100
96 56.6 73.1 109.7#



#15
Acrylonitrile
Concen: 0.395 ug/l
RT: 5.753 min Scan# 646
Delta R.T. 0.024 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 53 Resp: 897
Ion Ratio Lower Upper
53 100
52 6.2 65.3 97.9#
51 0.0 28.9 43.3#

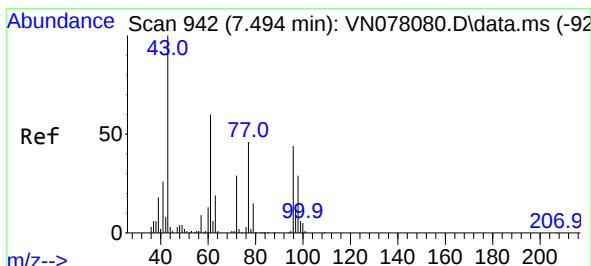
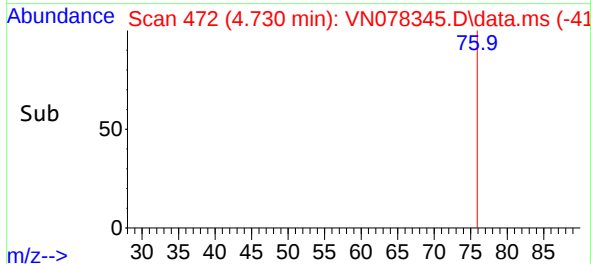
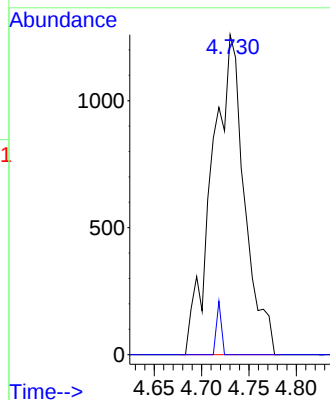
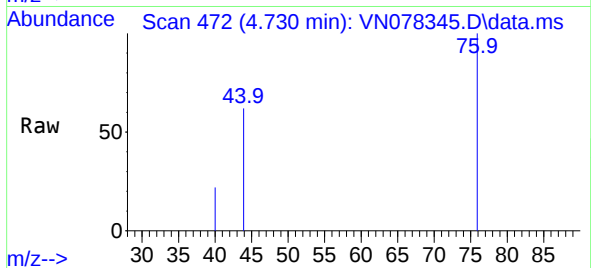




#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

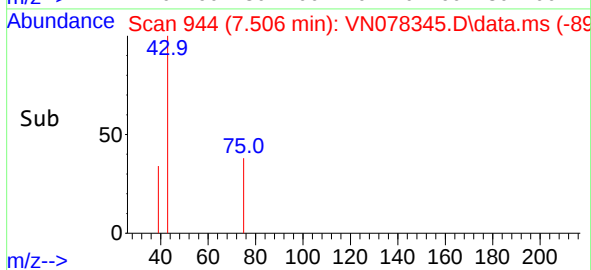
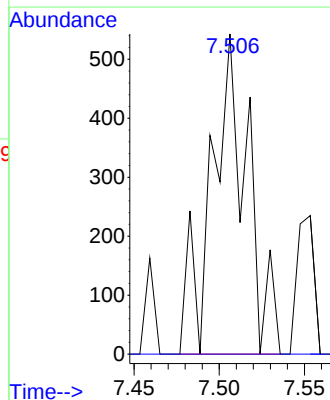
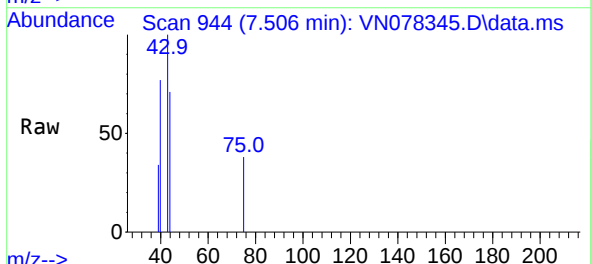
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

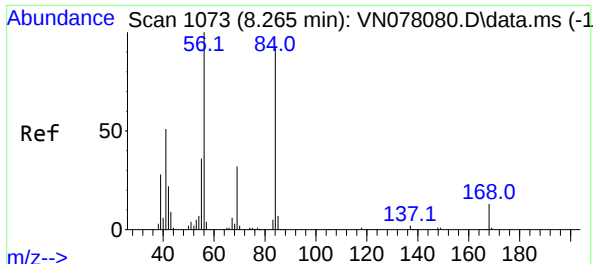
Tgt Ion: 76 Resp: 2992
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#25
2-Butanone
Concen: 0.285 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#

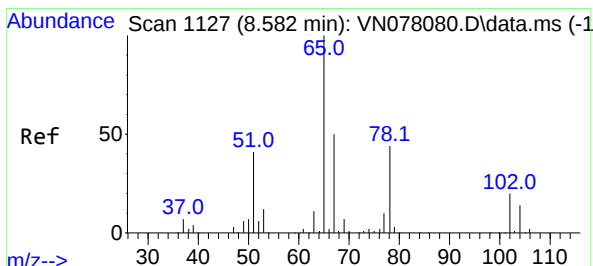
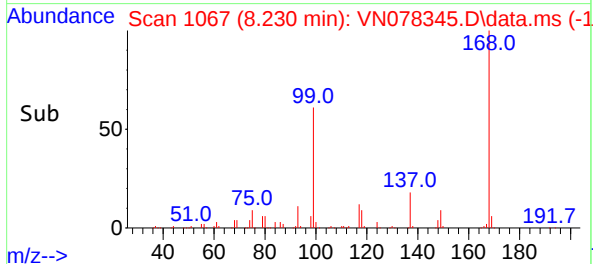
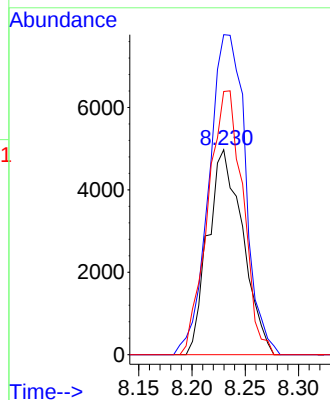
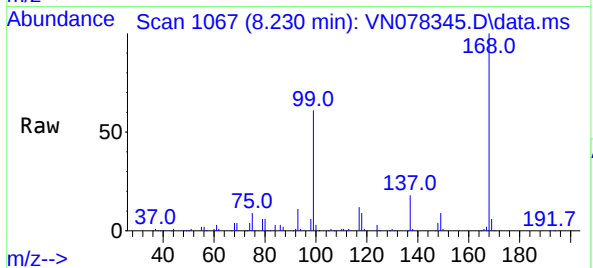




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

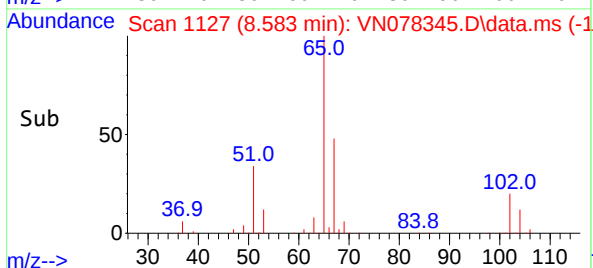
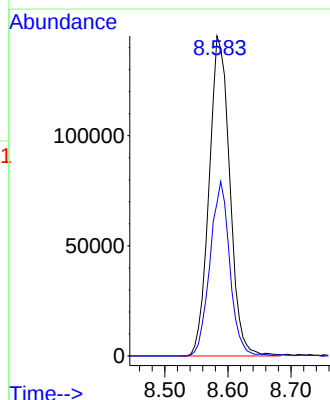
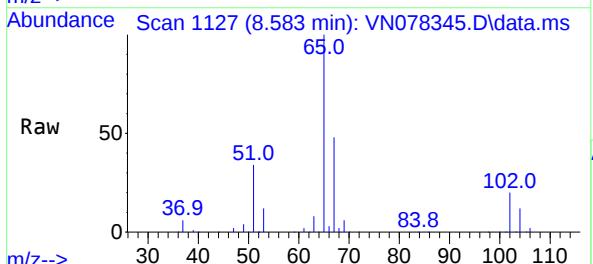
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

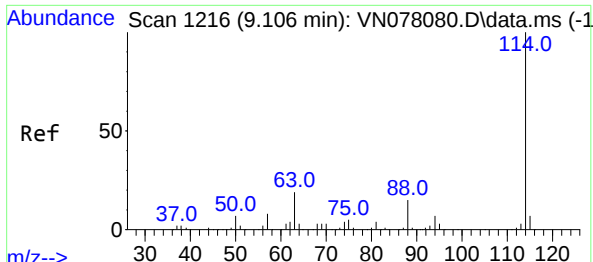
Tgt Ion: 56 Resp: 11311
Ion Ratio Lower Upper
56 100
69 156.1 26.8 40.2#
84 128.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 51.901 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 65 Resp: 331112
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

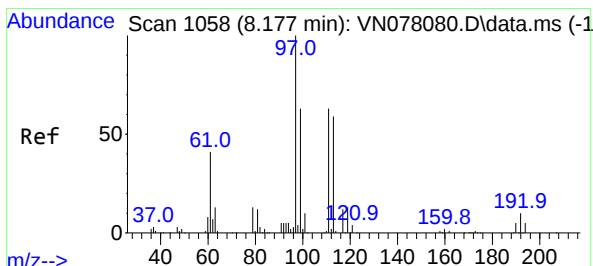
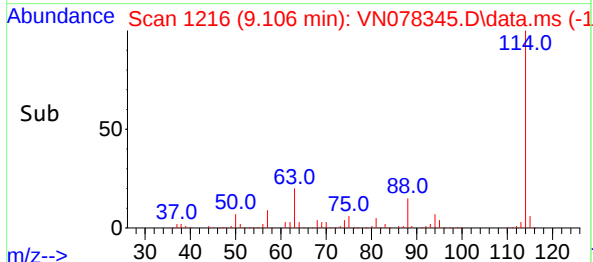
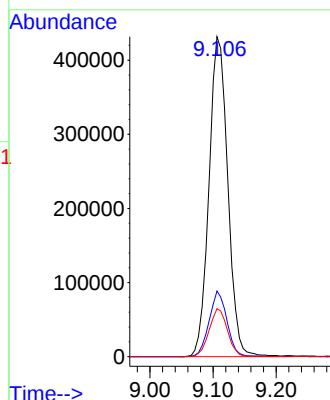
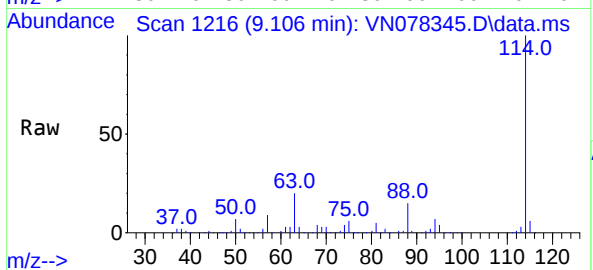




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

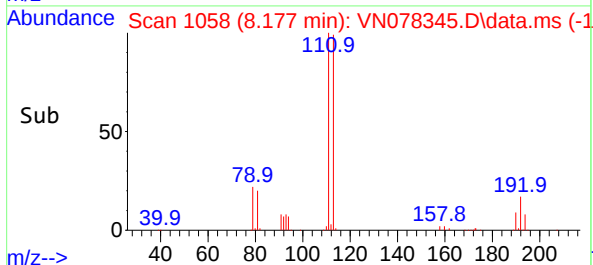
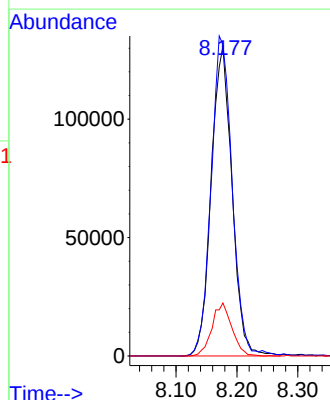
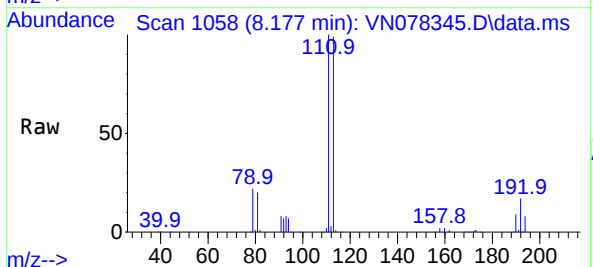
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

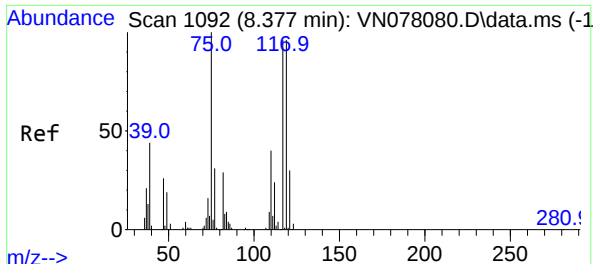
Tgt Ion:114 Resp: 893155
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.012 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion:113 Resp: 310667
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 16.3 12.7 19.1

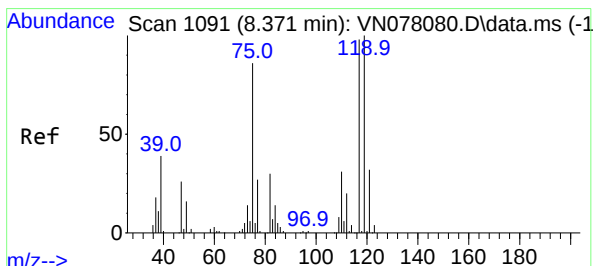
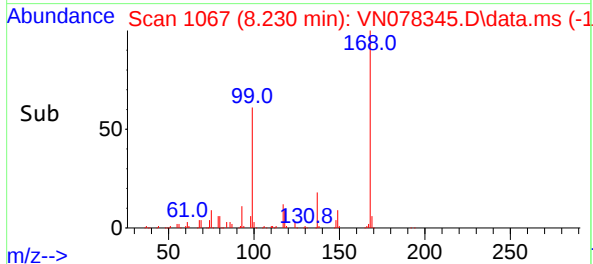
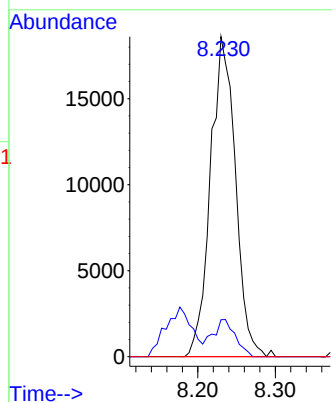
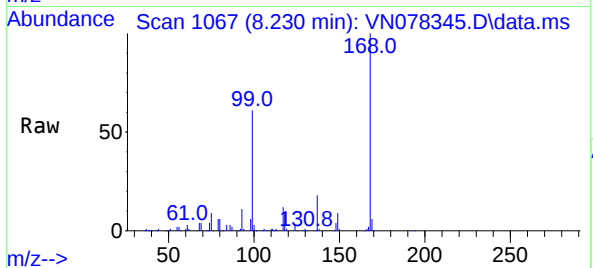




#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

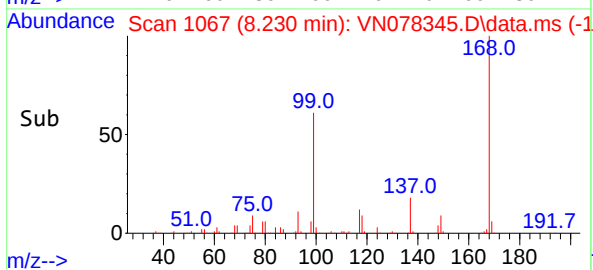
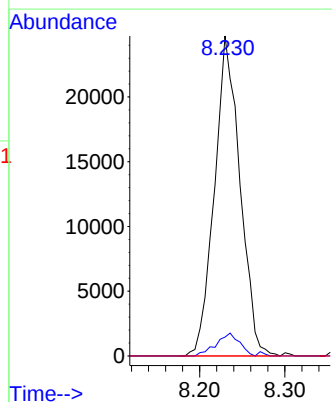
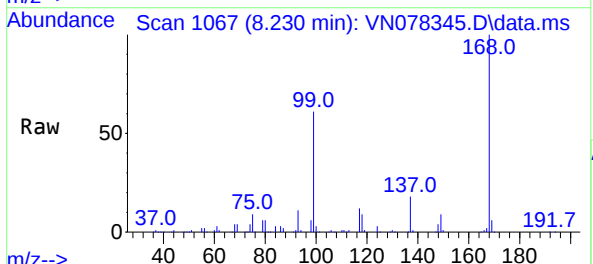
Instrument : MSVOA_N
ClientSampleId : VN0622WBL01

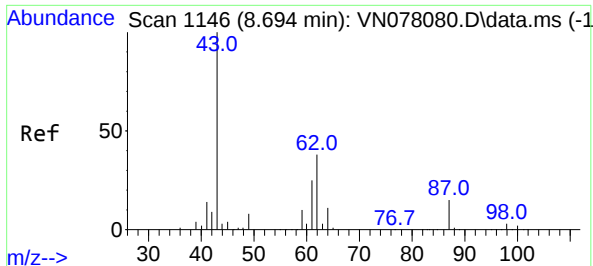
Tgt Ion: 75 Resp: 41694
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 117 Resp: 51376
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 23.3 34.9#

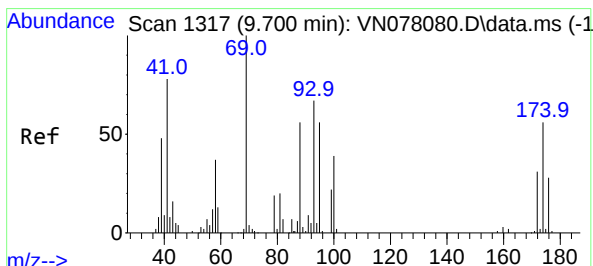
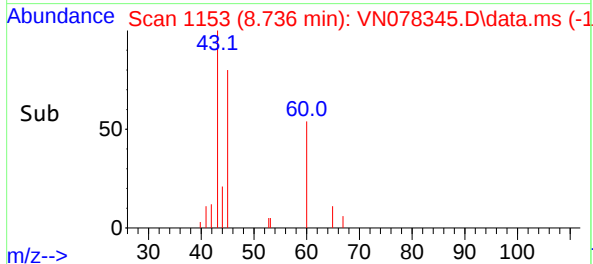
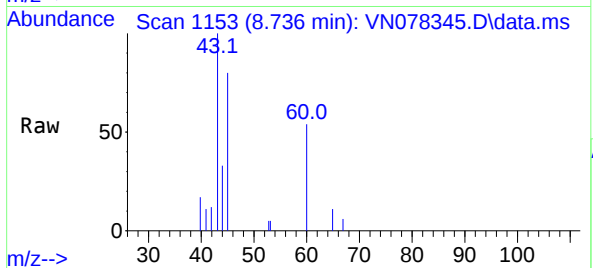




#43
Isopropyl Acetate
Concen: 0.696 ug/l
RT: 8.736 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

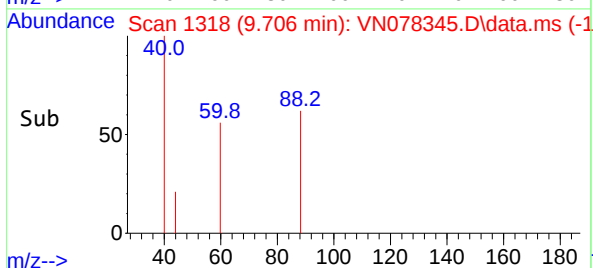
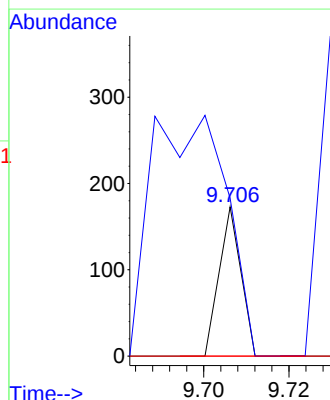
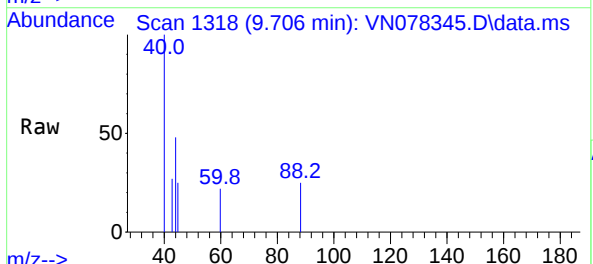
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

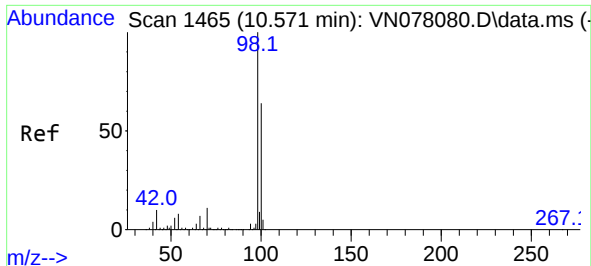
Tgt Ion: 43 Resp: 8417
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 0.571 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 560.7 17.0 25.6#
58 0.0 47.0 70.4#

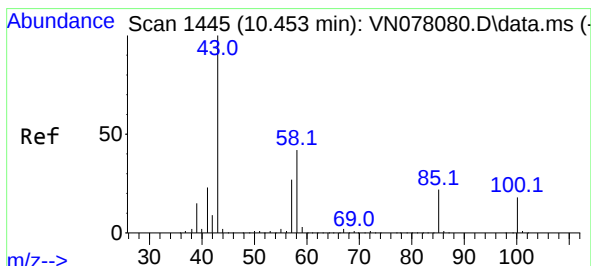
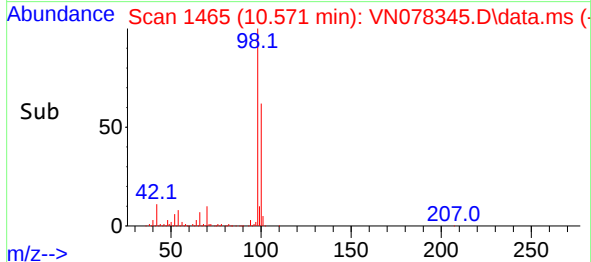
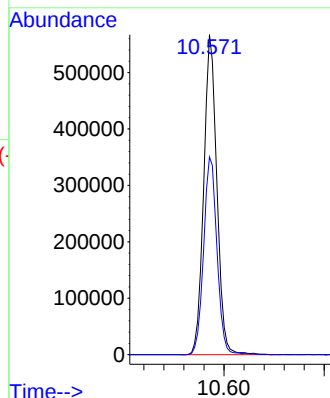
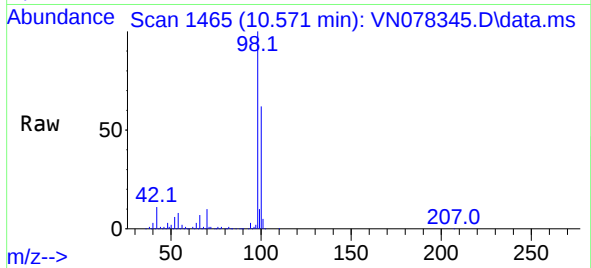




#50
Toluene-d8
Concen: 47.306 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

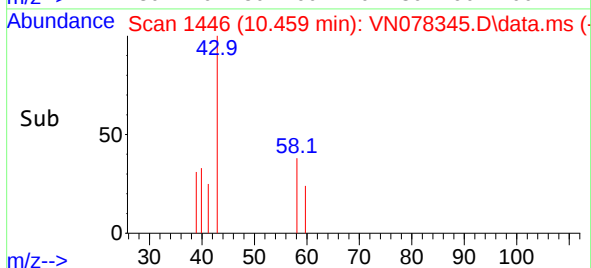
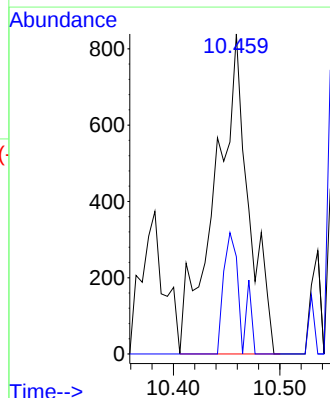
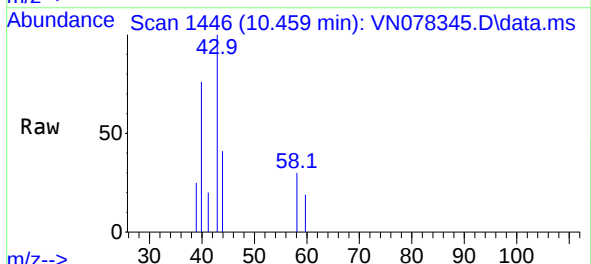
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

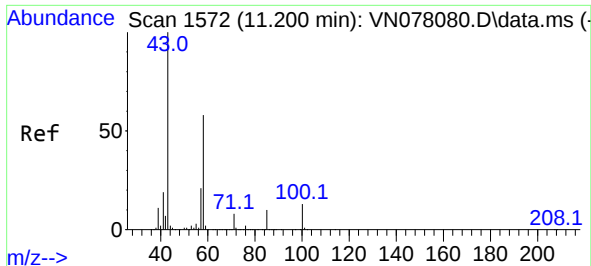
Tgt Ion: 98 Resp: 1029892
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.289 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 18.8 36.6 54.8#

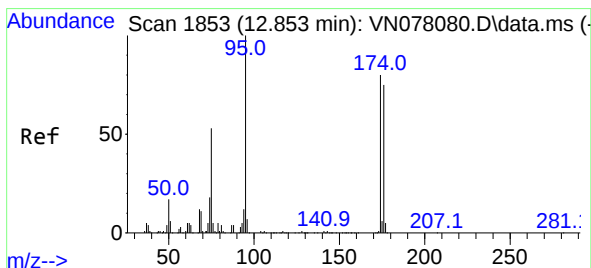
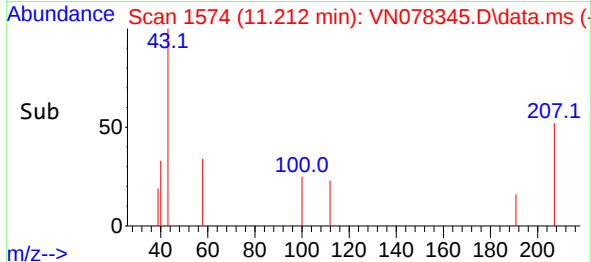
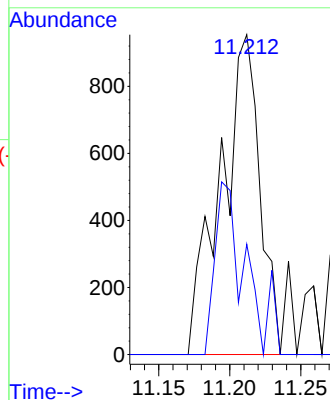
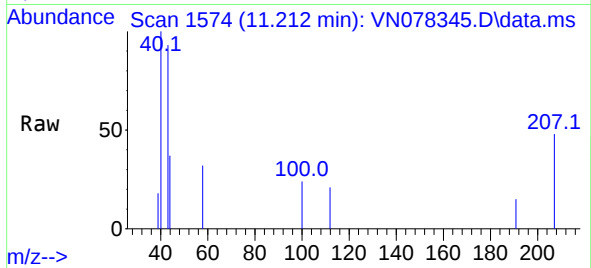




#59
2-Hexanone
Concen: 0.413 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

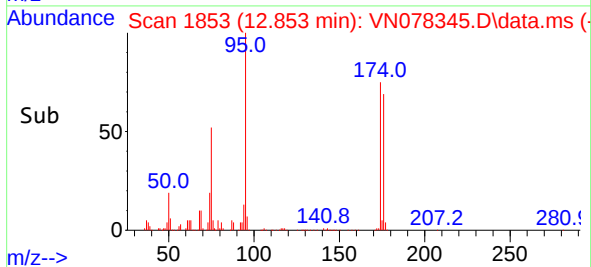
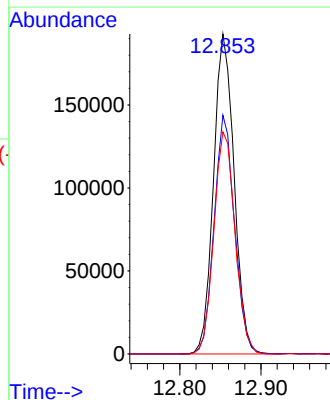
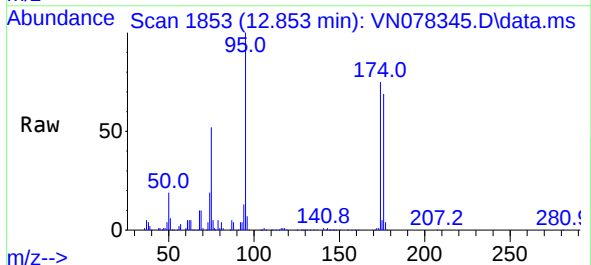
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

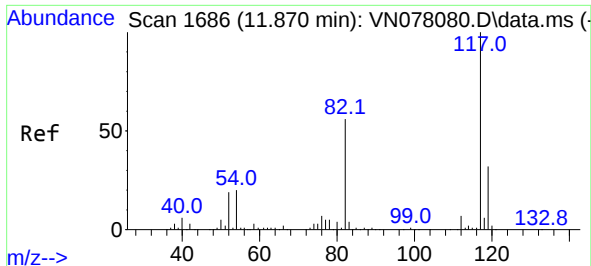
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 37.1 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 50.092 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 95 Resp: 339024
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.6 0.0 135.8

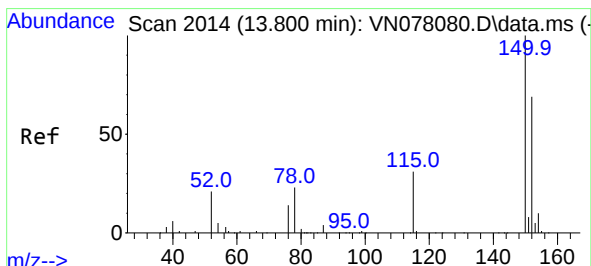
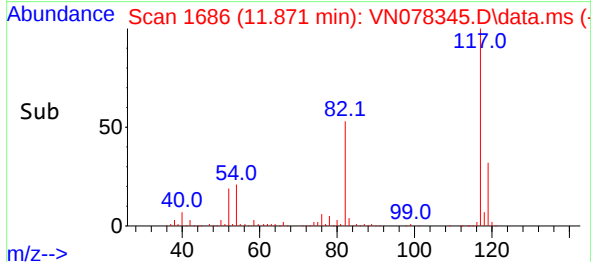
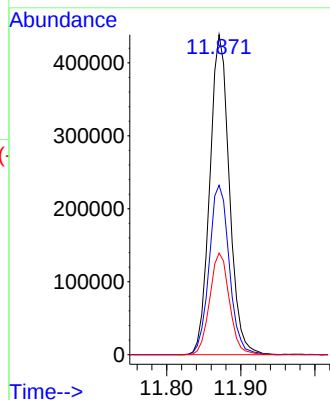
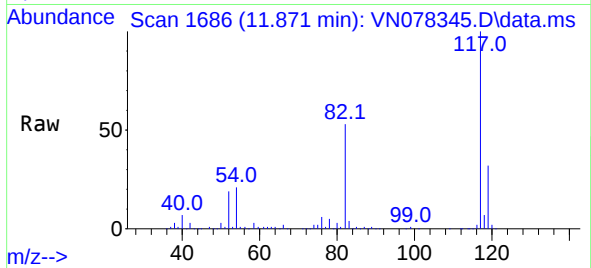




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

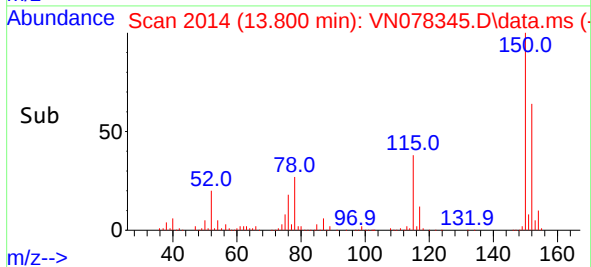
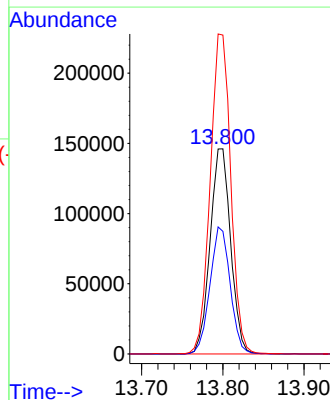
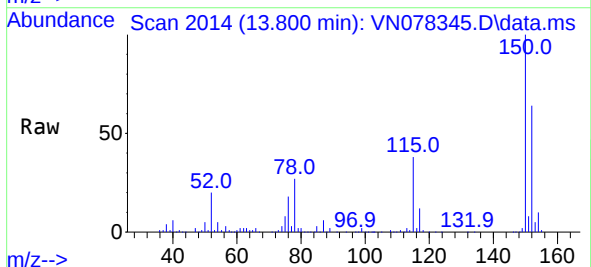
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

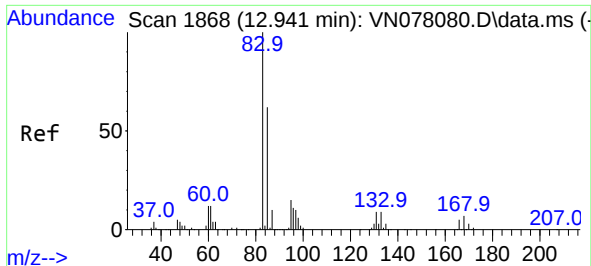
Tgt Ion:117 Resp: 804108
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion:152 Resp: 256961
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 156.0 0.0 355.8

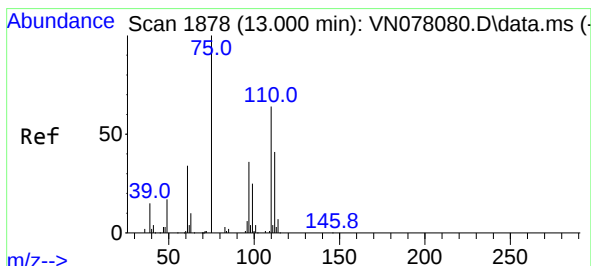
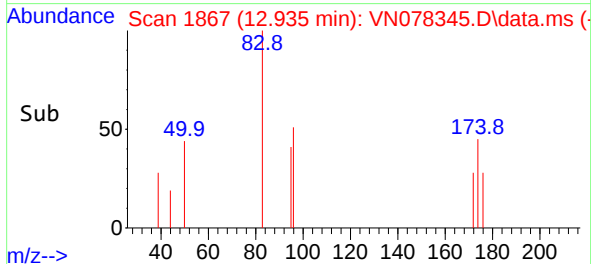
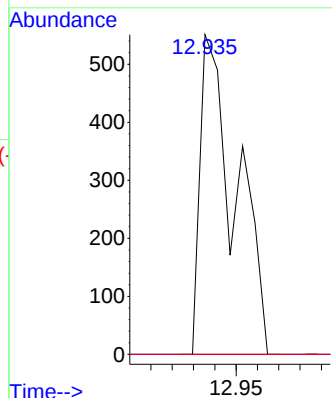
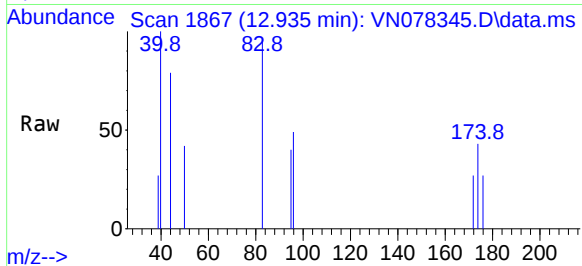




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

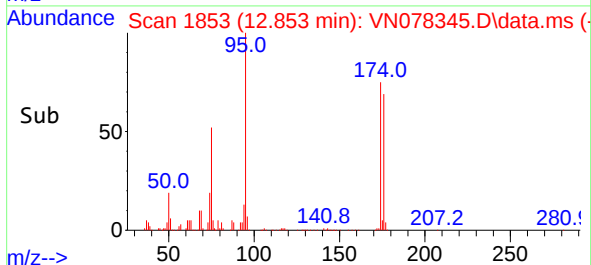
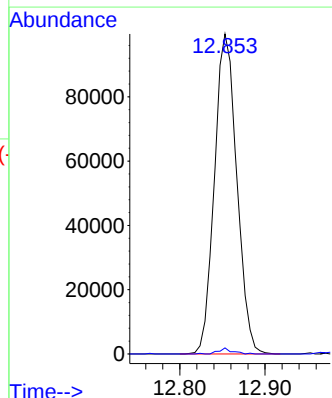
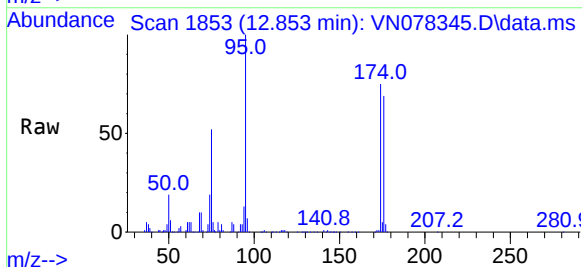
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

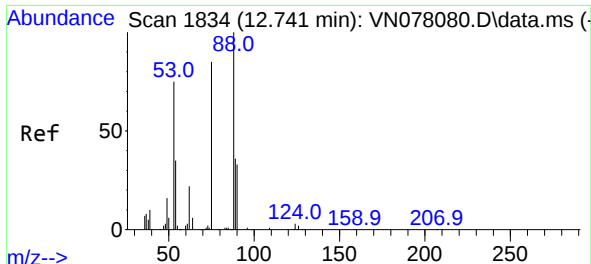
Tgt Ion: 83 Resp: 634
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 29.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion: 75 Resp: 181574
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#

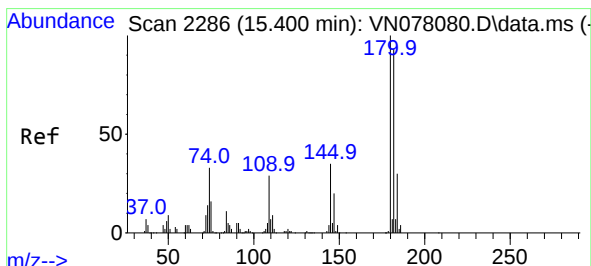
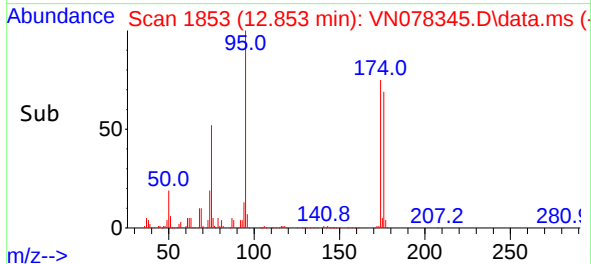
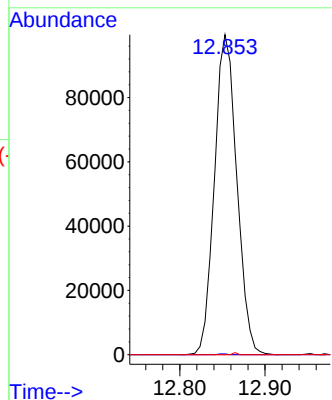
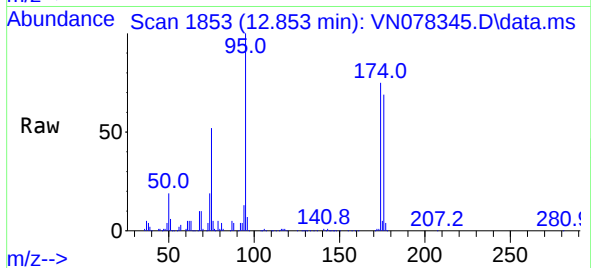




#81
trans-1,4-Dichloro-2-butene
Concen: 91.833 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

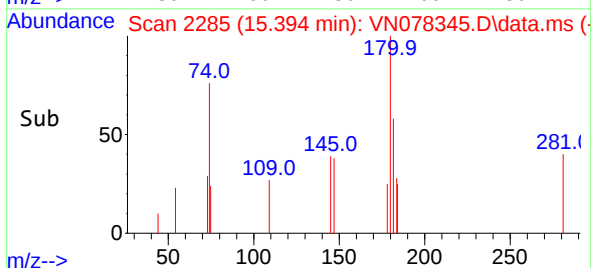
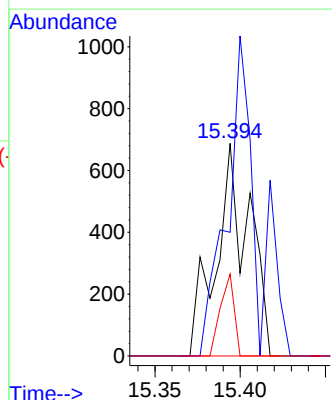
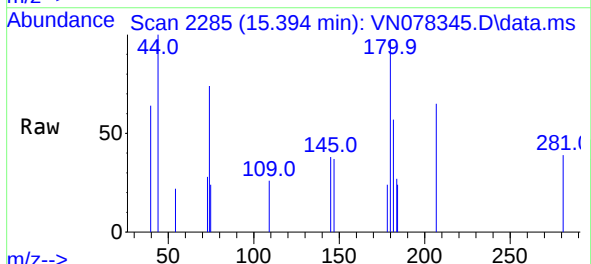
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

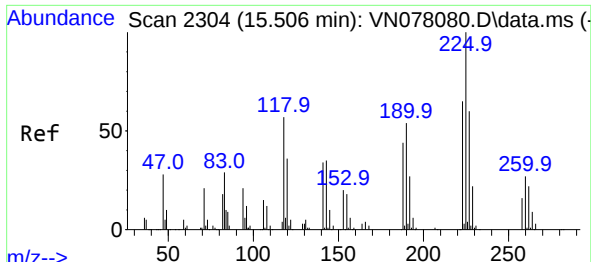
Tgt Ion: 75 Resp: 181574
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.1 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.279 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion:180 Resp: 928
Ion Ratio Lower Upper
180 100
182 134.4 46.1 138.2
145 15.9 16.6 49.8#

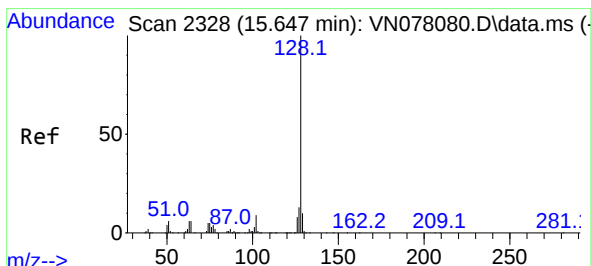
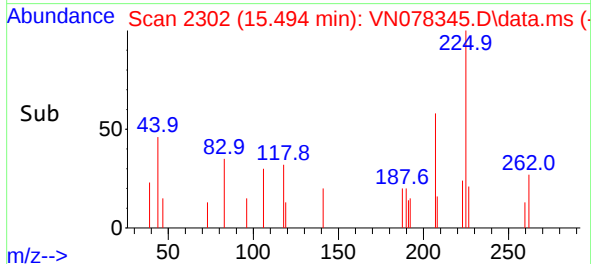
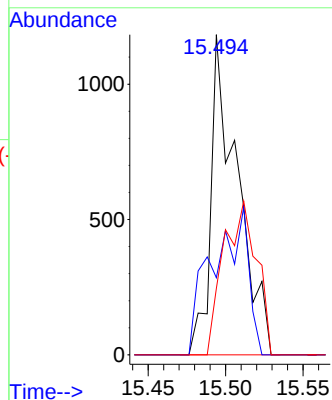
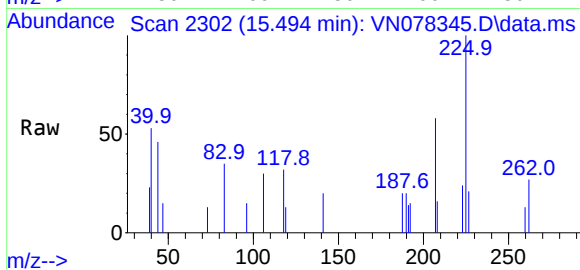




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.494 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

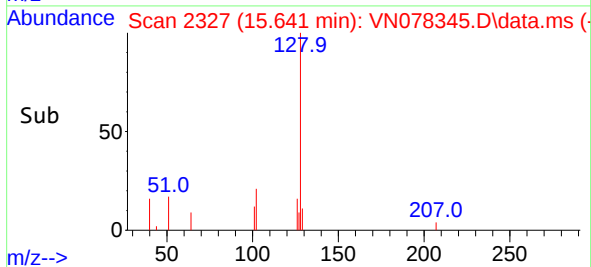
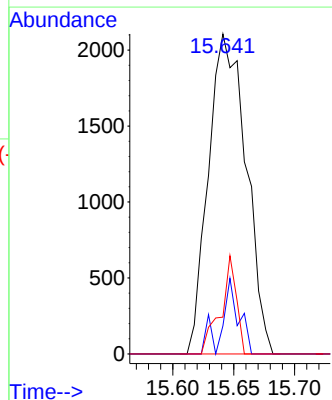
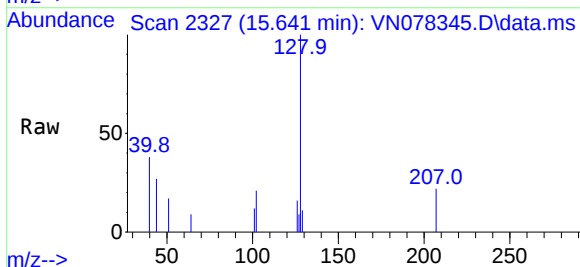
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

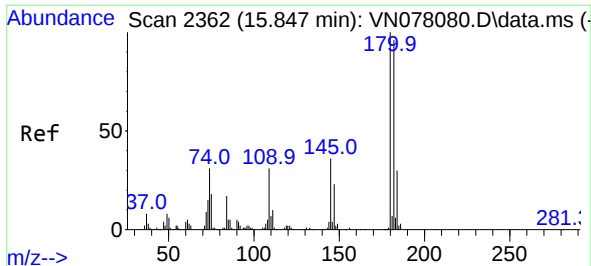
Tgt Ion:	225	Resp:	1411
Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.3	93.8
227	59.4	31.9	95.9



#95
Naphthalene
Concen: 0.405 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN078345.D
Acq: 22 Jun 2023 13:06

Tgt Ion:	128	Resp:	4526
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.0	15.0
129	12.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.474 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078345.D
 Acq: 22 Jun 2023 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

Tgt Ion:	180	Resp:	1760
Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.2	138.6
145	23.4	17.5	52.6

