

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067280.D
 Acq On : 11 Jun 2021 10:43
 Operator : JC/MD
 Sample : VN0611MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611MBL01

Quant Time: Jun 12 04:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

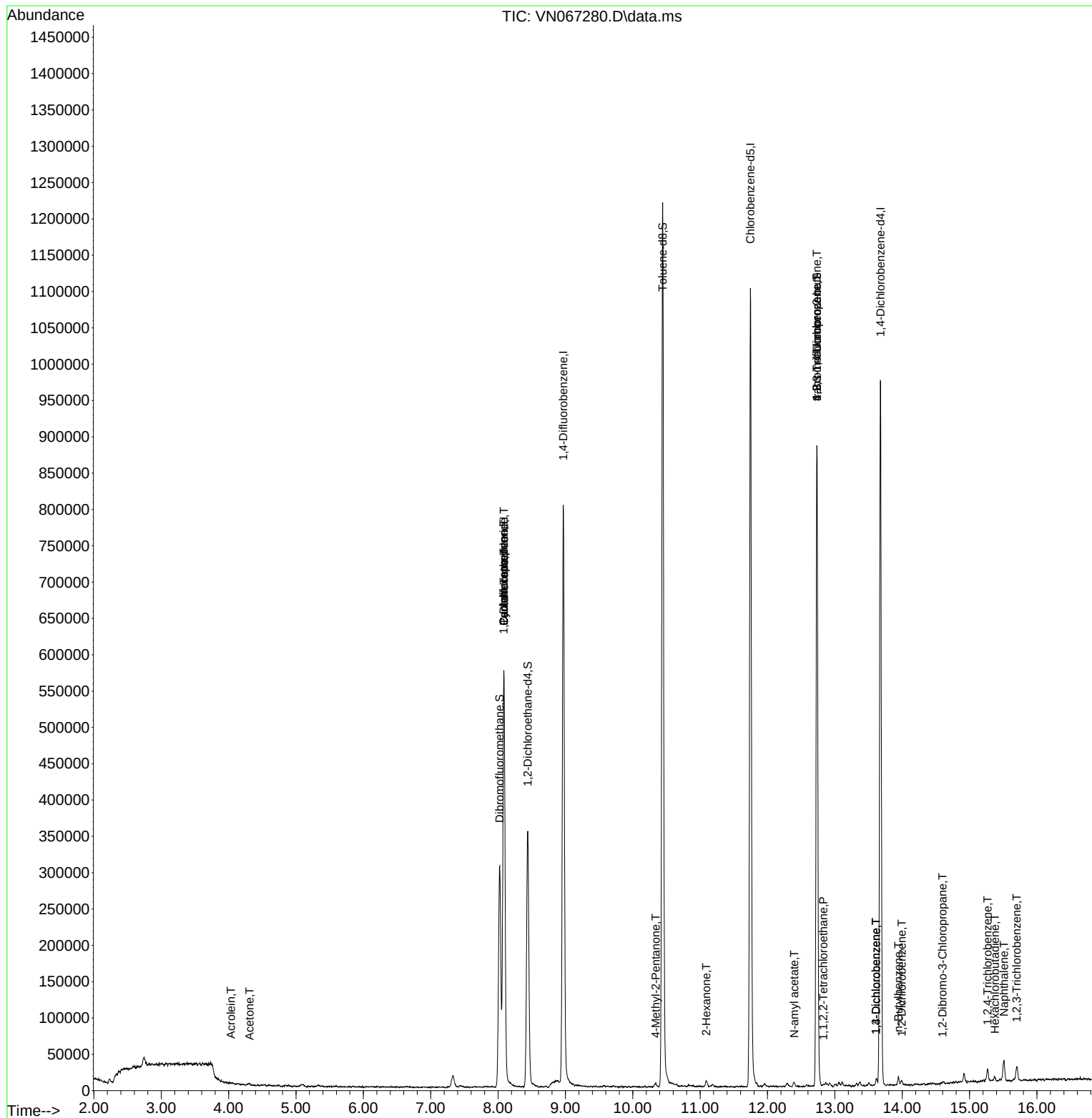
Internal Standards						
1) Pentafluorobenzene	8.086	168	387482	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	647147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	591359	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	229145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	322141	43.985	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.960%		
35) Dibromofluoromethane	8.021	113	218027	52.870	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.740%		
50) Toluene-d8	10.443	98	829004	51.154	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.300%		
62) 4-Bromofluorobenzene	12.733	95	328637	48.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.460%		
Target Compounds			Qvalue			
13) Acrolein	4.033	56	128	0.256	ug/l #	1
16) Acetone	4.312	43	2459	0.832	ug/l #	82
31) Cyclohexane	8.086	56	12839	1.425	ug/l #	47
36) 1,1-Dichloropropene	8.083	75	38517	5.619	ug/l #	50
38) Carbon Tetrachloride	8.086	117	46176	6.461	ug/l #	16
51) 4-Methyl-2-Pentanone	10.341	43	3096	0.366	ug/l #	74
59) 2-Hexanone	11.089	43	7391	1.209	ug/l	87
74) N-amyl acetate	12.396	43	4578	0.431	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.827	83	1289	0.201	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	191714	31.494	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	191714	80.565	ug/l #	15
87) 1,3-Dichlorobenzene	13.610	146	2004	0.256	ug/l	70
88) 1,4-Dichlorobenzene	13.610	146	2004	0.261	ug/l	70
89) n-Butylbenzene	13.943	91	5981	0.363	ug/l	87
91) 1,2-Dichlorobenzene	13.994	146	2431	0.327	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.600	75	851	0.549	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.268	180	4680	1.225	ug/l	92
94) Hexachlorobutadiene	15.378	225	1299	0.582	ug/l #	64
95) Naphthalene	15.509	128	23817	6.353	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	5894	1.664	ug/l	92

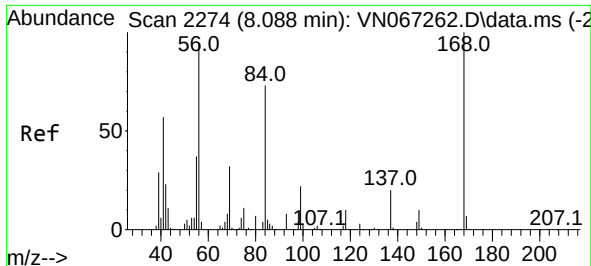
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VN0611MBL01

Quant Time: Jun 12 04:23:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 05:27:41 2021
Response via : Initial Calibration

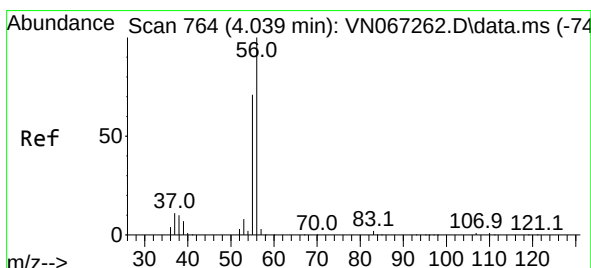
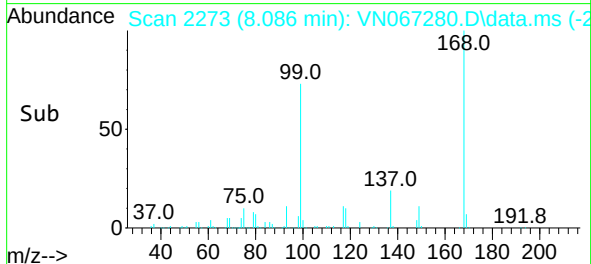
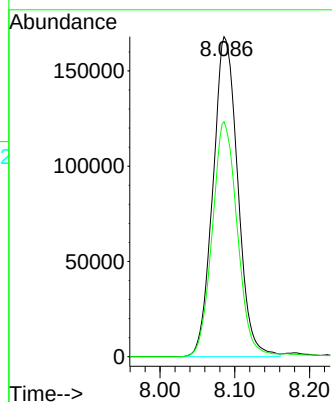
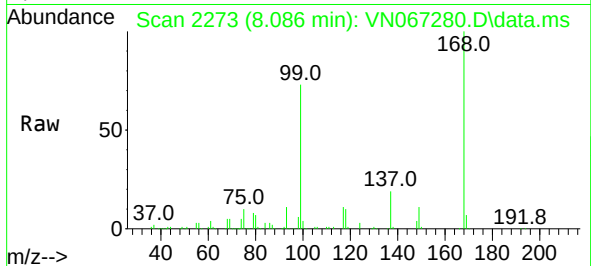




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

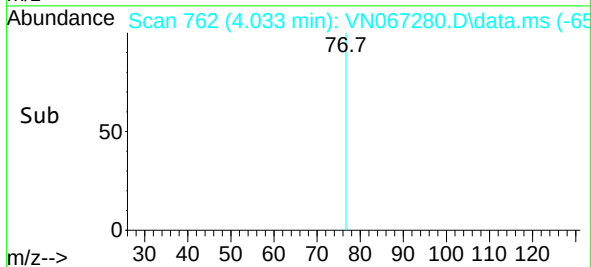
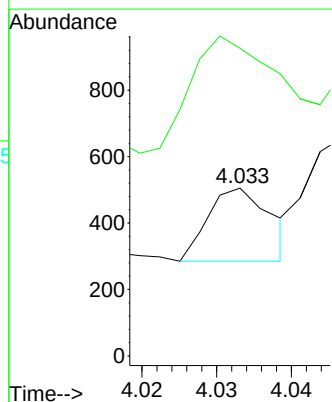
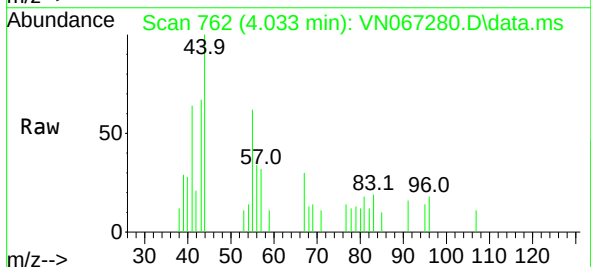
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

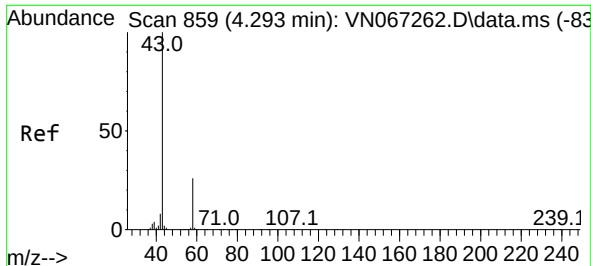
Tgt Ion:168 Resp: 387482
Ion Ratio Lower Upper
168 100
99 73.5 38.5 57.7#



#13
Acrolein
Concen: 0.256 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 242.2 53.8 80.6#

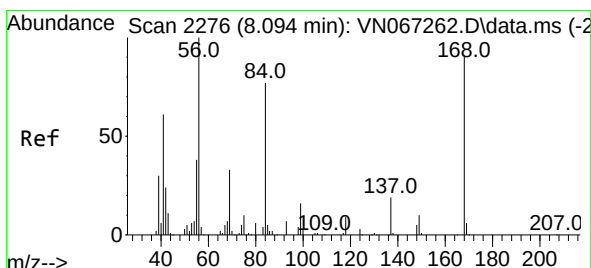
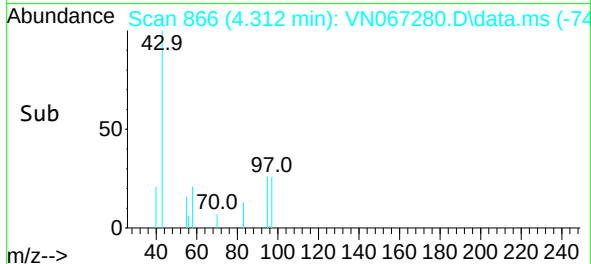
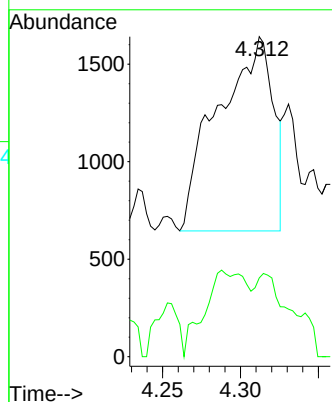
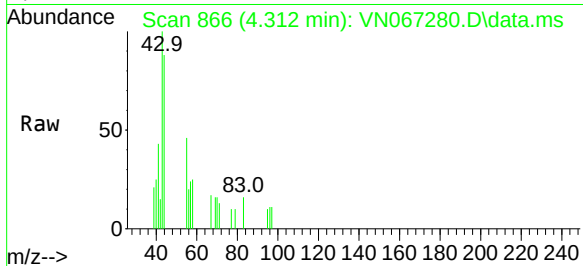




#16
Acetone
Concen: 0.832 ug/l
RT: 4.312 min Scan# 866
Delta R.T. 0.019 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

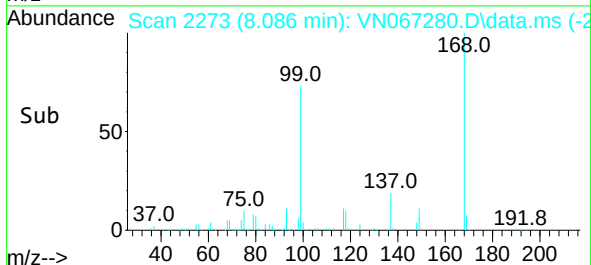
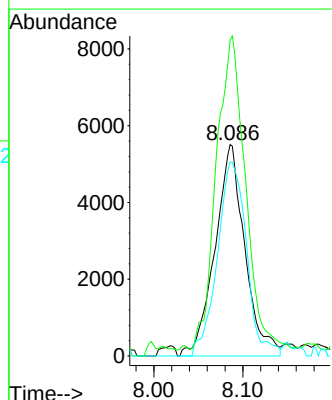
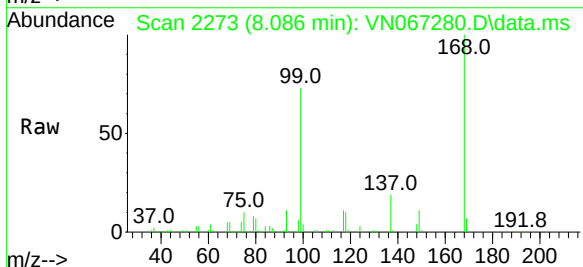
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

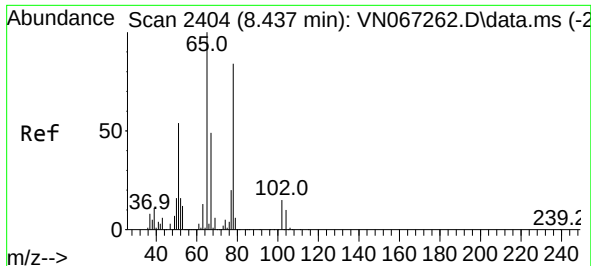
Tgt Ion: 43 Resp: 2459
Ion Ratio Lower Upper
43 100
58 23.9 27.2 40.8#



#31
Cyclohexane
Concen: 1.425 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 56 Resp: 12839
Ion Ratio Lower Upper
56 100
69 146.2 28.0 42.0#
84 91.8 74.2 111.2



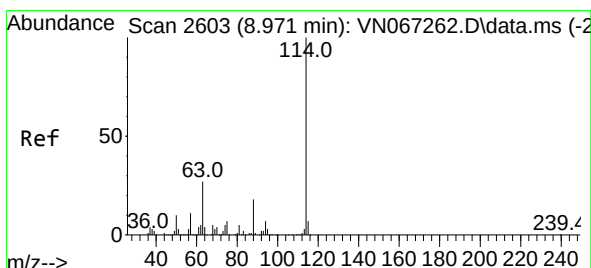
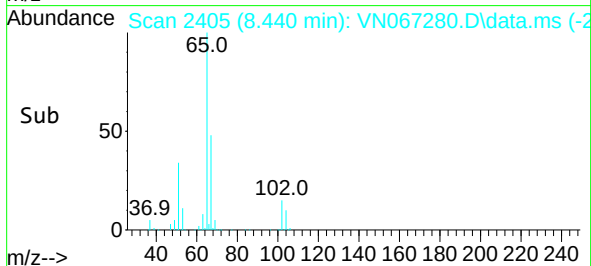
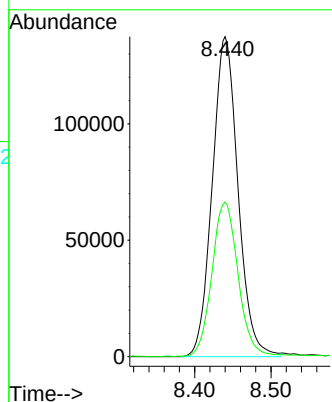
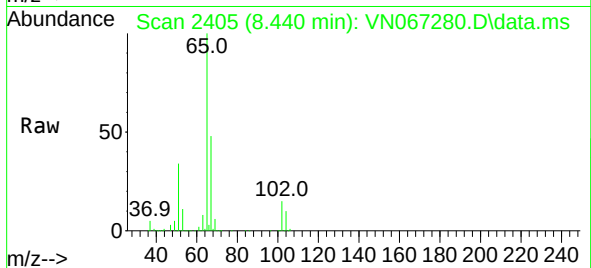


#33

1,2-Dichloroethane-d4
Concen: 43.985 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

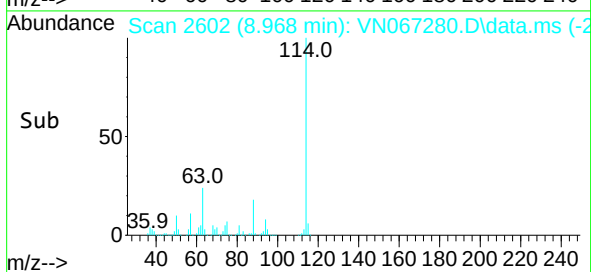
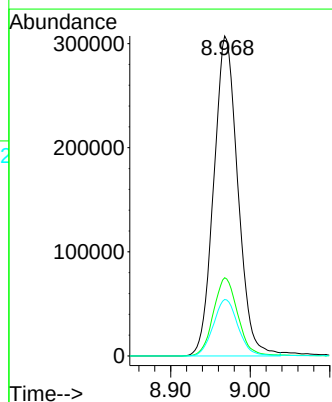
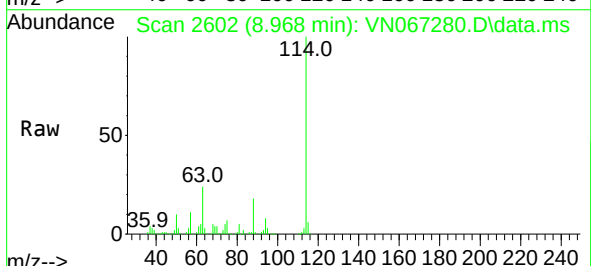
Tgt Ion: 65 Resp: 322141
Ion Ratio Lower Upper
65 100
67 49.1 0.0 110.4

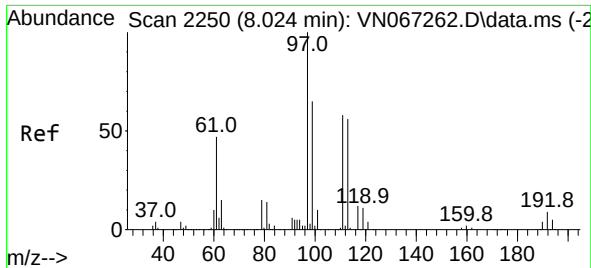


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 114 Resp: 647147
Ion Ratio Lower Upper
114 100
63 24.4 0.0 35.8
88 17.6 0.0 30.4

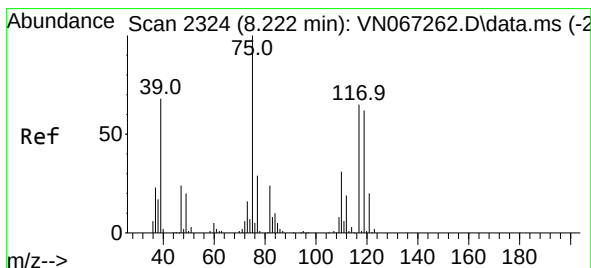
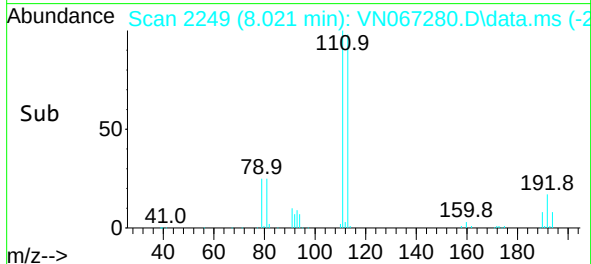
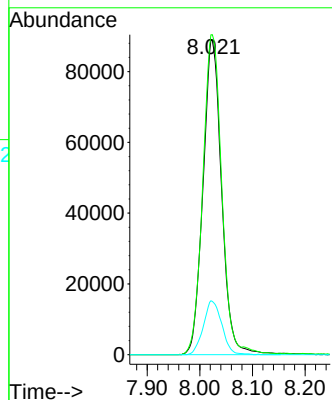
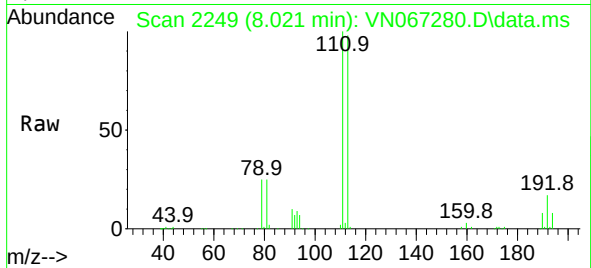




#35
Dibromofluoromethane
Concen: 52.870 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

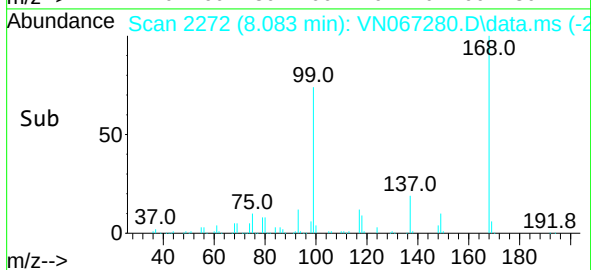
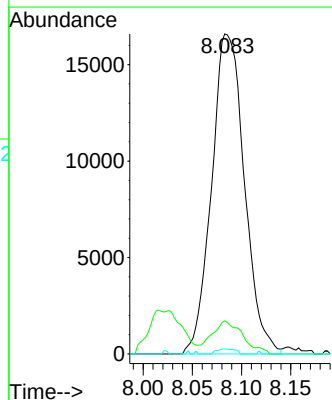
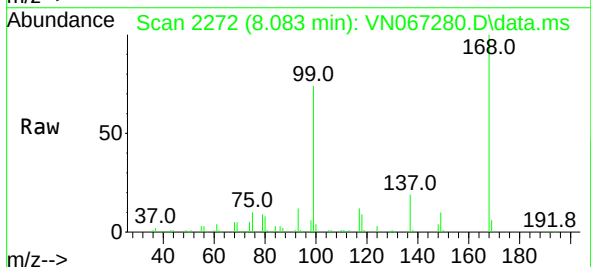
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

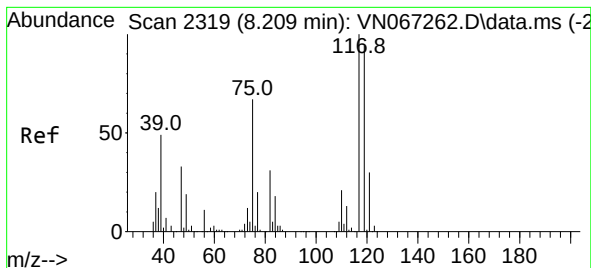
Tgt Ion:113 Resp: 218027
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.0 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 5.619 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.140 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 75 Resp: 38517
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.9 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.461 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.123 min

Lab File: VN067280.D

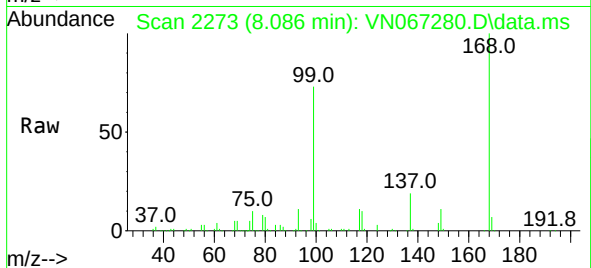
Acq: 11 Jun 2021 10:43

Instrument :

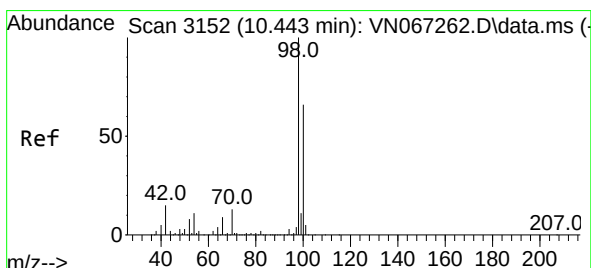
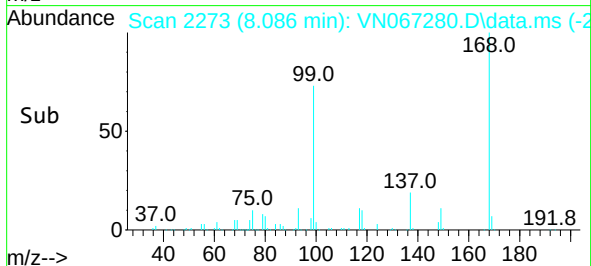
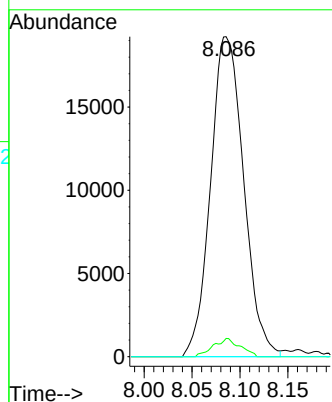
MSVOA_N

ClientSampleId :

VN0611MBL01



Tgt Ion:	117	Resp:	46176
Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.2	117.2#
121	0.0	24.7	37.1#



#50

Toluene-d8

Concen: 51.154 ug/l

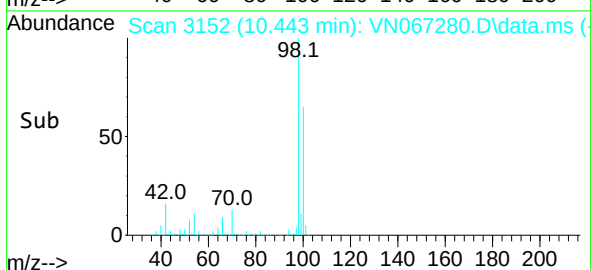
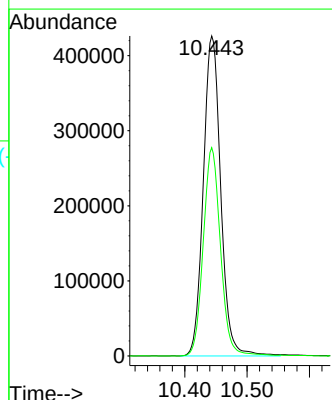
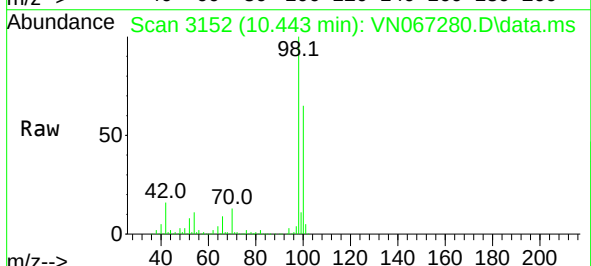
RT: 10.443 min Scan# 3152

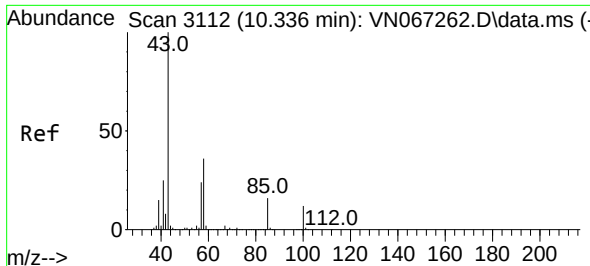
Delta R.T. -0.000 min

Lab File: VN067280.D

Acq: 11 Jun 2021 10:43

Tgt Ion:	98	Resp:	829004
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.8

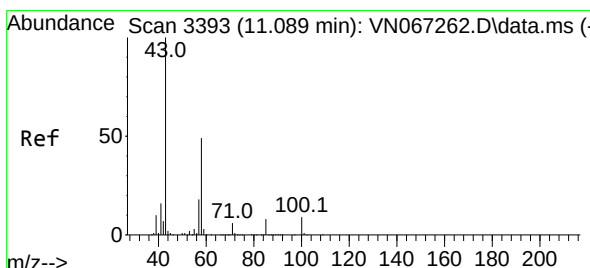
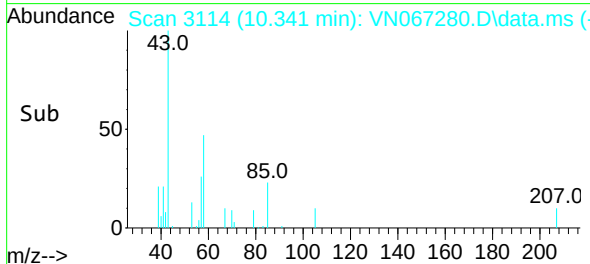
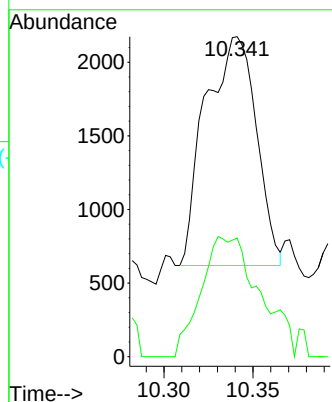
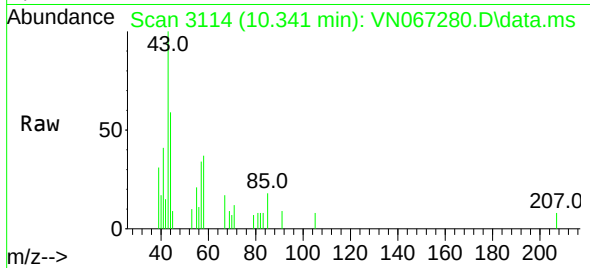




#51
4-Methyl-2-Pentanone
Concen: 0.366 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.005 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

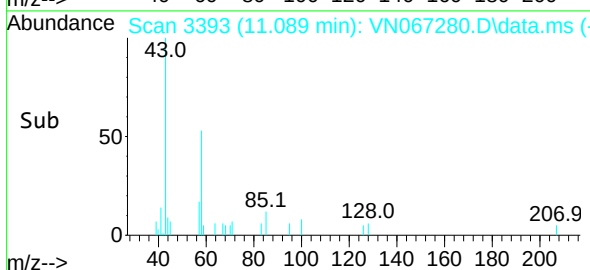
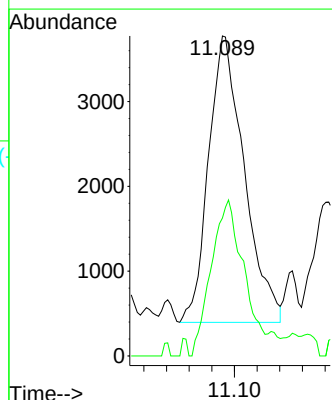
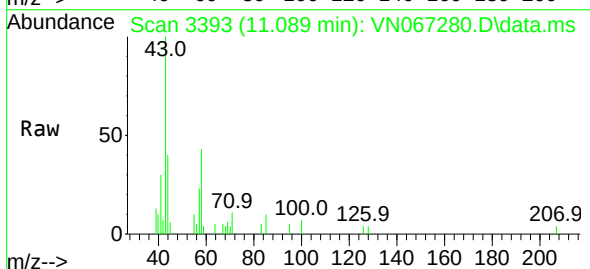
Instrument :
MSVOA_N
ClientSampled :
VN0611MBL01

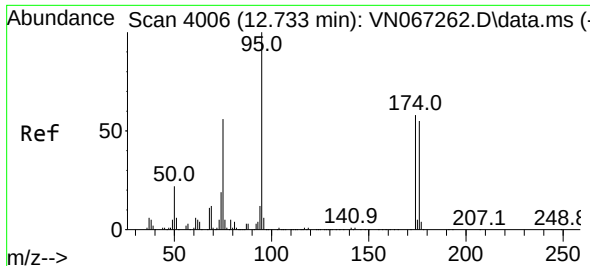
Tgt Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
58 59.8 34.5 51.7#



#59
2-Hexanone
Concen: 1.209 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 43 Resp: 7391
Ion Ratio Lower Upper
43 100
58 50.1 29.8 89.5

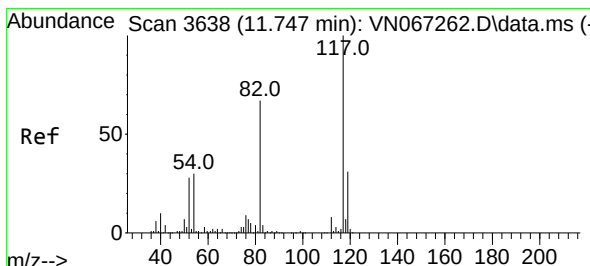
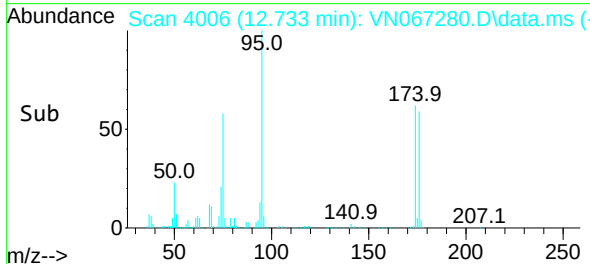
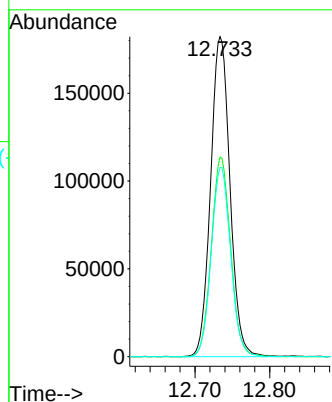
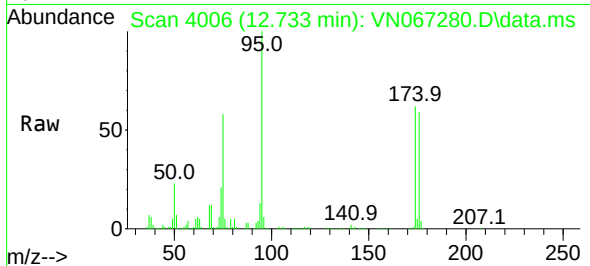




#62
4-Bromofluorobenzene
Concen: 48.731 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

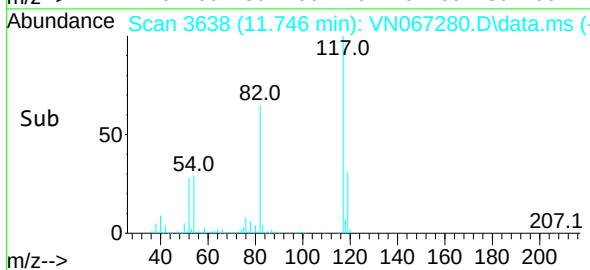
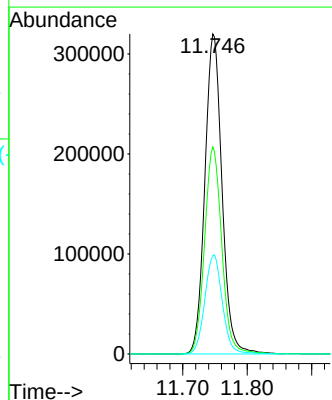
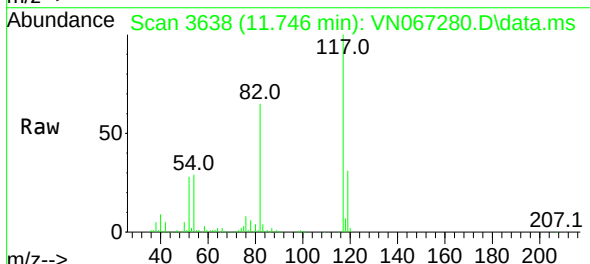
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

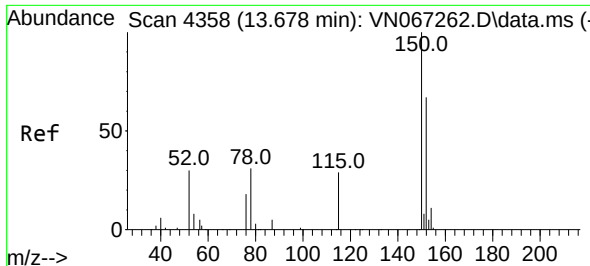
Tgt Ion: 95 Resp: 328637
Ion Ratio Lower Upper
95 100
174 62.2 0.0 182.8
176 59.1 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 117 Resp: 591359
Ion Ratio Lower Upper
117 100
82 64.7 42.2 63.2#
119 30.8 25.8 38.6

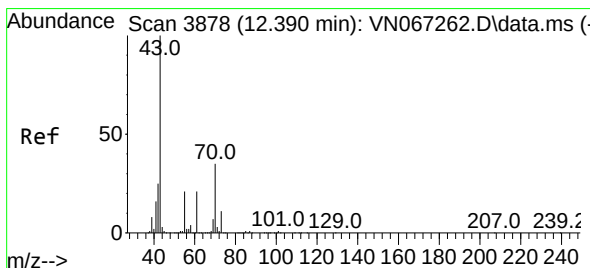
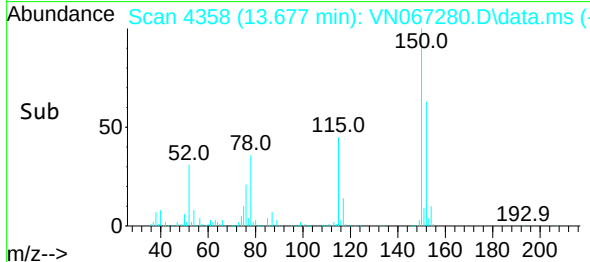
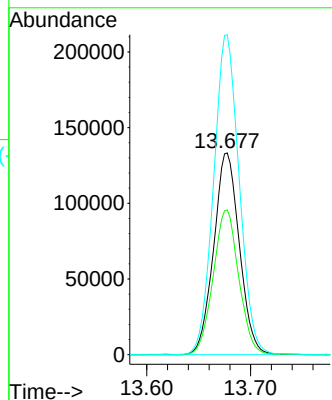
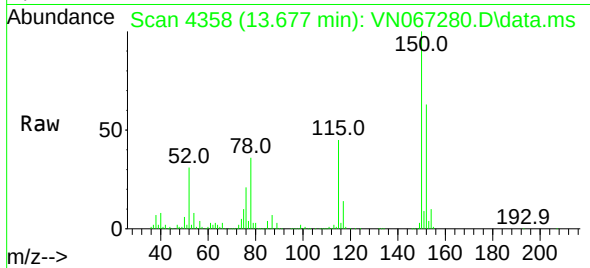




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

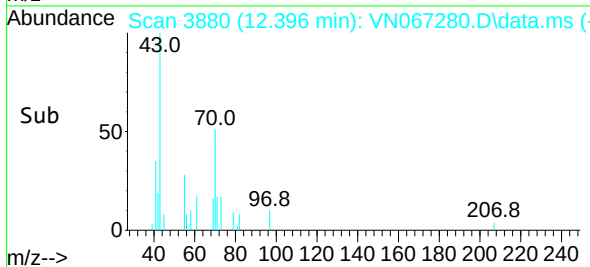
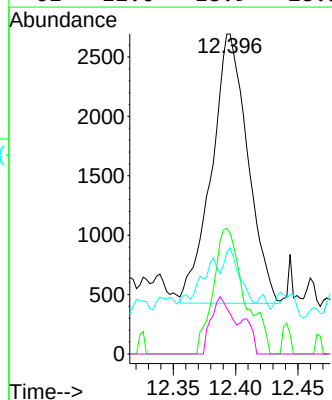
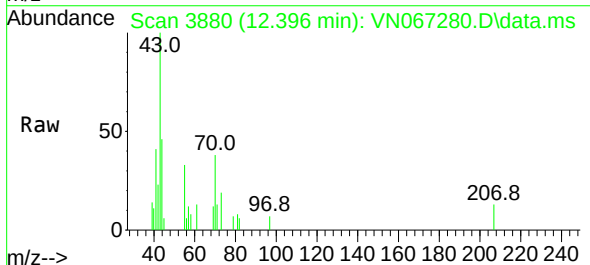
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

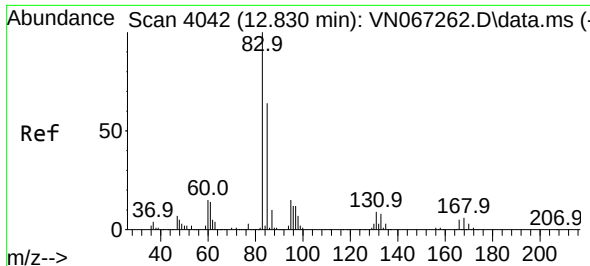
Tgt Ion:152 Resp: 229145
Ion Ratio Lower Upper
152 100
115 71.6 27.0 80.8
150 158.2 0.0 350.2



#74
N-ethyl acetate
Concen: 0.431 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 43 Resp: 4578
Ion Ratio Lower Upper
43 100
70 40.1 36.7 55.1
55 9.9 17.6 26.4#
61 12.0 18.9 28.3#

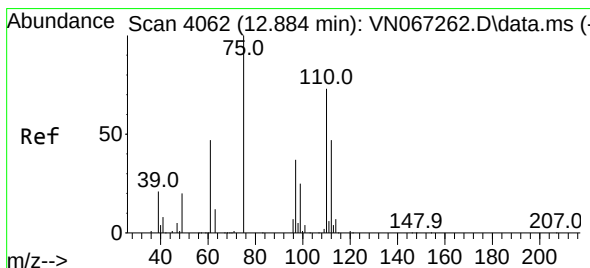
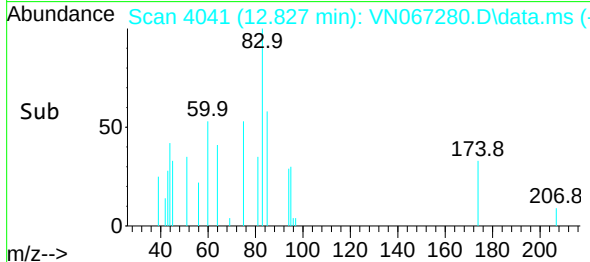
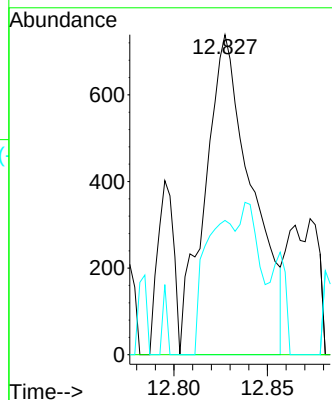
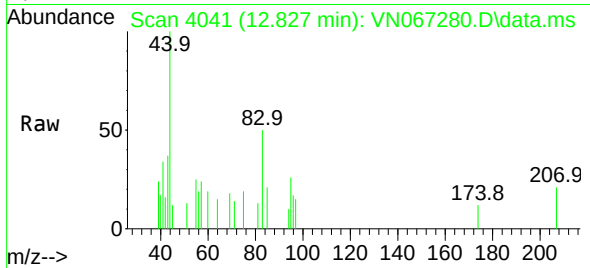




#75
1,1,2,2-Tetrachloroethane
Concen: 0.201 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

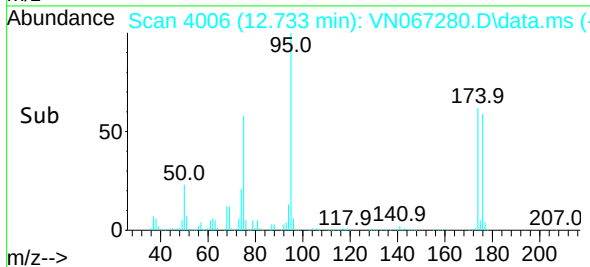
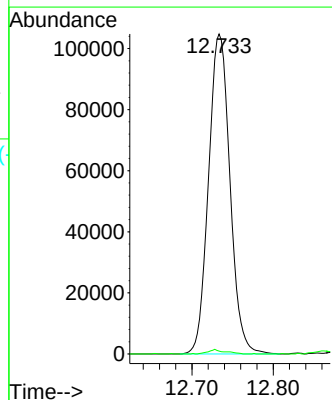
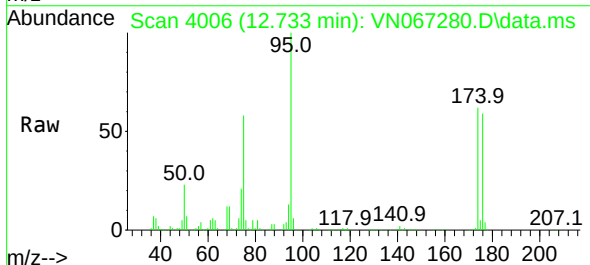
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

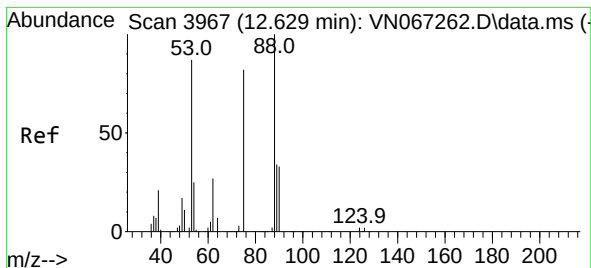
Tgt Ion: 83 Resp: 1289
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 27.9 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 31.494 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 75 Resp: 191714
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

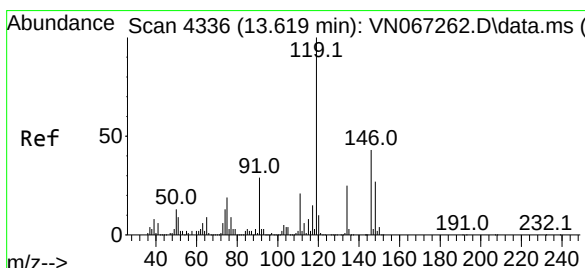
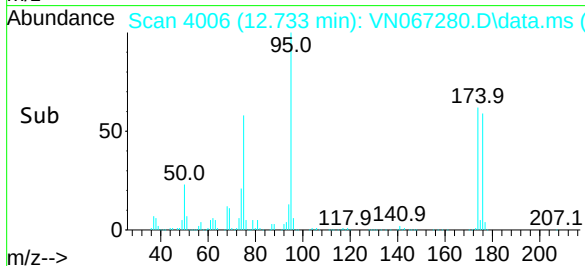
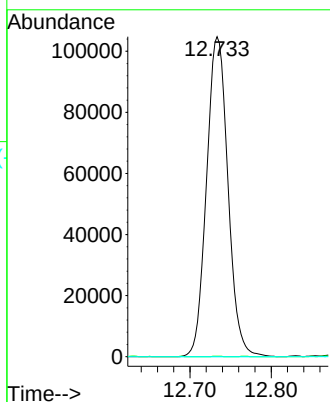
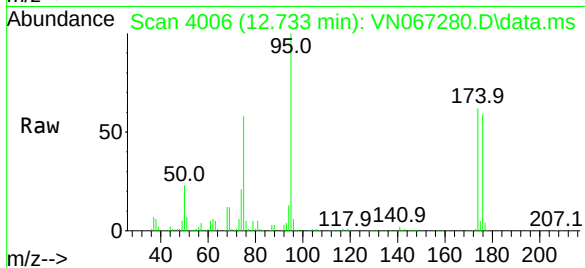




#81
trans-1,4-Dichloro-2-butene
Concen: 80.565 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

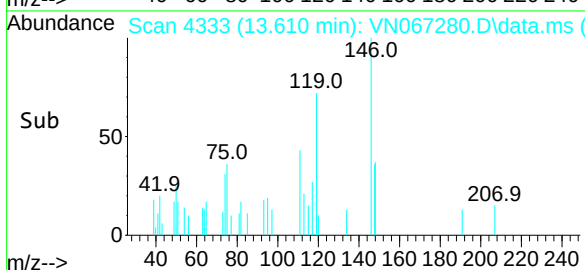
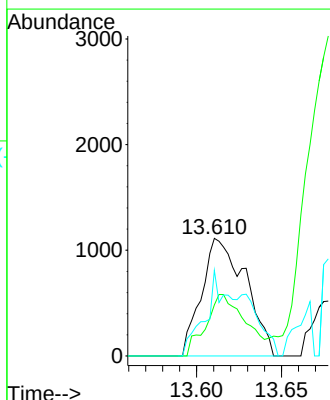
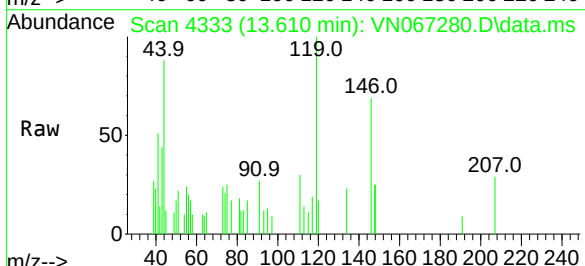
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

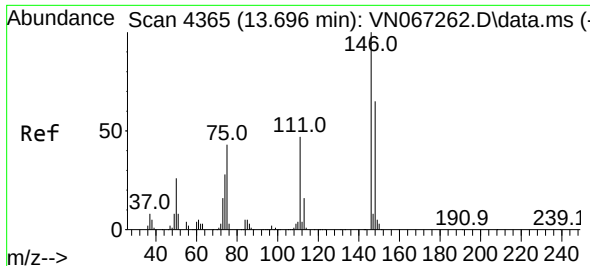
Tgt Ion: 75 Resp: 191714
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.0 39.5 59.3#



#87
1,3-Dichlorobenzene
Concen: 0.256 ug/l
RT: 13.610 min Scan# 4333
Delta R.T. -0.008 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 146 Resp: 2004
Ion Ratio Lower Upper
146 100
111 46.6 19.3 57.8
148 33.1 32.0 96.2

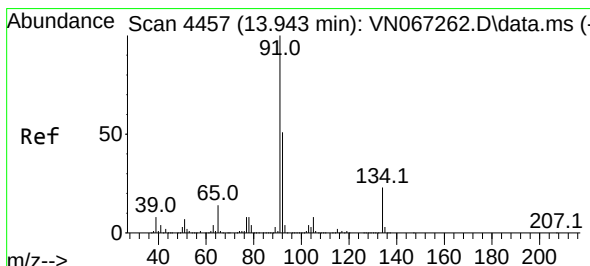
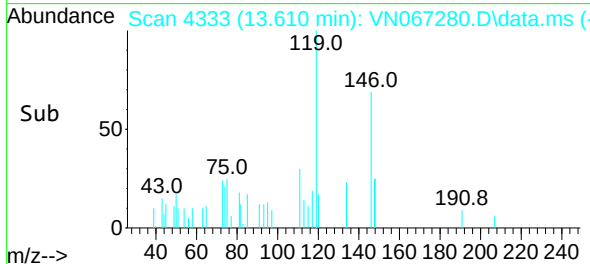
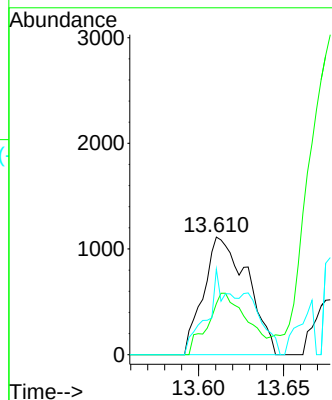
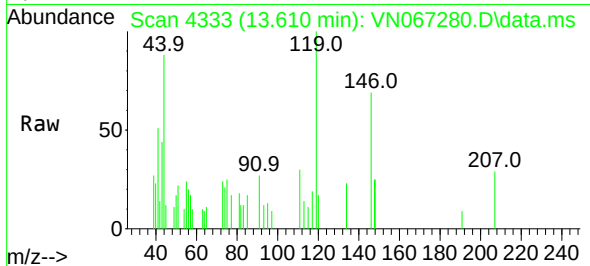




#88
1,4-Dichlorobenzene
Concen: 0.261 ug/l
RT: 13.610 min Scan# 4333
Delta R.T. -0.086 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

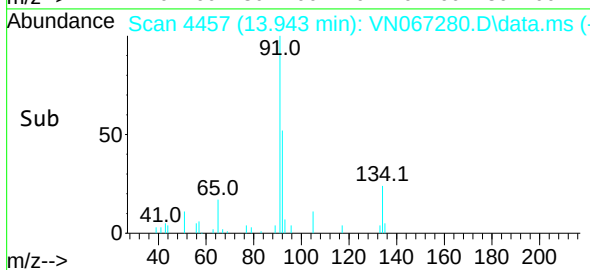
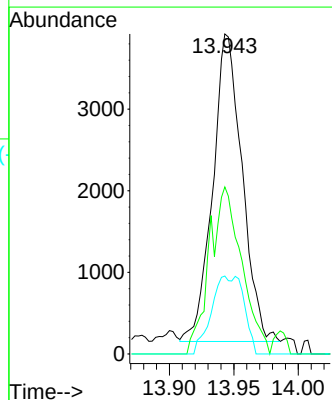
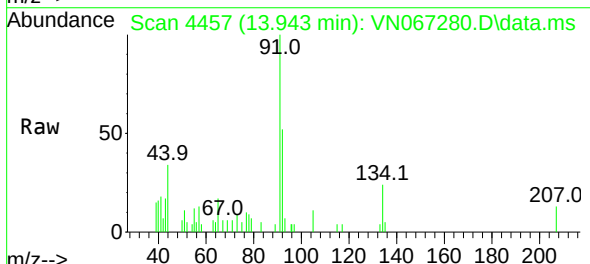
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

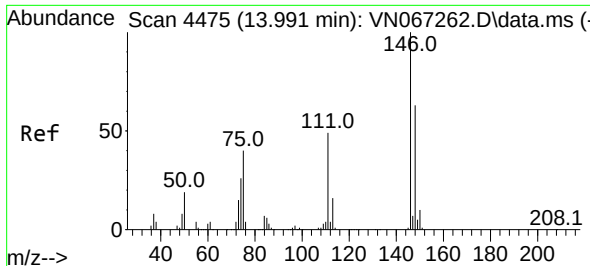
Tgt Ion:146	Resp:	2004
Ion Ratio	Lower	Upper
146	100	
111	46.6	18.5 55.5
148	33.1	31.4 94.3



#89
n-Butylbenzene
Concen: 0.363 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 91	Resp:	5981
Ion Ratio	Lower	Upper
91	100	
92	59.7	26.5 79.5
134	18.0	14.3 42.9

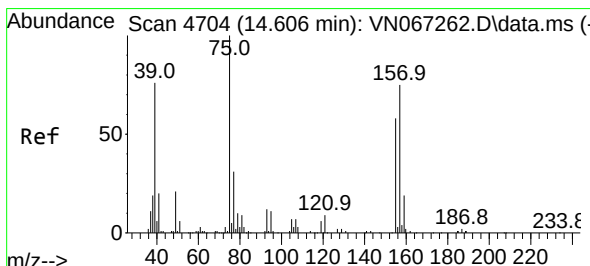
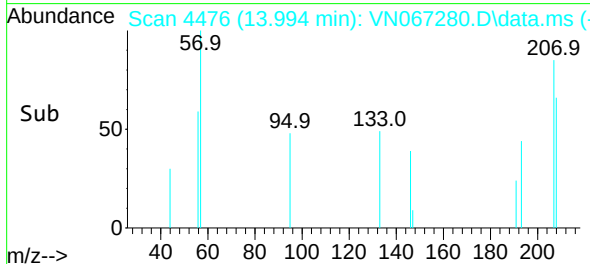
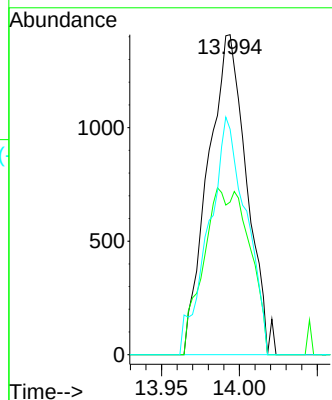
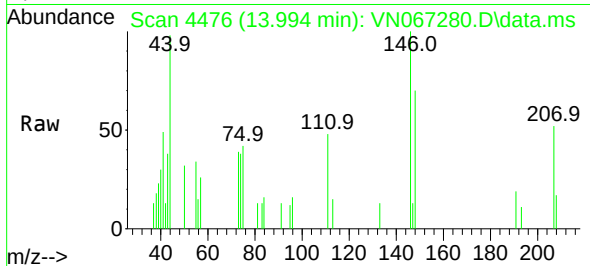




#91
1,2-Dichlorobenzene
Concen: 0.327 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

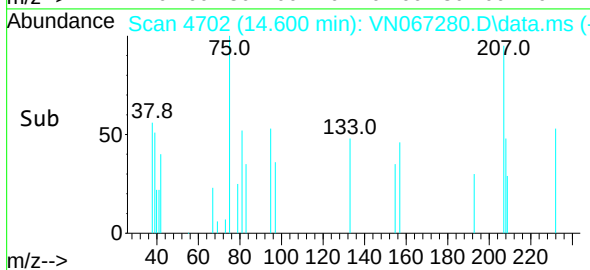
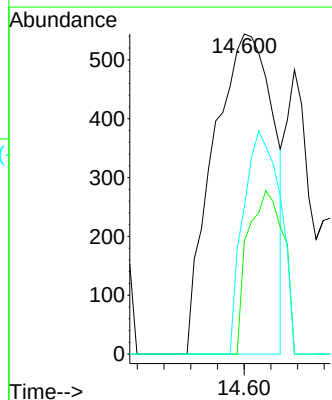
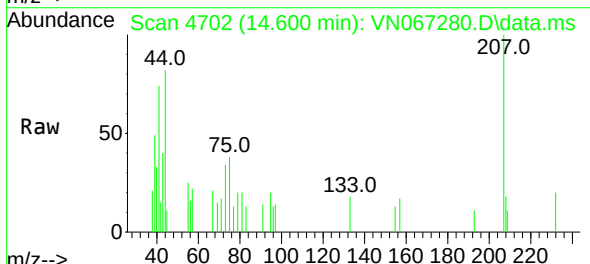
Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

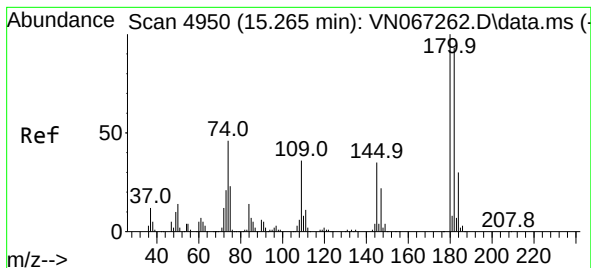
Tgt Ion:146 Resp: 2431
Ion Ratio Lower Upper
146 100
111 31.9 19.8 59.3
148 72.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.549 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.005 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion: 75 Resp: 851
Ion Ratio Lower Upper
75 100
155 30.2 49.9 149.7#
157 42.9 63.8 191.4#

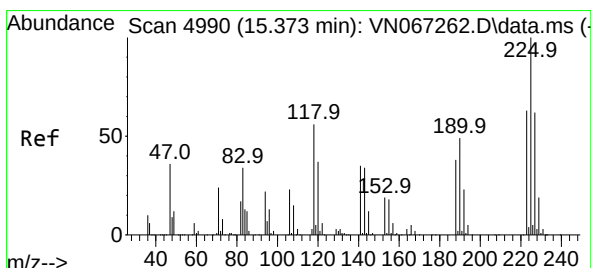
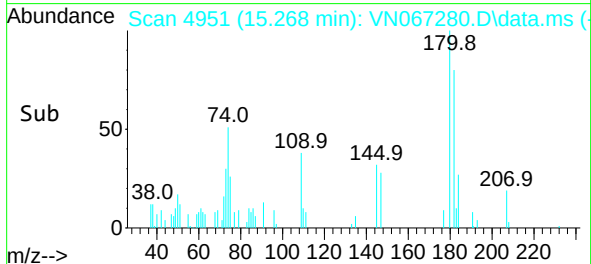
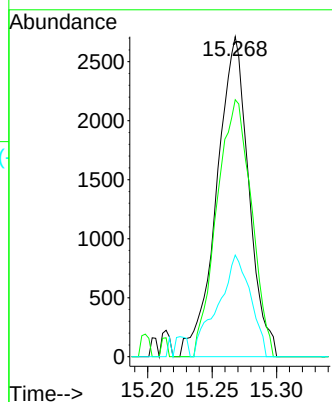
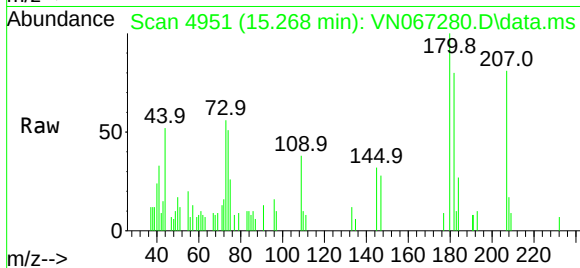




#93
1,2,4-Trichlorobenzene
Concen: 1.225 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

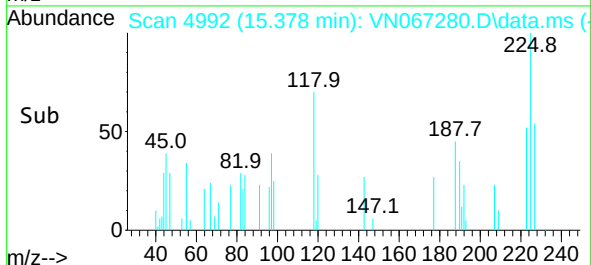
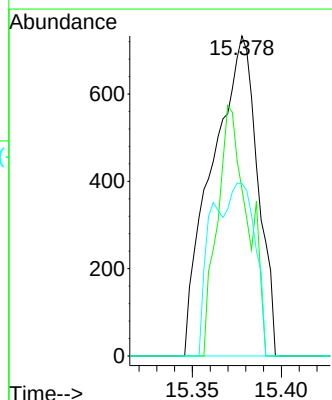
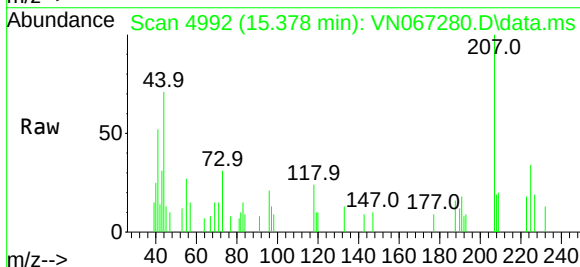
Instrument :
MSVOA_N
ClientSampled :
VN0611MBL01

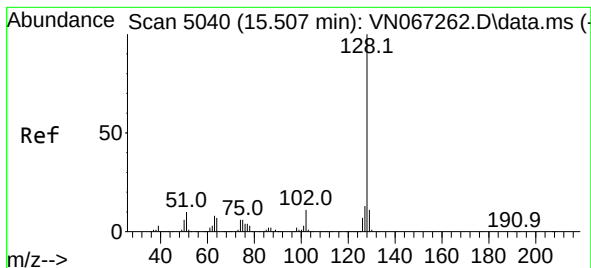
Tgt Ion:180 Resp: 4680
Ion Ratio Lower Upper
180 100
182 86.6 47.3 141.8
145 32.2 14.0 42.0



#94
Hexachlorobutadiene
Concen: 0.582 ug/l
RT: 15.378 min Scan# 4992
Delta R.T. 0.005 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion:225 Resp: 1299
Ion Ratio Lower Upper
225 100
223 52.3 31.7 95.1
227 18.8 31.7 95.1#

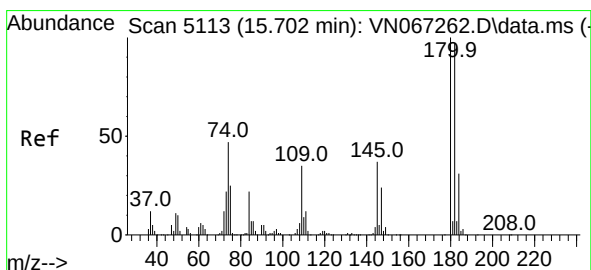
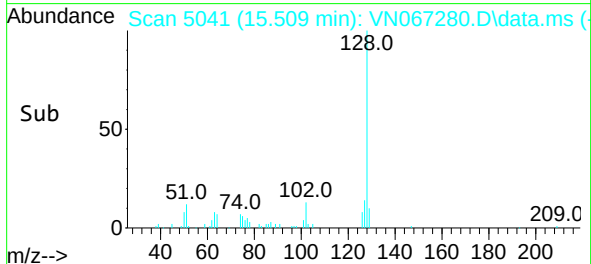
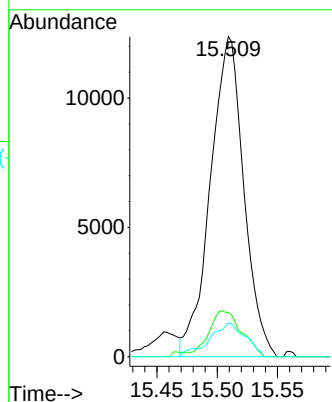
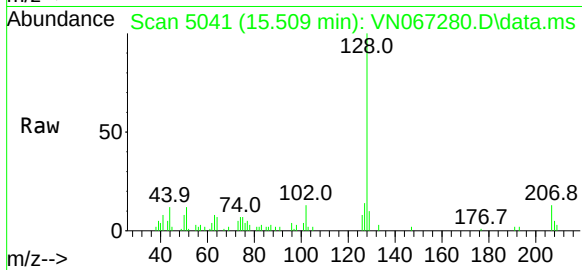




#95
Naphthalene
Concen: 6.353 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0611MBL01

Tgt Ion:128 Resp: 23817
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.664 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN067280.D
Acq: 11 Jun 2021 10:43

Tgt Ion:180 Resp: 5894
Ion Ratio Lower Upper
180 100
182 103.9 48.5 145.6
145 38.2 15.4 46.2

