

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067223.D
 Acq On : 5 Jun 2021 11:22
 Operator : JC/MD
 Sample : VN0605WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBL01

Quant Time: Jun 07 01:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	264642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	455261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	426953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	182806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	169352	46.946	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.900%
35) Dibromofluoromethane	8.027	113	137373	48.674	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.340%
50) Toluene-d8	10.446	98	614145	53.430	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.736	95	186481	42.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.240%

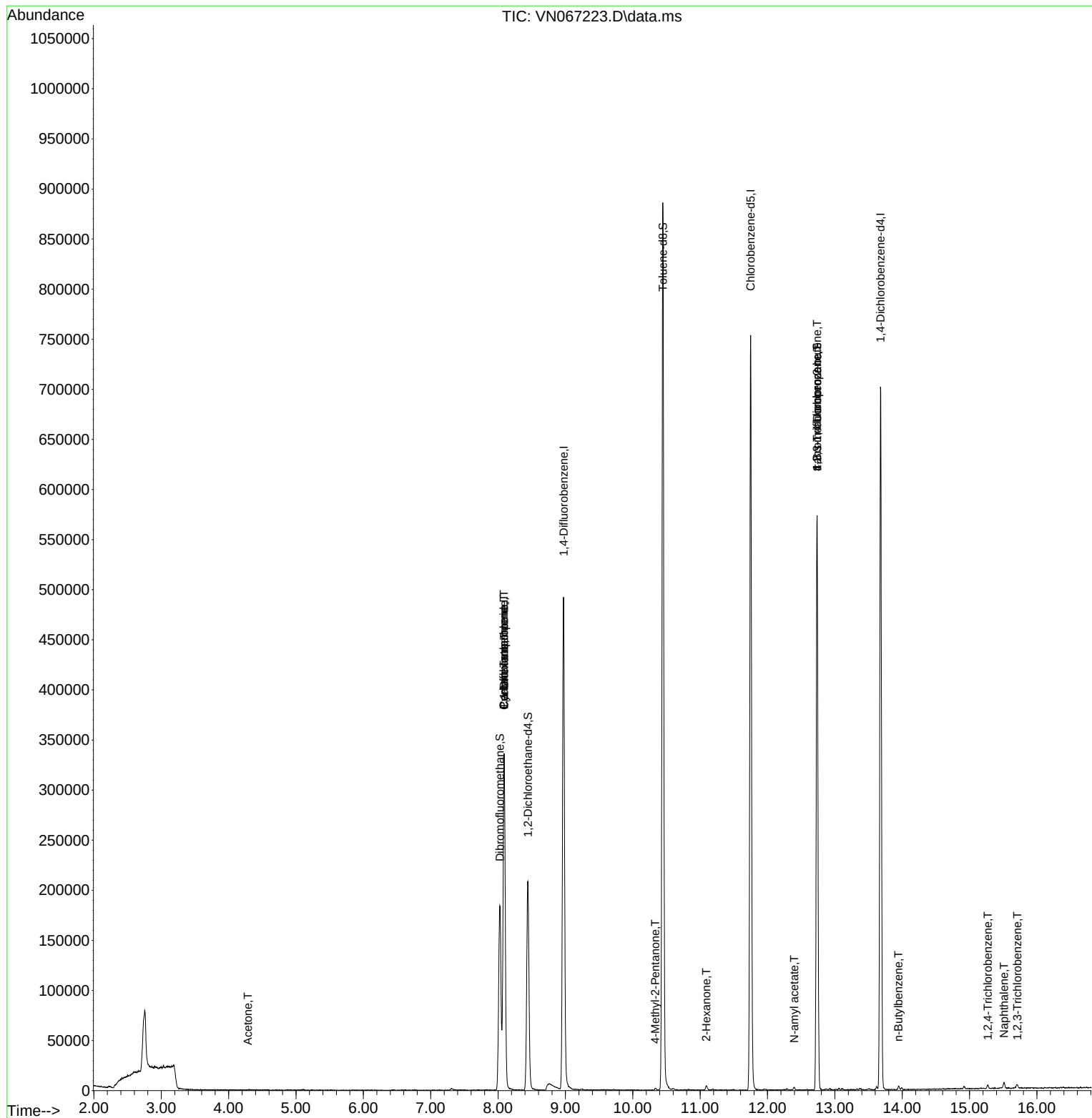
Target Compounds			Qvalue			
13) Acrolein	4.063	56	175	Below Cal	#	1
16) Acetone	4.285	43	262	0.210	ug/l #	41
31) Cyclohexane	8.091	56	6289	1.298	ug/l #	33
36) 1,1-Dichloropropene	8.088	75	20822	4.952	ug/l #	48
38) Carbon Tetrachloride	8.088	117	25874	5.635	ug/l #	15
51) 4-Methyl-2-Pentanone	10.336	43	2029	0.449	ug/l #	64
59) 2-Hexanone	11.092	43	3553	1.082	ug/l	72
74) N-amyl acetate	12.398	43	2031	0.362	ug/l #	76
76) 1,2,3-Trichloropropane	12.736	75	105337	29.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	105337	73.313	ug/l #	15
89) n-Butylbenzene	13.943	91	2494	0.219	ug/l	86
93) 1,2,4-Trichlorobenzene	15.271	180	1472	0.538	ug/l	90
95) Naphthalene	15.512	128	6171	5.116	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.710	180	1611	0.664	ug/l	98

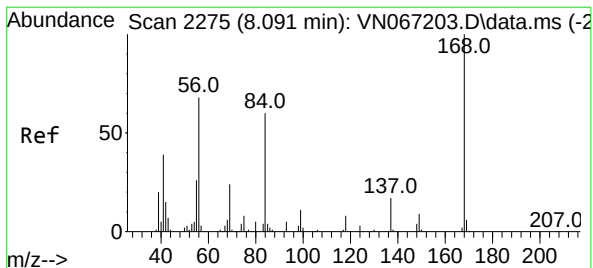
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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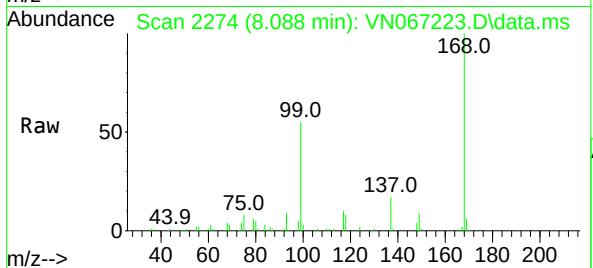
Quant Time: Jun 07 01:13:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 04 19:00:20 2021
Response via : Initial Calibration



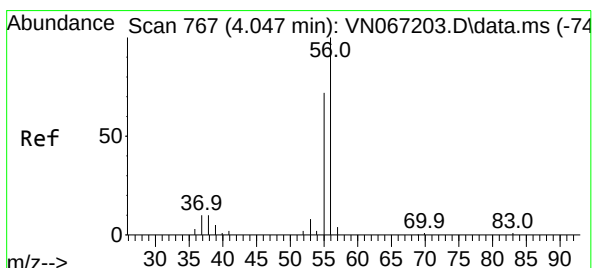
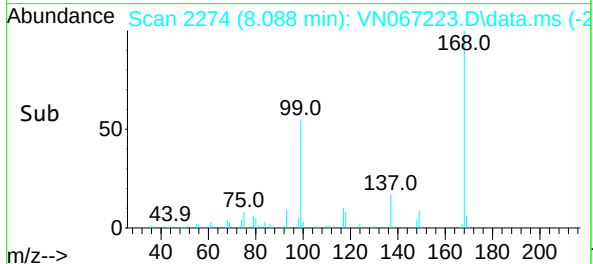
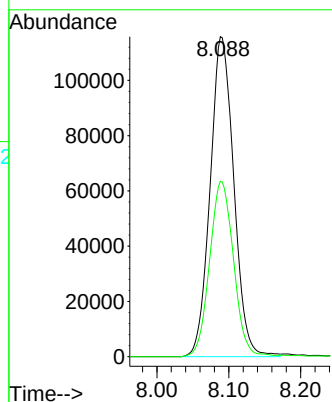


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

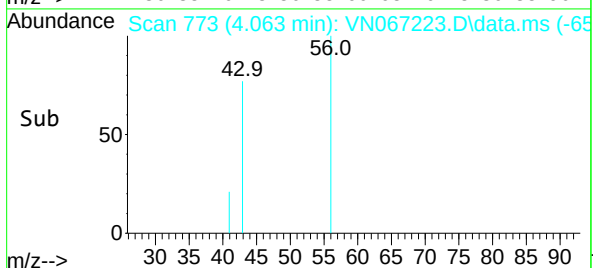
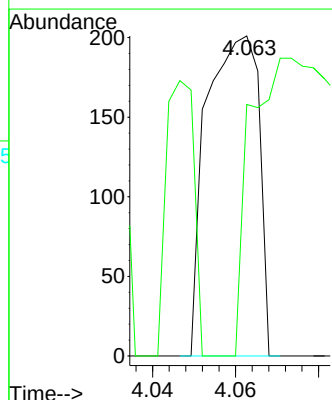
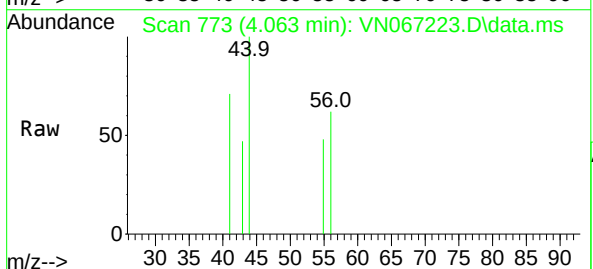


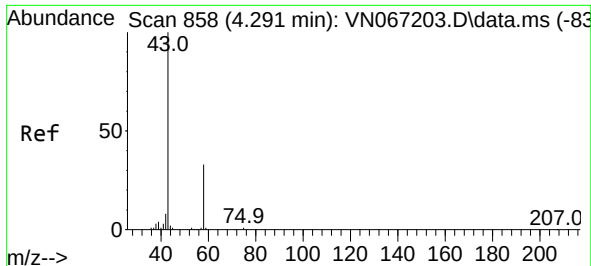
Tgt Ion:168 Resp: 264642
Ion Ratio Lower Upper
168 100
99 54.8 38.5 57.7



#13
Acrolein
Concen: Below Cal
RT: 4.063 min Scan# 773
Delta R.T. 0.016 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 158.3 53.8 80.6#

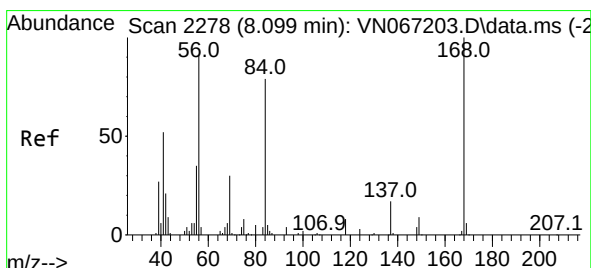
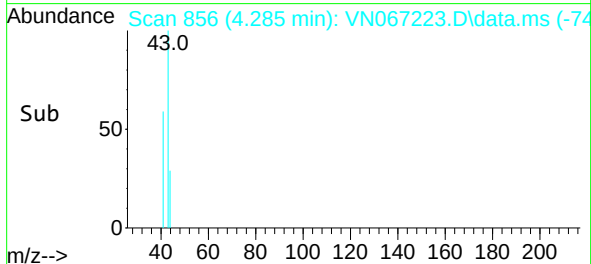
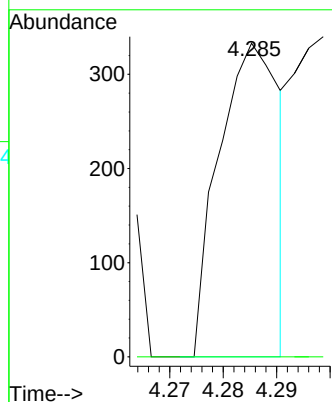
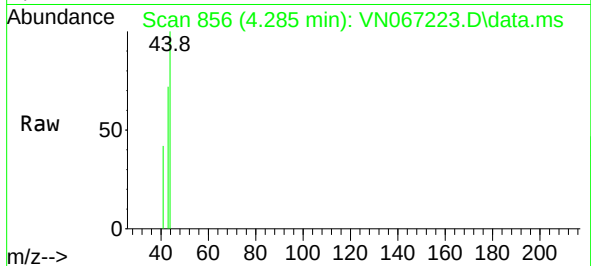




#16
Acetone
Concen: 0.210 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.006 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

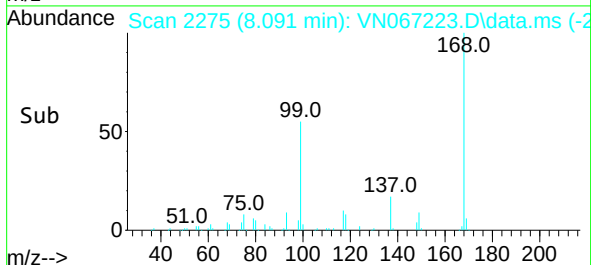
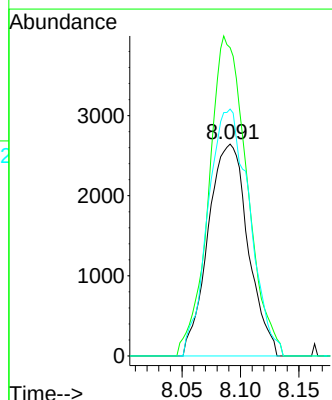
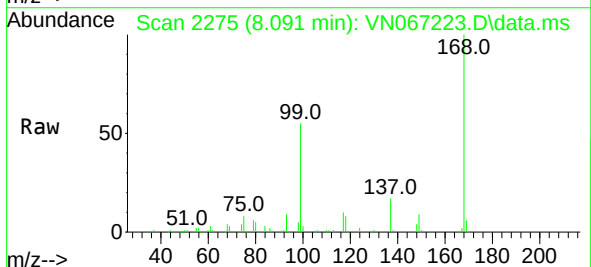
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

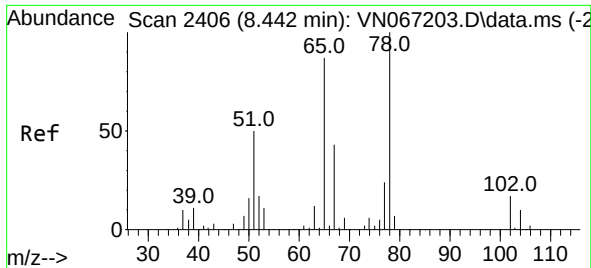
Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.008 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 56 Resp: 6289
Ion Ratio Lower Upper
56 100
69 139.7 28.0 42.0#
84 116.5 74.2 111.2#

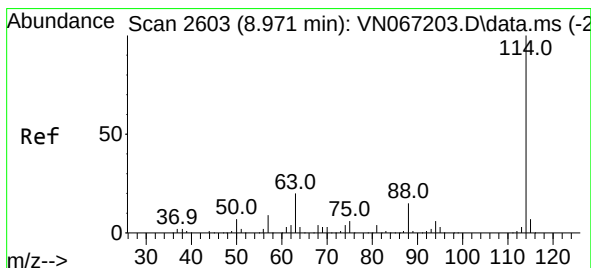
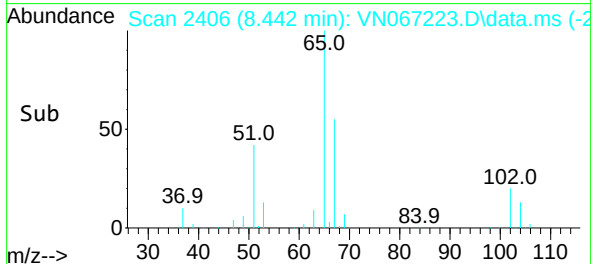
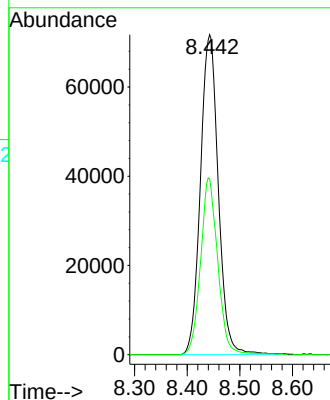
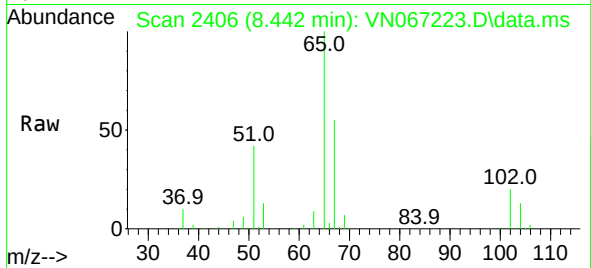




#33
 1,2-Dichloroethane-d4
 Concen: 46.946 ug/l
 RT: 8.442 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: VN067223.D
 Acq: 5 Jun 2021 11:22

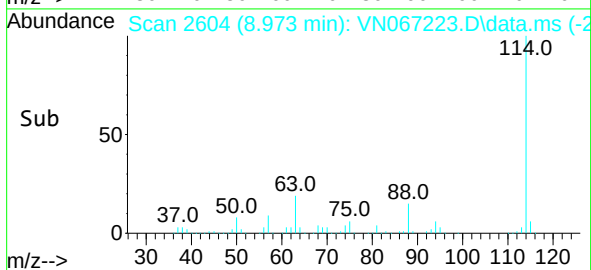
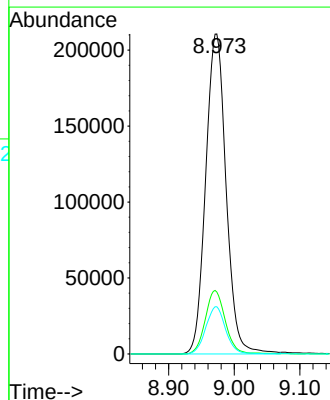
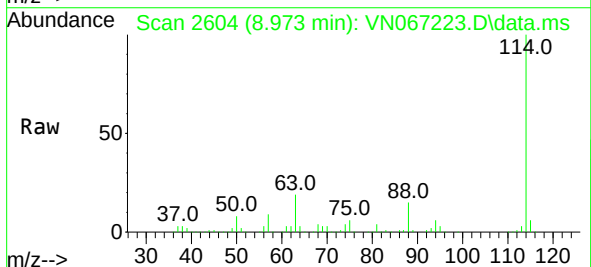
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBL01

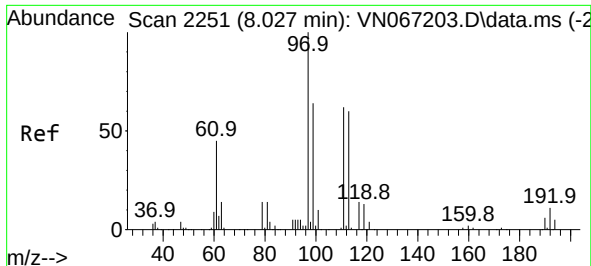
Tgt Ion: 65 Resp: 169352
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.973 min Scan# 2604
 Delta R.T. 0.003 min
 Lab File: VN067223.D
 Acq: 5 Jun 2021 11:22

Tgt Ion: 114 Resp: 455261
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 35.8
 88 14.8 0.0 30.4

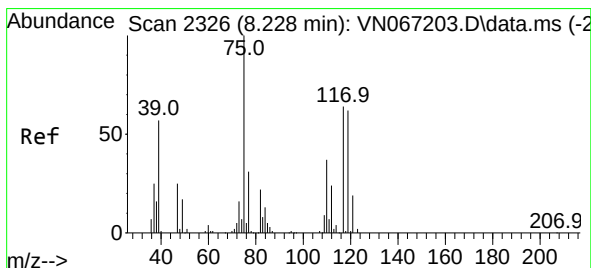
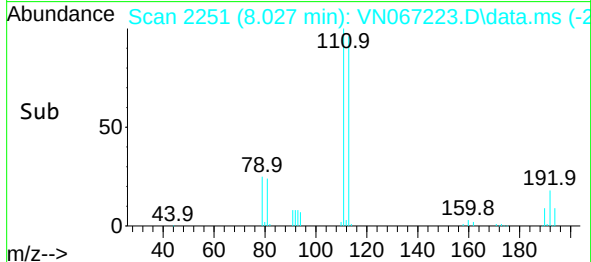
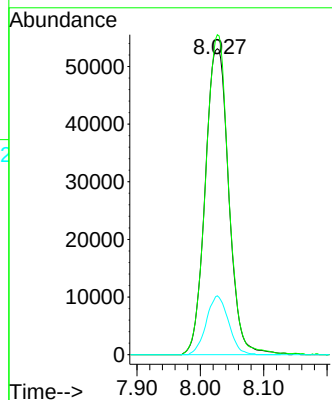
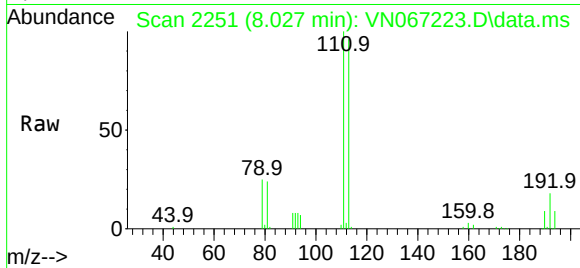




#35
Dibromofluoromethane
Concen: 48.674 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

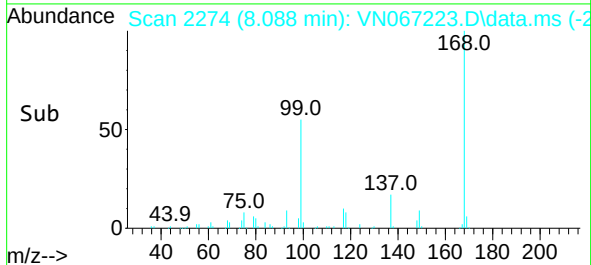
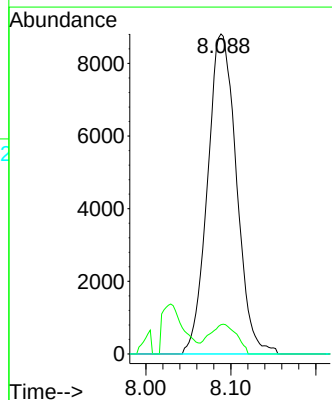
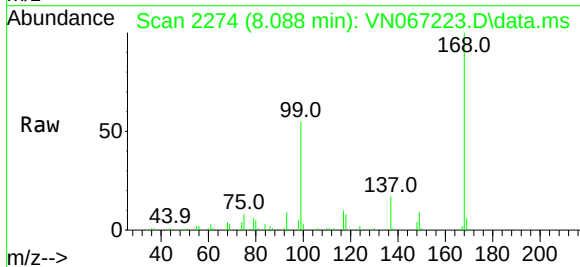
Instrument :
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ClientSampleId :
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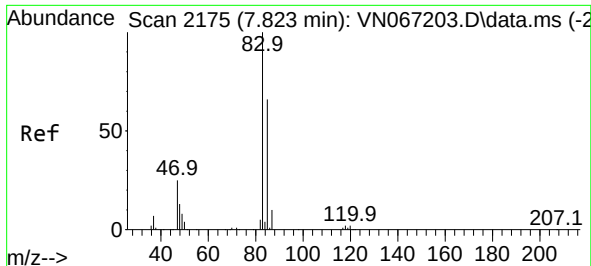
Tgt Ion:113 Resp: 137373
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 18.1 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.952 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.139 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

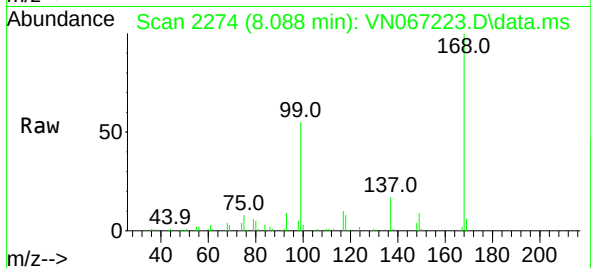
Tgt Ion: 75 Resp: 20822
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 24.8 37.2#



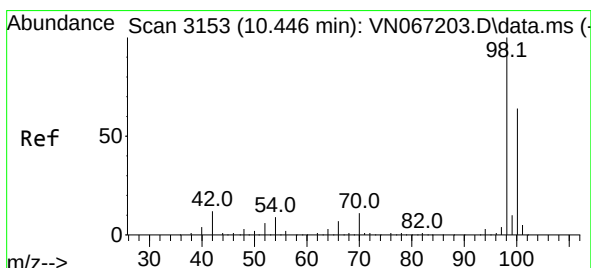
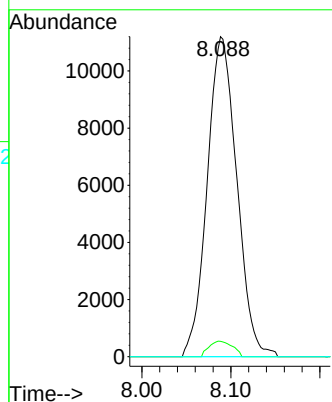
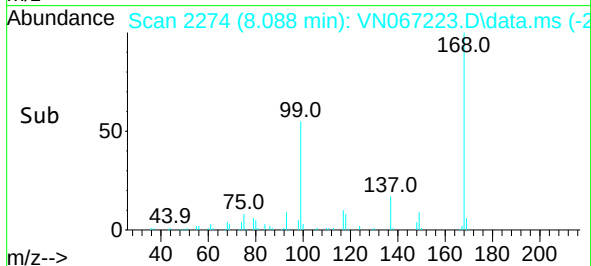


#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.123 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

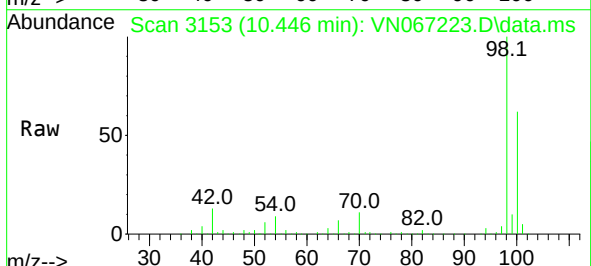
Instrument :
MSVOA_N
ClientSampleId :
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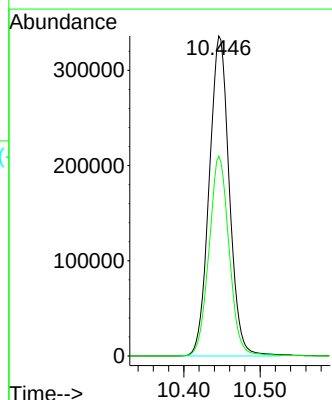
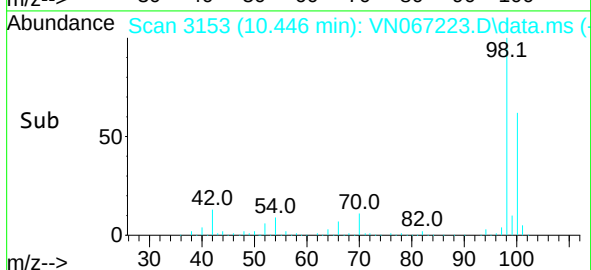
Tgt Ion:117 Resp: 25874
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.7 37.1#

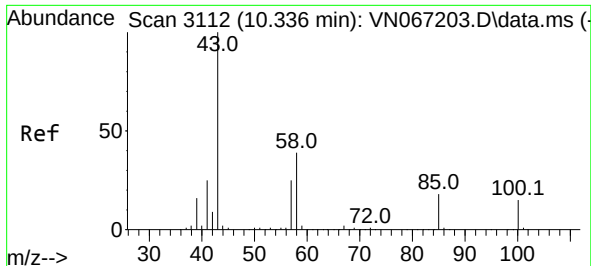


#50
Toluene-d8
Concen: 53.430 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22



Tgt Ion: 98 Resp: 614145
Ion Ratio Lower Upper
98 100
100 62.6 51.8 77.8

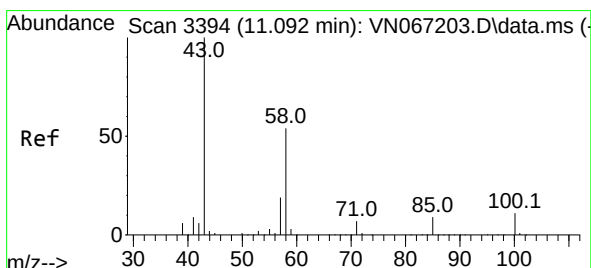
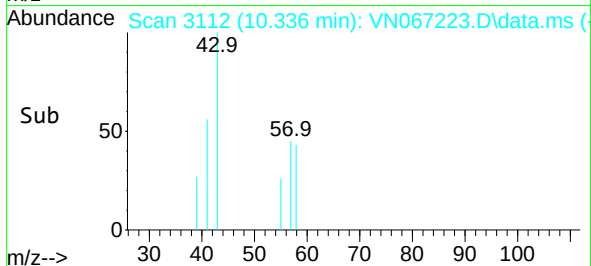
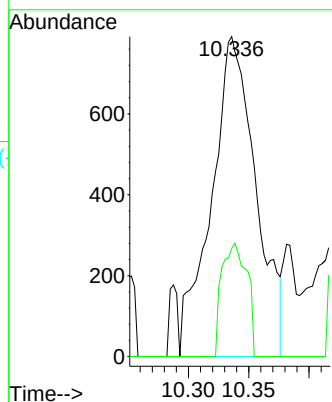
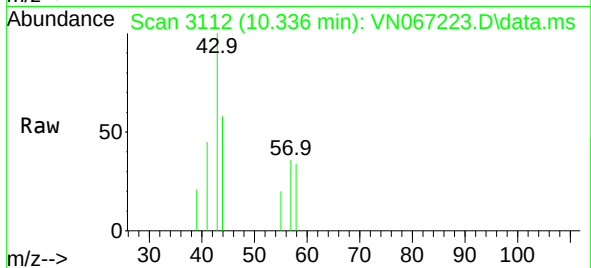




#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

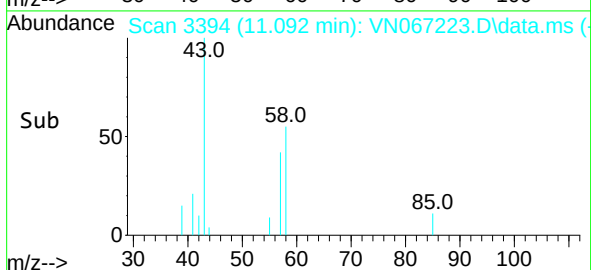
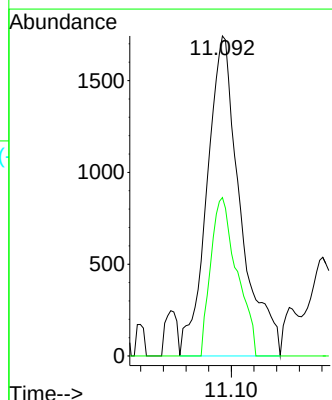
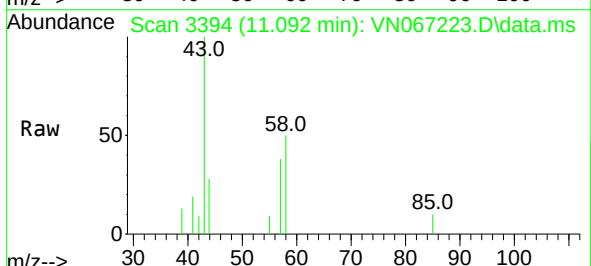
Instrument :
MSVOA_N
ClientSampled :
VN0605WBL01

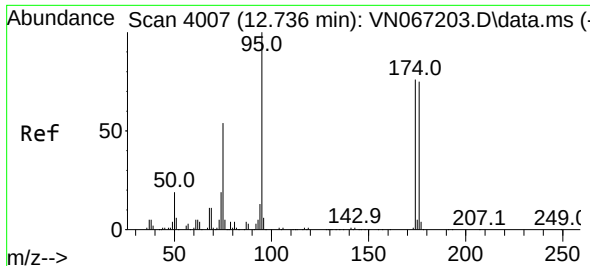
Tgt Ion: 43 Resp: 2029
Ion Ratio Lower Upper
43 100
58 20.0 34.5 51.7#



#59
2-Hexanone
Concen: 1.082 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 43 Resp: 3553
Ion Ratio Lower Upper
43 100
58 38.7 29.8 89.5

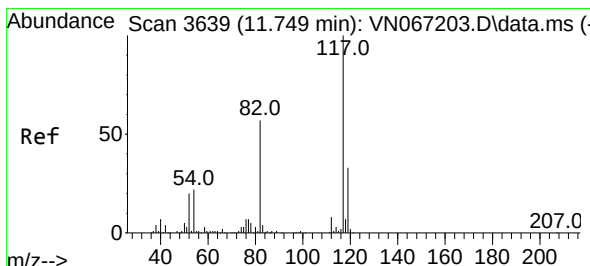
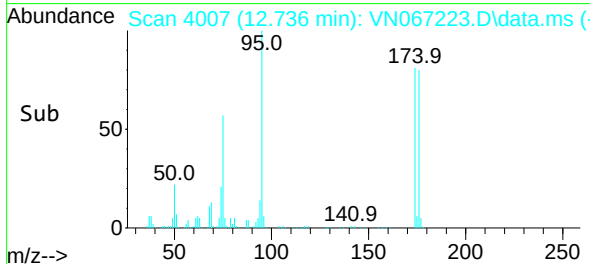
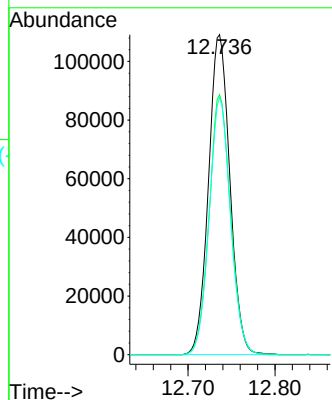
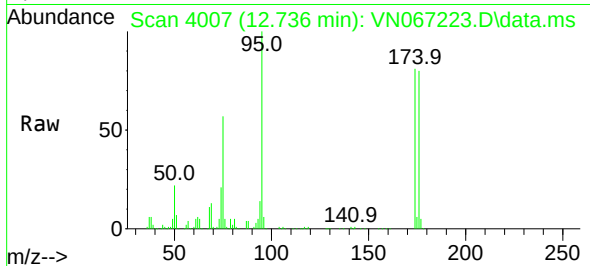




#62
4-Bromofluorobenzene
Concen: 42.124 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

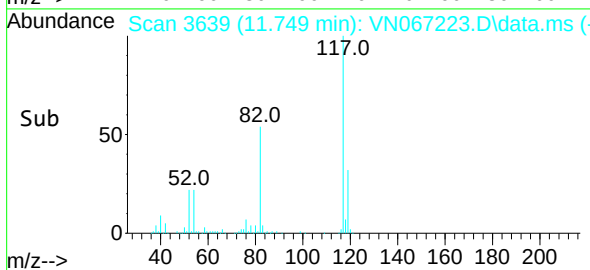
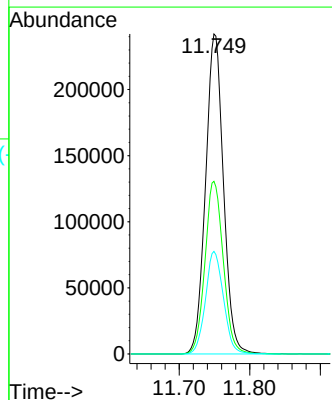
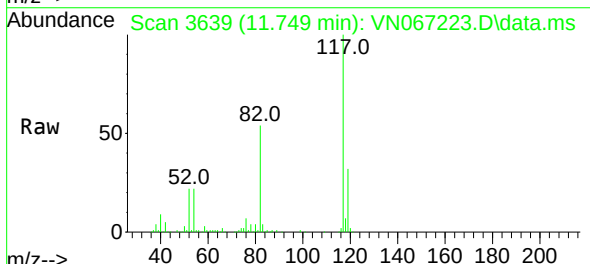
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

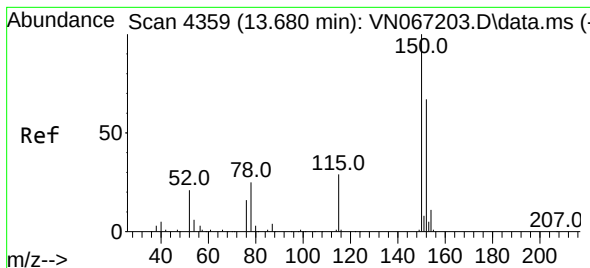
Tgt Ion: 95 Resp: 186481
Ion Ratio Lower Upper
95 100
174 81.7 0.0 182.8
176 79.8 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 117 Resp: 426953
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 32.0 25.8 38.6

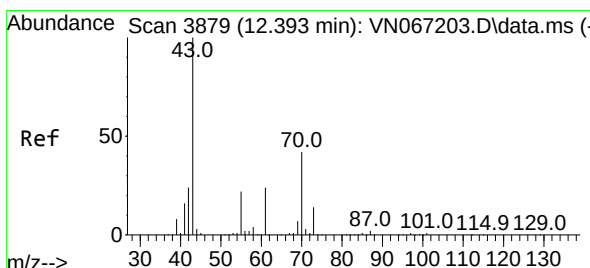
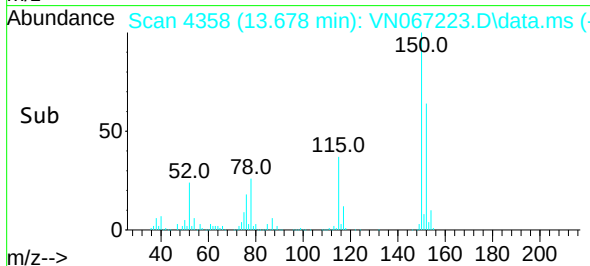
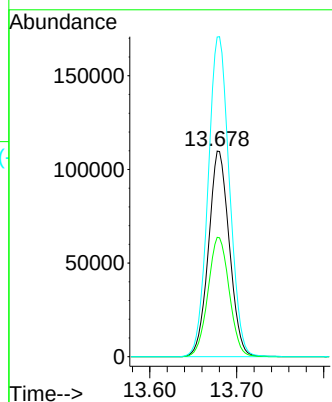
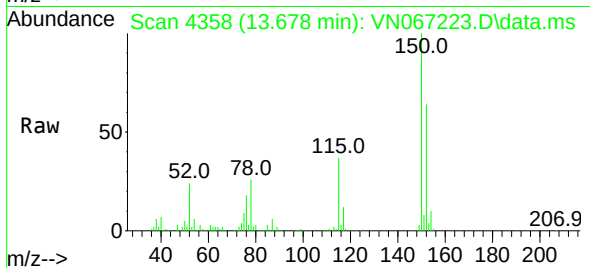




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

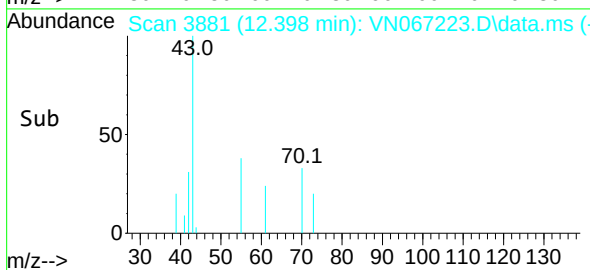
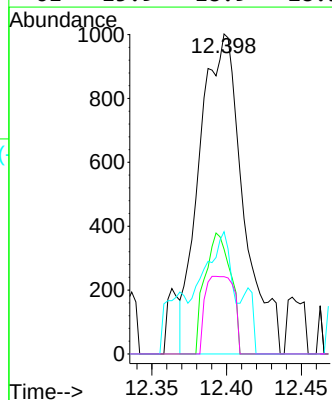
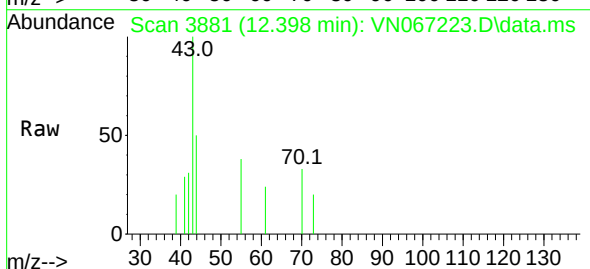
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

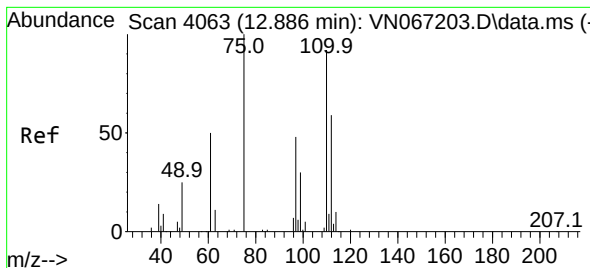
Tgt Ion:152 Resp: 182806
Ion Ratio Lower Upper
152 100
115 59.2 27.0 80.8
150 159.4 0.0 350.2



#74
N-ethyl acetate
Concen: 0.362 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.005 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 43 Resp: 2031
Ion Ratio Lower Upper
43 100
70 22.3 36.7 55.1#
55 26.7 17.6 26.4#
61 15.9 18.9 28.3#

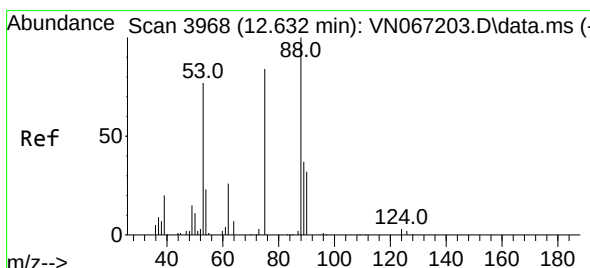
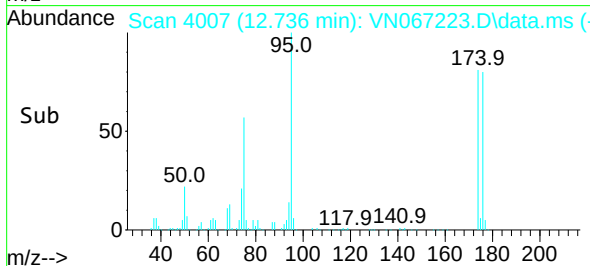
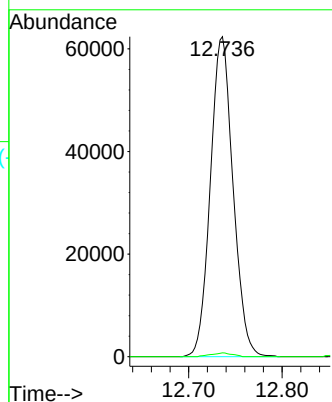
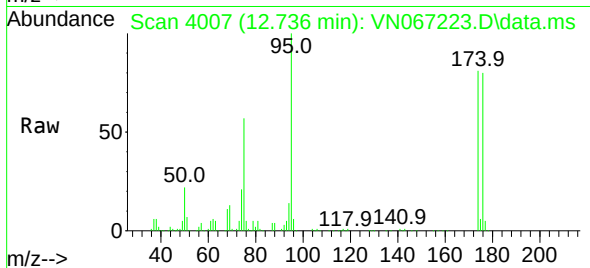




#76
1,2,3-Trichloropropane
Concen: 29.964 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.150 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

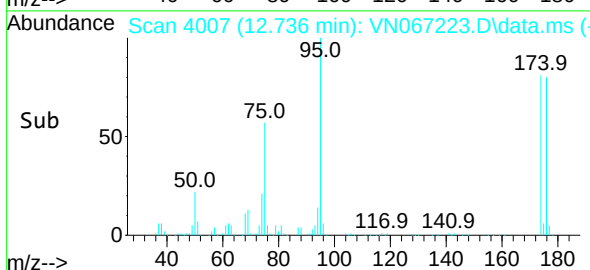
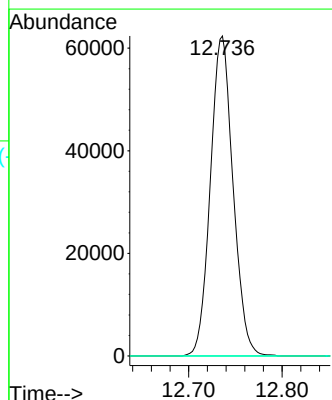
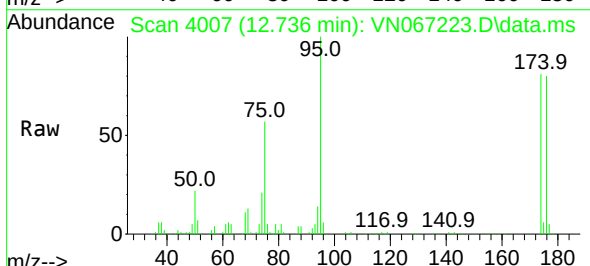
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

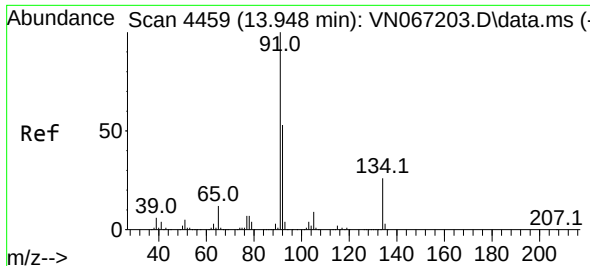
Tgt Ion: 75 Resp: 105337
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.313 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.105 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 75 Resp: 105337
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

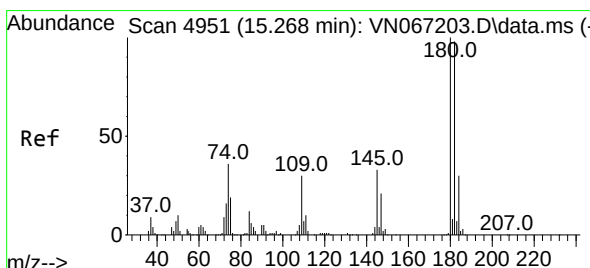
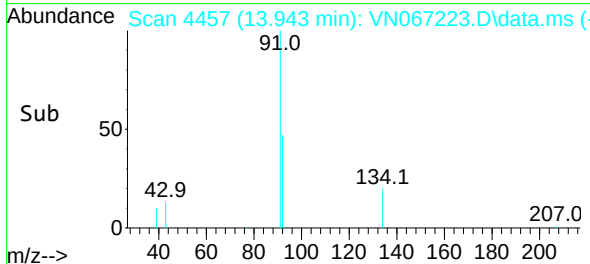
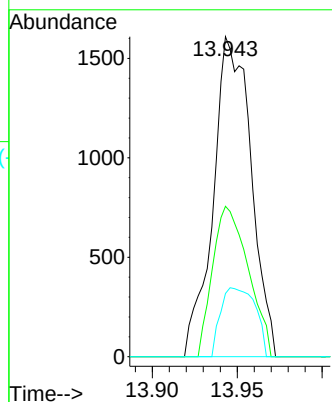
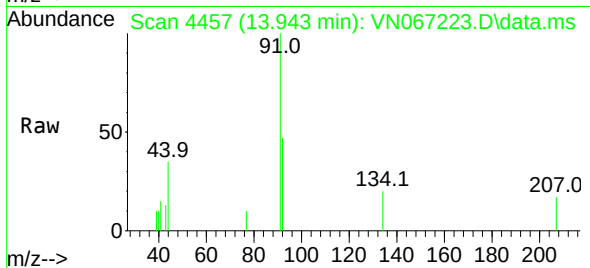




#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.005 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

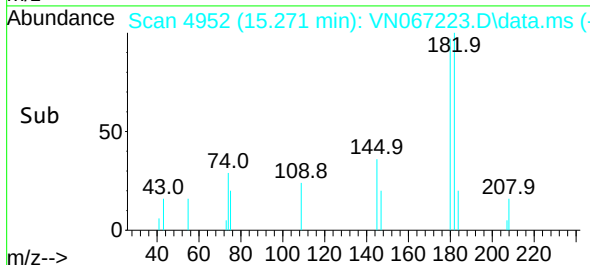
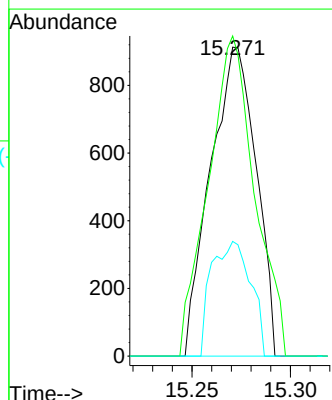
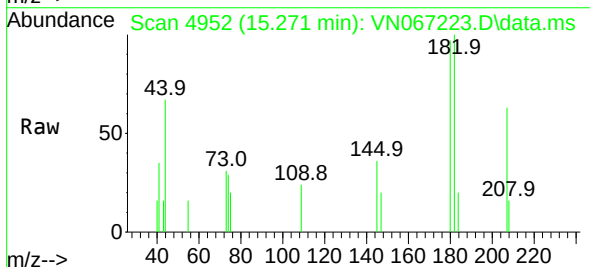
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

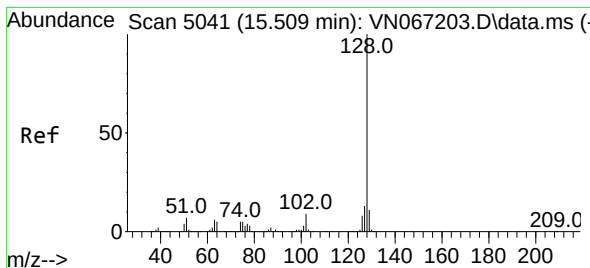
Tgt Ion: 91	Resp: 2494
Ion Ratio	Lower Upper
91	100
92	44.3 26.5 79.5
134	19.6 14.3 42.9



#93
1,2,4-Trichlorobenzene
Concen: 0.538 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.003 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion: 180	Resp: 1472
Ion Ratio	Lower Upper
180	100
182	104.8 47.3 141.8
145	31.8 14.0 42.0

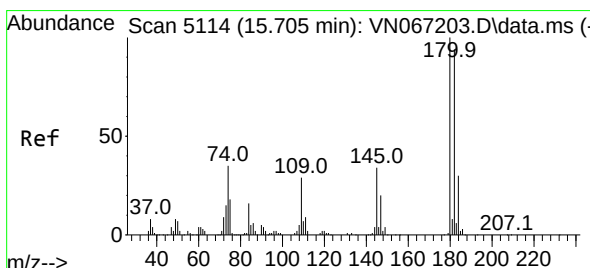
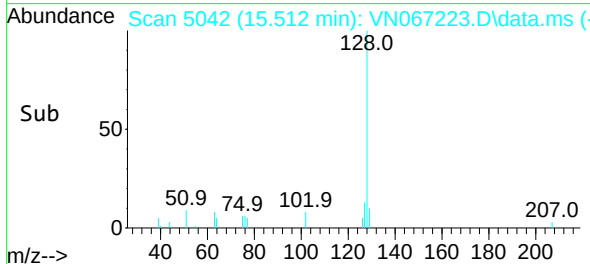
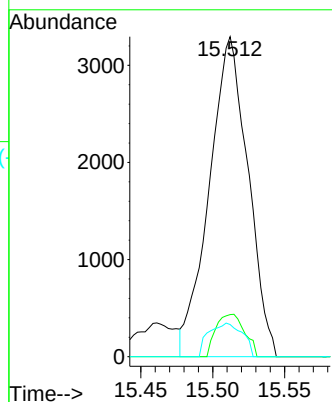
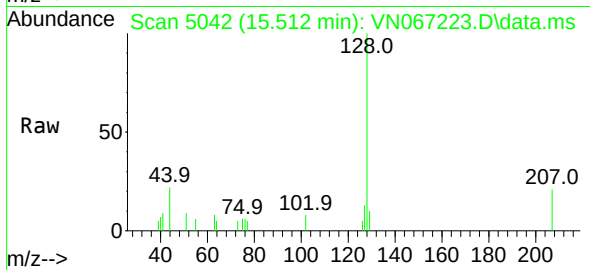




#95
Naphthalene
Concen: 5.116 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

Tgt Ion:128 Resp: 6171
Ion Ratio Lower Upper
128 100
127 9.8 10.2 15.2#
129 9.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.664 ug/l
RT: 15.710 min Scan# 5116
Delta R.T. 0.005 min
Lab File: VN067223.D
Acq: 5 Jun 2021 11:22

Tgt Ion:180 Resp: 1611
Ion Ratio Lower Upper
180 100
182 96.3 48.5 145.6
145 26.7 15.4 46.2

