

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067492.D
 Acq On : 24 Jun 2021 18:56
 Operator : JC/MD
 Sample : M2828-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LT-4

Quant Time: Jun 25 02:15:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

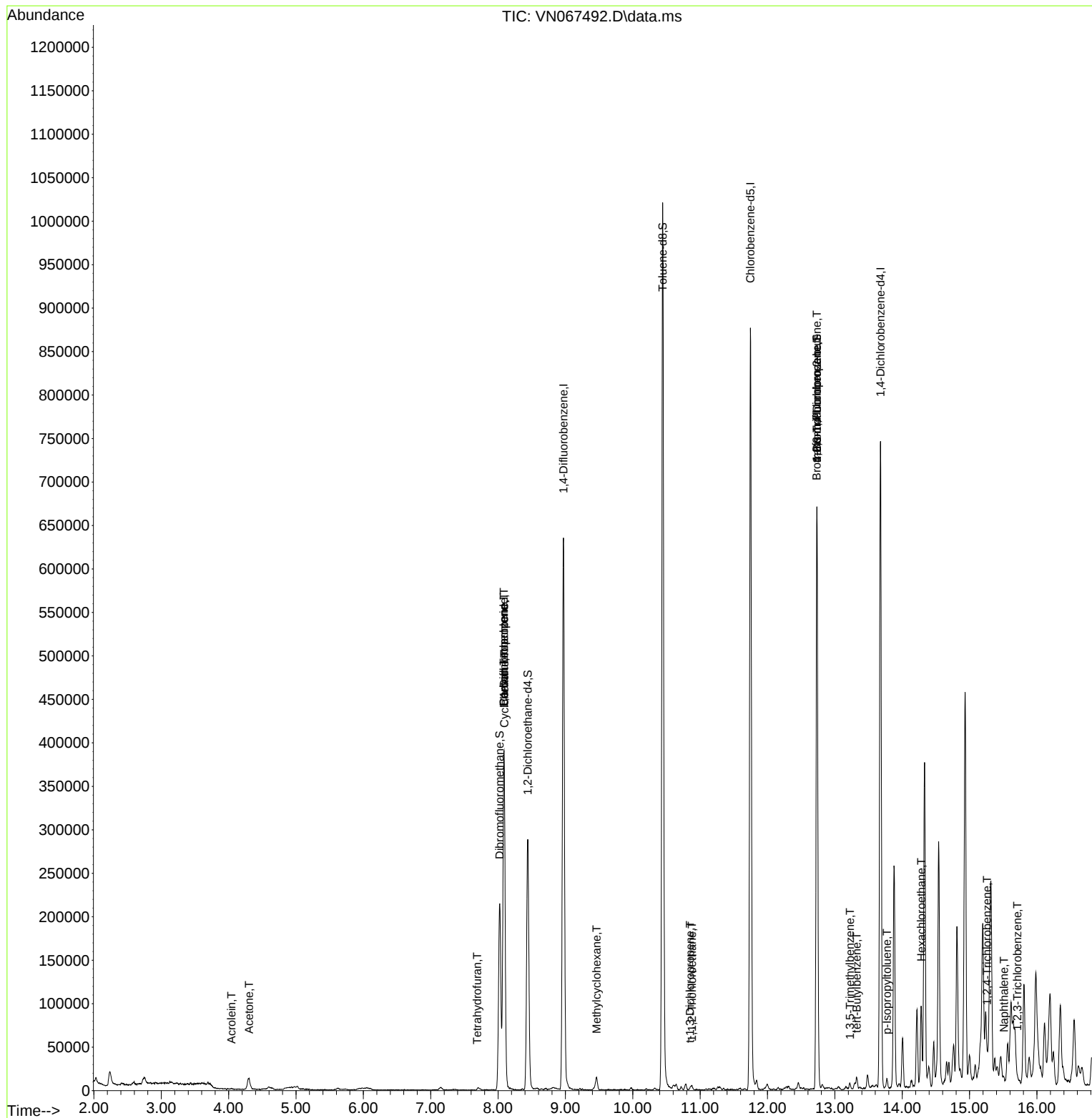
Internal Standards						
1) Pentafluorobenzene	8.088	168	236312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	506159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	449766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	168333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	243134	50.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.54%			
35) Dibromofluoromethane	8.024	113	153628	49.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.54%			
50) Toluene-d8	10.443	98	681714	51.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.52%			
62) 4-Bromofluorobenzene	12.733	95	238919	50.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.84%			
Target Compounds					Qvalue	
13) Acrolein	4.041	56	339	0.50	ug/l #	80
16) Acetone	4.304	43	24978	13.49	ug/l #	87
29) Tetrahydrofuran	7.689	42	437	0.24	ug/l #	35
31) Cyclohexane	8.094	56	14842	1.92	ug/l #	49
36) 1,1-Dichloropropene	8.086	75	30189	5.29	ug/l #	51
38) Carbon Tetrachloride	8.088	117	28988	5.97	ug/l #	16
39) Methylcyclohexane	9.464	83	6044	0.92	ug/l #	90
53) t-1,3-Dichloropropene	10.851	75	24	2.01	ug/l #	1
55) 1,1,2-Trichloroethane	10.877	97	1177	0.31	ug/l #	14
71) Bromoform	12.731	173	802	2.97	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	140152	28.29	ug/l #	100
80) 1,3,5-Trimethylbenzene	13.224	105	4943	0.35	ug/l	74
81) trans-1,4-Dichloro-2-b...	12.733	75	140152	77.41	ug/l #	6
83) tert-Butylbenzene	13.323	119	5913	0.54	ug/l #	86
86) p-Isopropyltoluene	13.774	119	4847	0.39	ug/l	98
90) Hexachloroethane	14.281	117	37056	15.80	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.260	180	246	2.41	ug/l #	1
95) Naphthalene	15.512	128	1326	3.47	ug/l #	38
96) 1,2,3-Trichlorobenzene	15.708	180	406	2.67	ug/l #	62

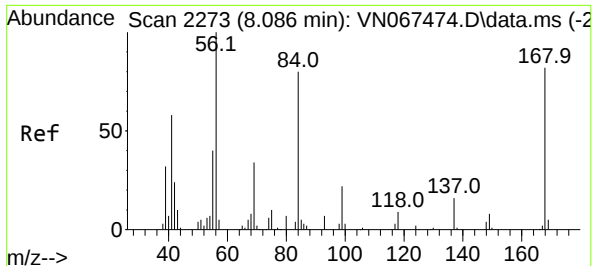
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067492.D
Acq On : 24 Jun 2021 18:56
Operator : JC/MD
Sample : M2828-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
LT-4

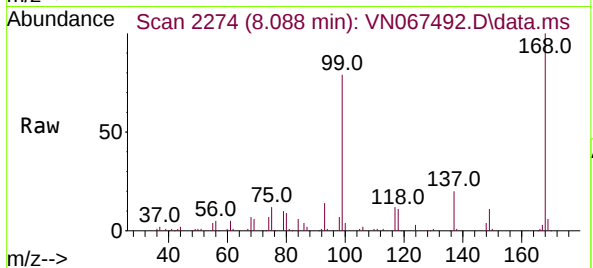
Quant Time: Jun 25 02:15:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration



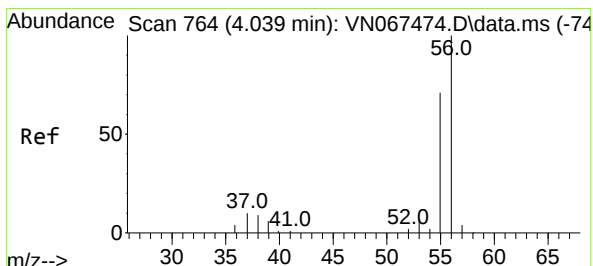
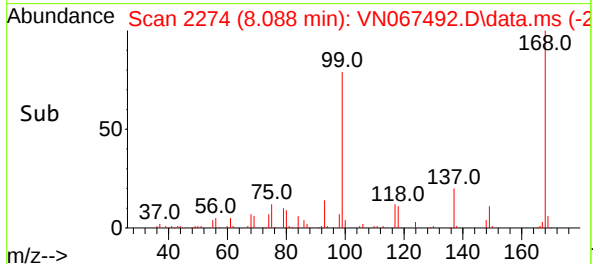
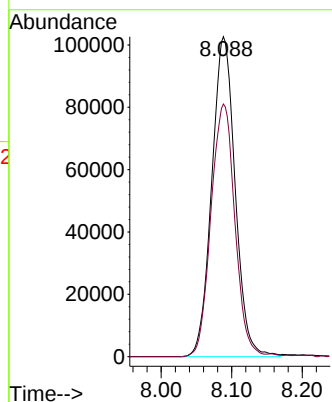


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Instrument :
MSVOA_N
ClientSampled :
LT-4

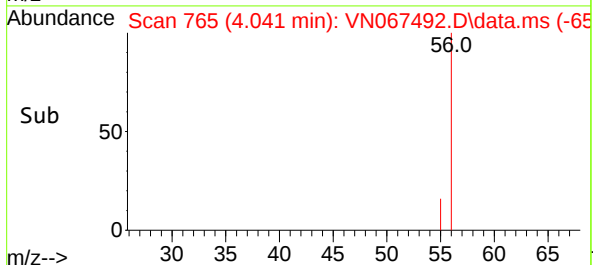
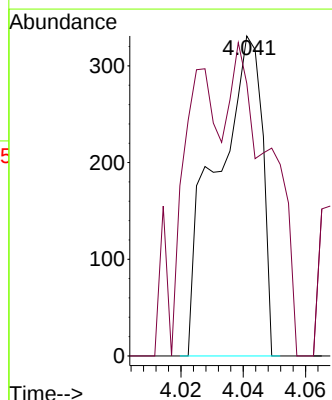
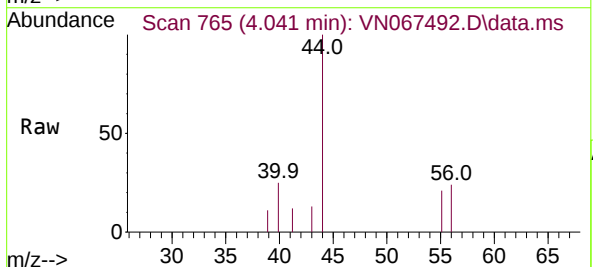


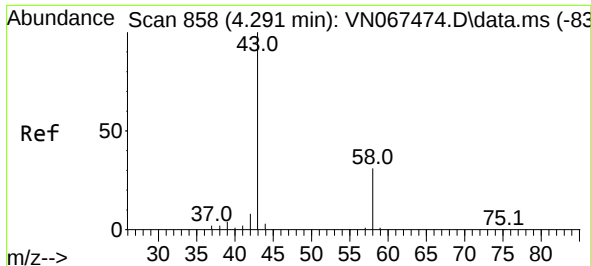
Tgt Ion:168 Resp: 236312
Ion Ratio Lower Upper
168 100
99 79.0 62.9 94.3



#13
Acrolein
Concen: 0.50 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 56 Resp: 339
Ion Ratio Lower Upper
56 100
55 88.2 57.4 86.0#

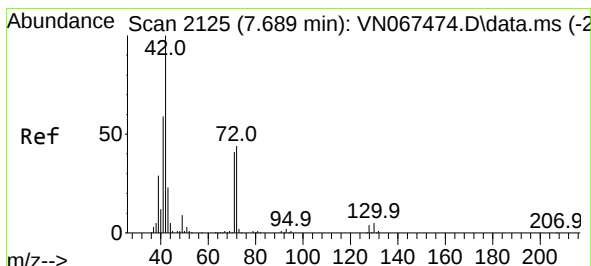
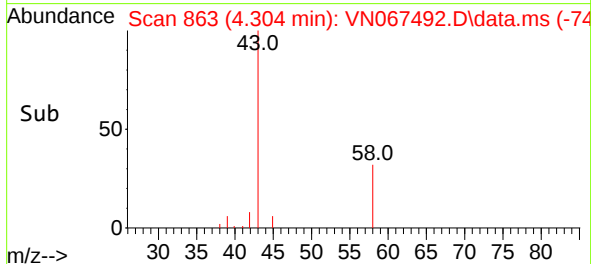
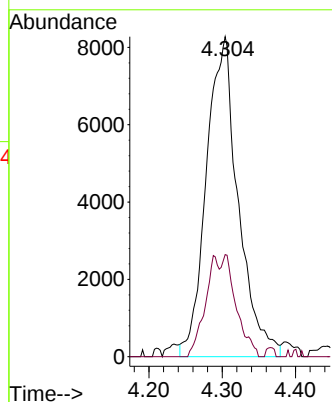
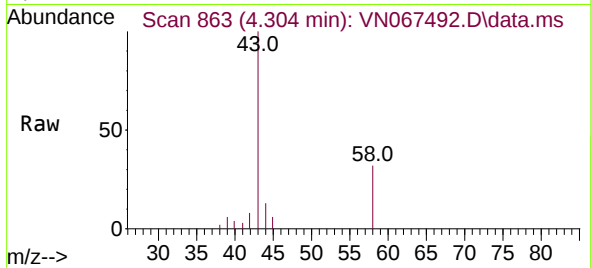




#16
Acetone
Concen: 13.49 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

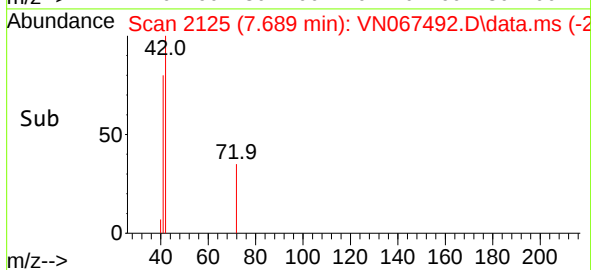
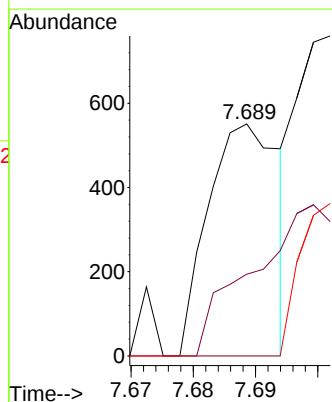
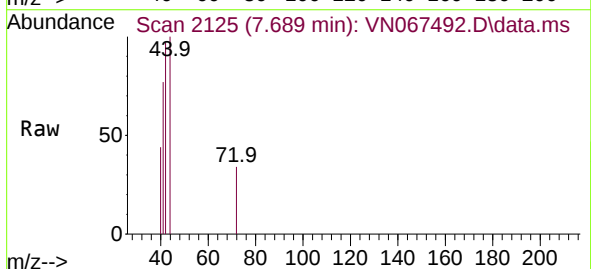
Instrument :
MSVOA_N
ClientSampled :
LT-4

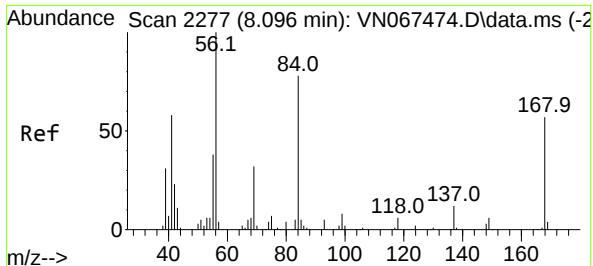
Tgt Ion: 43 Resp: 24978
Ion Ratio Lower Upper
43 100
58 33.1 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. -0.000 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 42 Resp: 437
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.2 46.8#

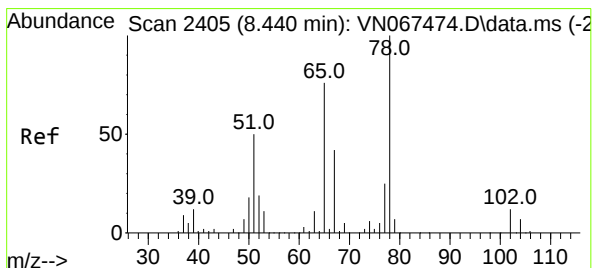
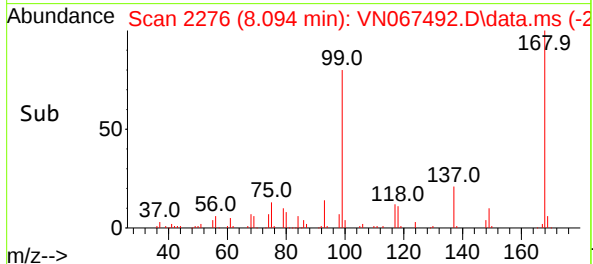
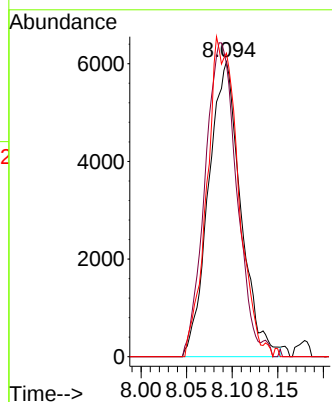
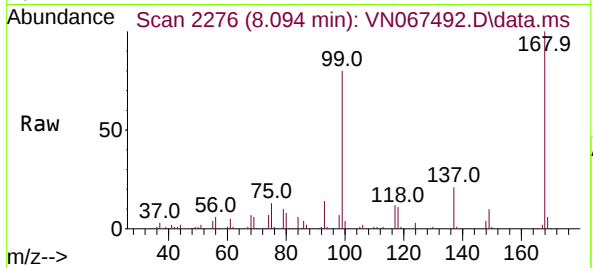




#31
Cyclohexane
Concen: 1.92 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.002 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

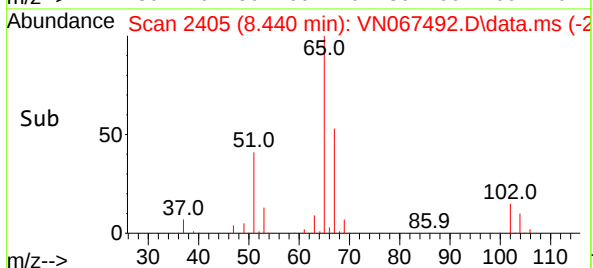
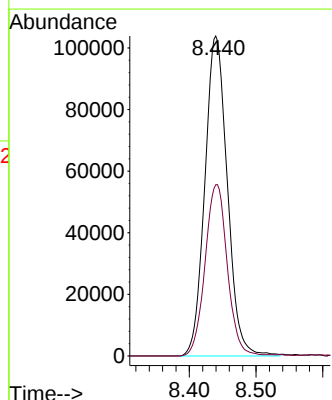
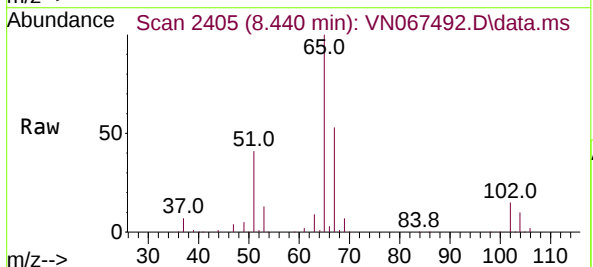
Instrument :
MSVOA_N
ClientSampleId :
LT-4

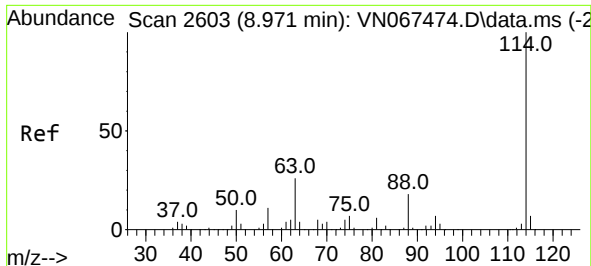
Tgt Ion: 56 Resp: 14842
Ion Ratio Lower Upper
56 100
69 99.4 27.3 40.9#
84 103.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.27 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 65 Resp: 243134
Ion Ratio Lower Upper
65 100
67 53.0 0.0 98.6

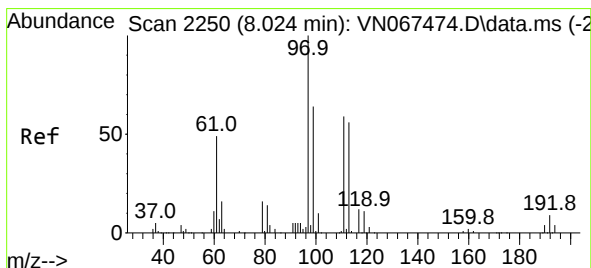
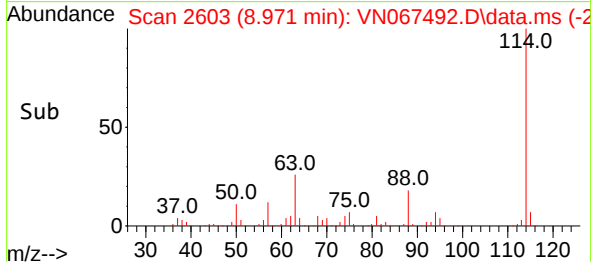
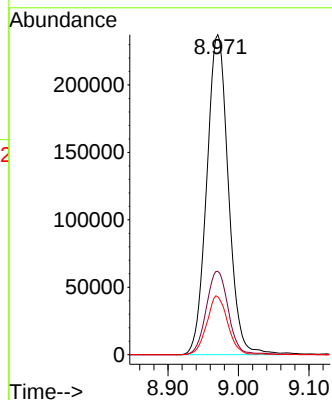
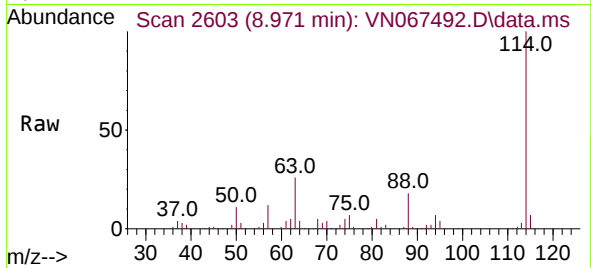




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

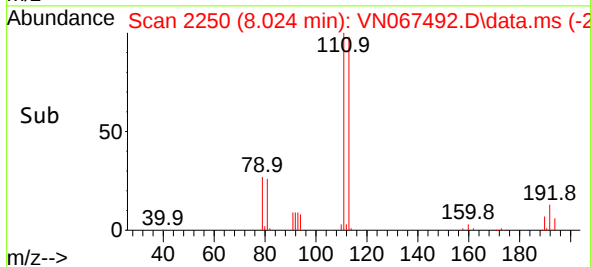
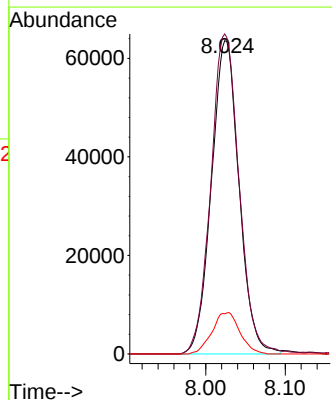
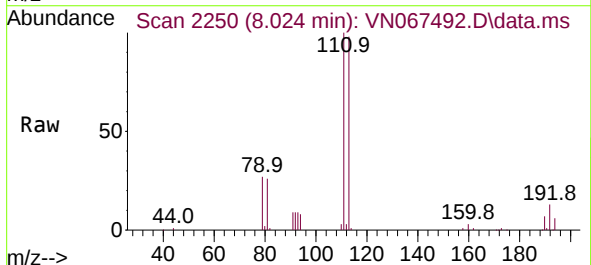
Instrument :
MSVOA_N
ClientSampled :
LT-4

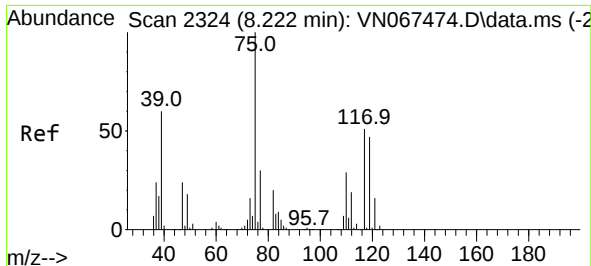
Tgt Ion:114 Resp: 506159
Ion Ratio Lower Upper
114 100
63 26.1 0.0 49.0
88 18.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.27 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion:113 Resp: 153628
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 13.4 13.4 20.0#

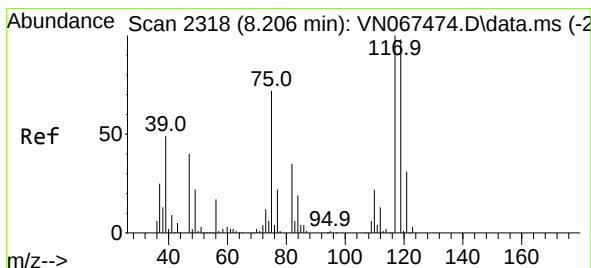
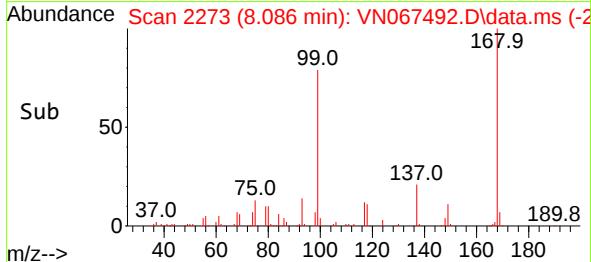
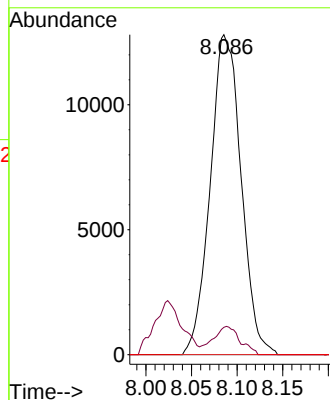
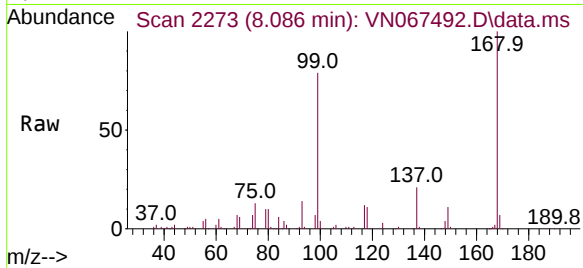




#36
1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

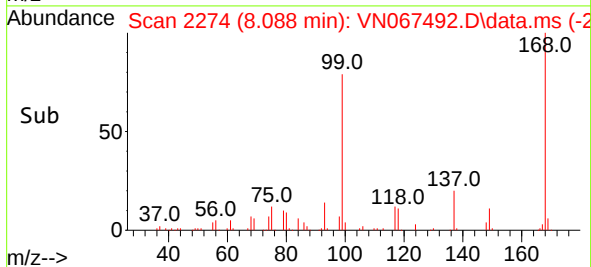
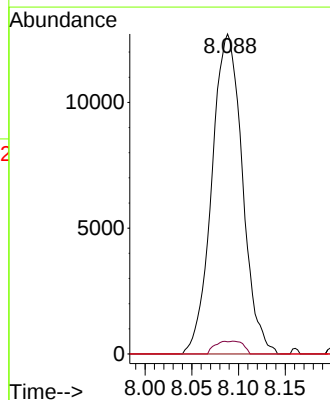
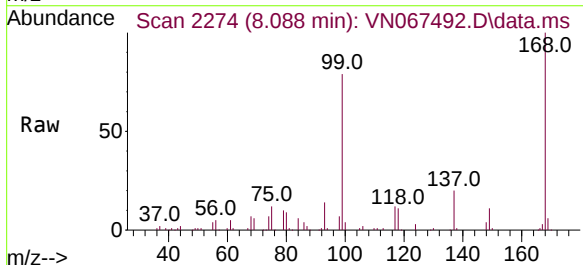
Instrument :
MSVOA_N
ClientSampled :
LT-4

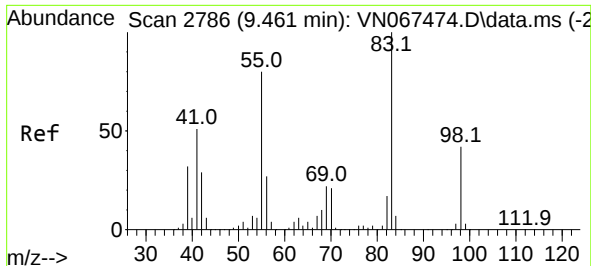
Tgt Ion: 75 Resp: 30189
Ion Ratio Lower Upper
75 100
110 7.6 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 117 Resp: 28988
Ion Ratio Lower Upper
117 100
119 3.8 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 0.92 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN067492.D

Acq: 24 Jun 2021 18:56

Tgt Ion: 83 Resp: 6044

Ion Ratio Lower Upper

83 100

55 77.5 66.6 99.8

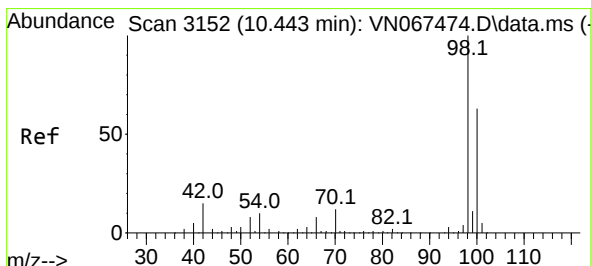
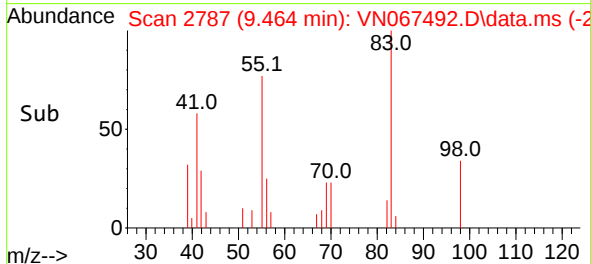
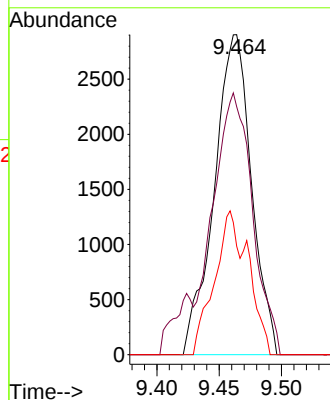
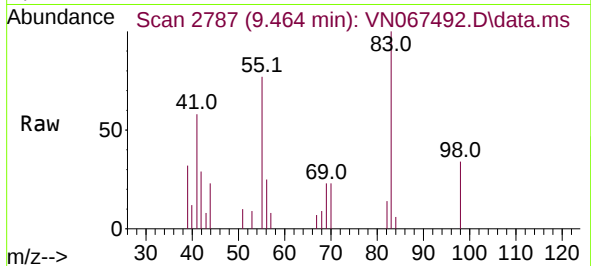
98 33.9 35.3 52.9#

Instrument :

MSVOA_N

ClientSampled :

LT-4



#50

Toluene-d8

Concen: 51.26 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN067492.D

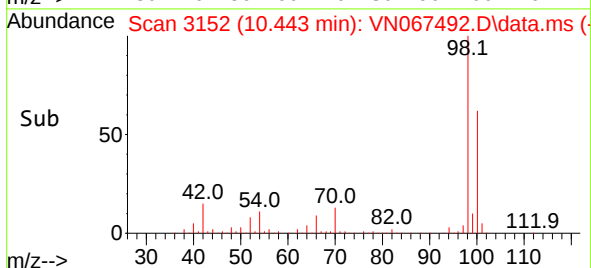
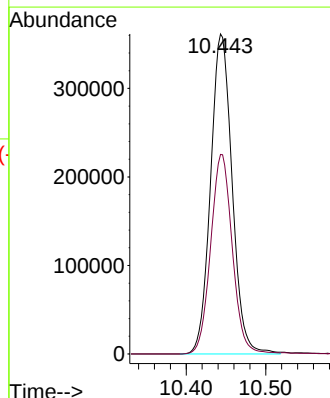
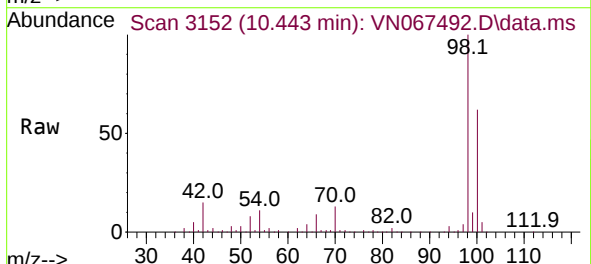
Acq: 24 Jun 2021 18:56

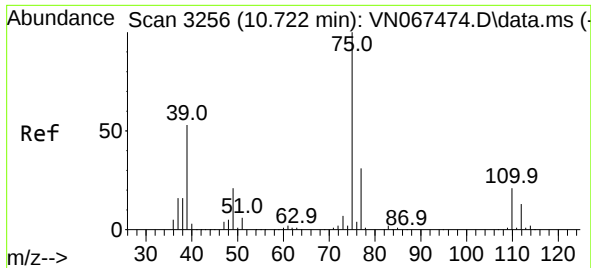
Tgt Ion: 98 Resp: 681714

Ion Ratio Lower Upper

98 100

100 62.5 51.7 77.5

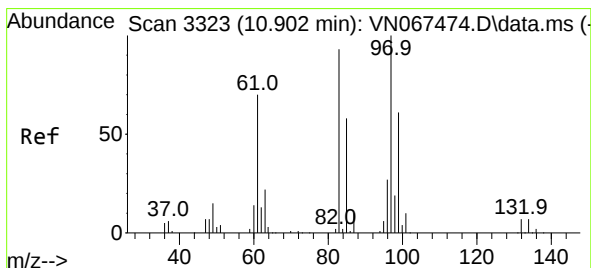
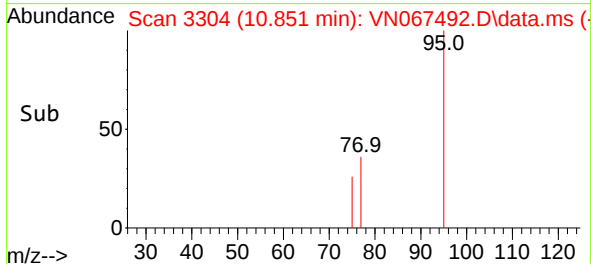
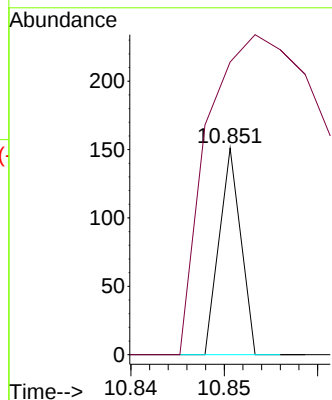
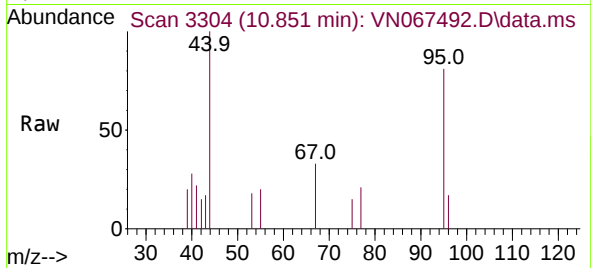




#53
t-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 10.851 min Scan# 3304
Delta R.T. 0.129 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

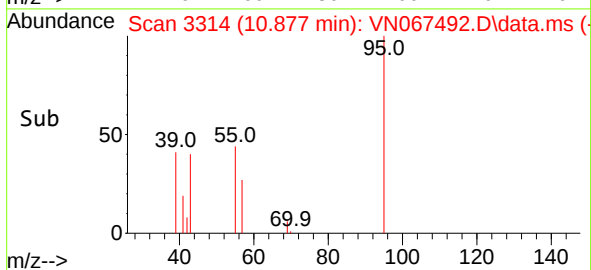
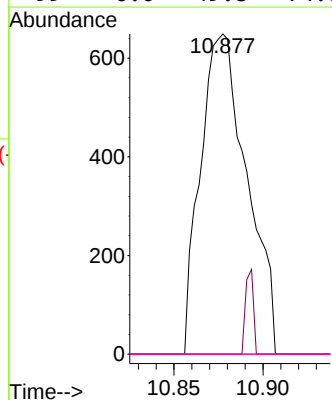
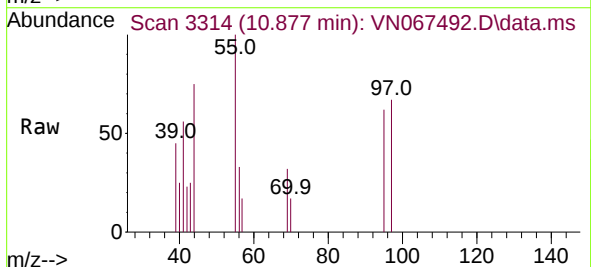
Instrument :
MSVOA_N
ClientSampled :
LT-4

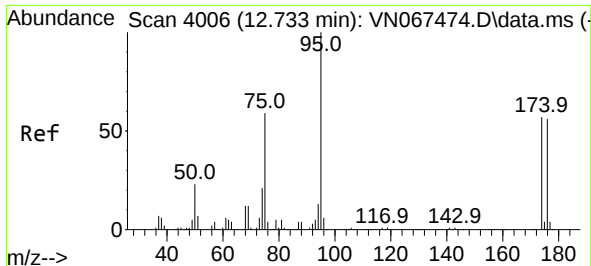
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 141.7 25.1 37.7#



#55
1,1,2-Trichloroethane
Concen: 0.31 ug/l
RT: 10.877 min Scan# 3314
Delta R.T. -0.025 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 97 Resp: 1177
Ion Ratio Lower Upper
97 100
83 0.0 72.0 108.0#
85 0.0 46.8 70.2#
99 0.0 49.8 74.6#

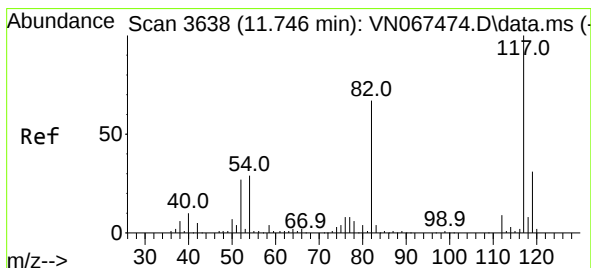
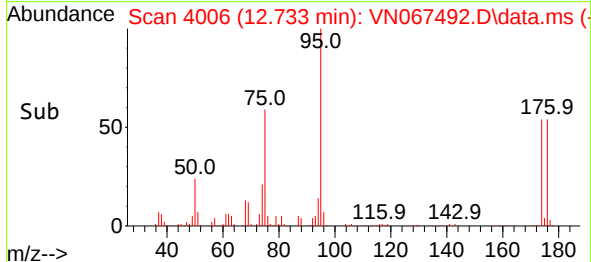
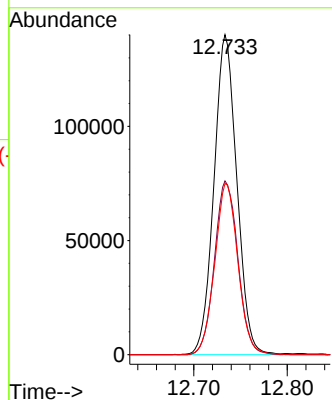
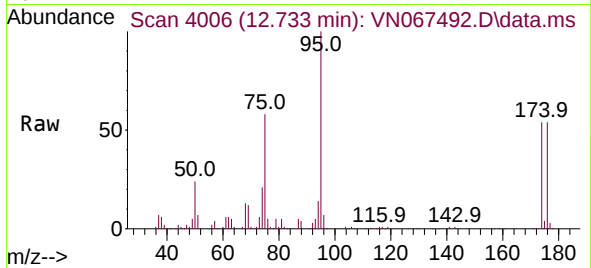




#62
4-Bromofluorobenzene
Concen: 50.42 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

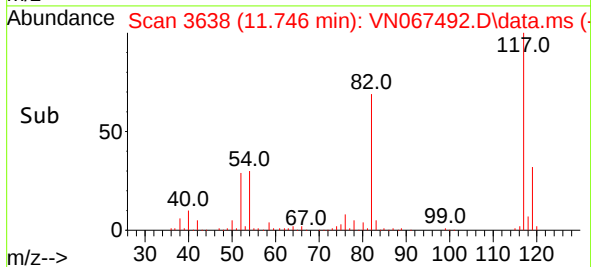
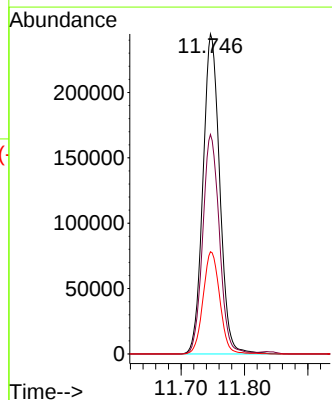
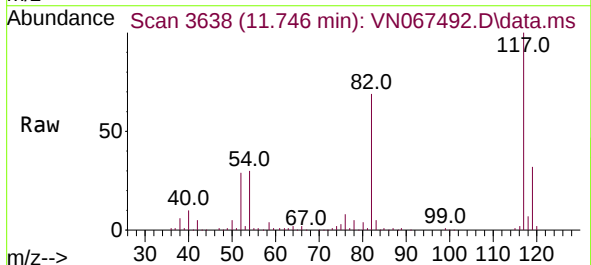
Instrument :
MSVOA_N
ClientSampled :
LT-4

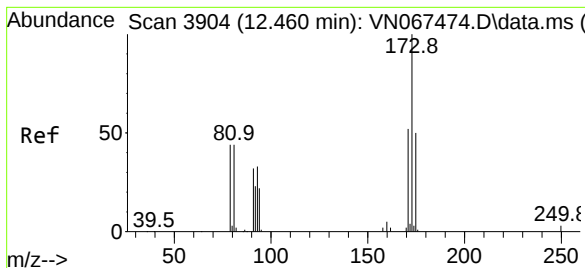
Tgt Ion: 95 Resp: 238919
Ion Ratio Lower Upper
95 100
174 55.7 0.0 122.0
176 54.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion: 117 Resp: 449766
Ion Ratio Lower Upper
117 100
82 68.6 53.1 79.7
119 32.0 25.5 38.3

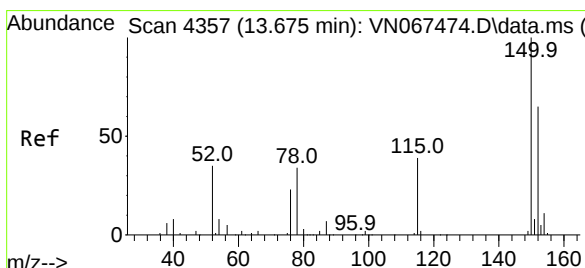
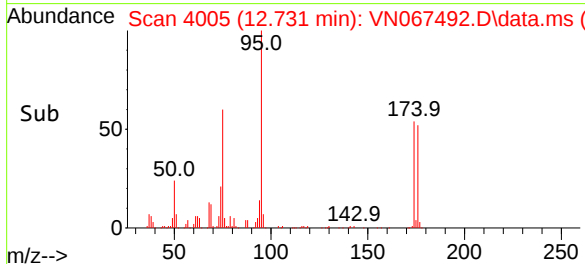
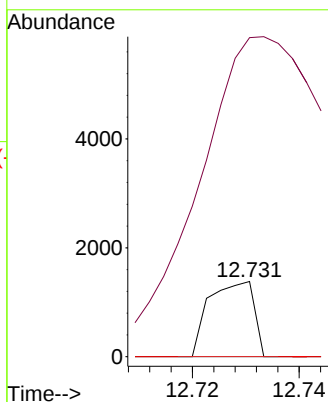
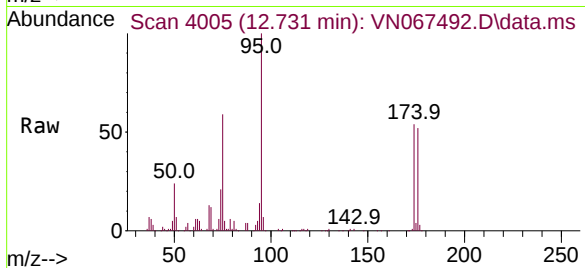




#71
Bromoform
Concen: 2.97 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

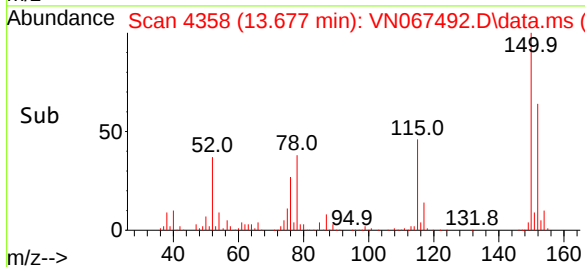
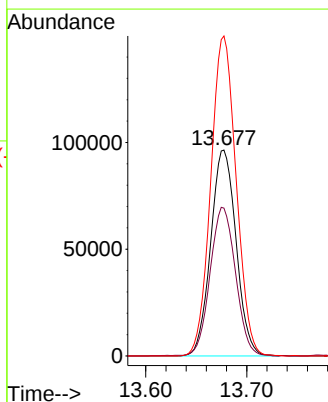
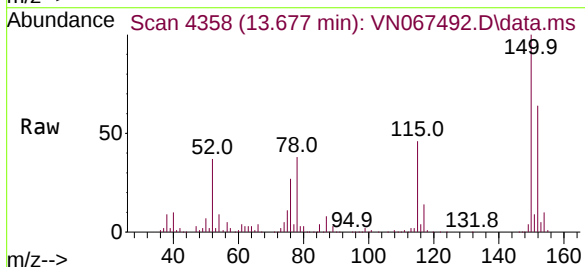
Instrument :
MSVOA_N
ClientSampled :
LT-4

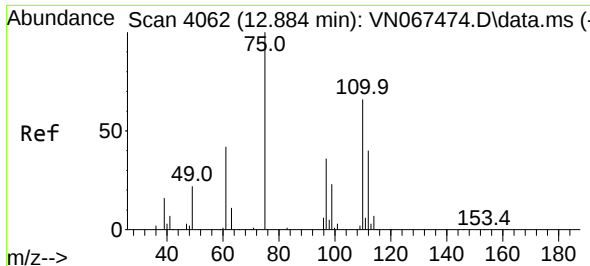
Tgt Ion:173 Resp: 802
Ion Ratio Lower Upper
173 100
175 1233.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion:152 Resp: 168333
Ion Ratio Lower Upper
152 100
115 72.6 36.1 108.5
150 155.3 0.0 351.8

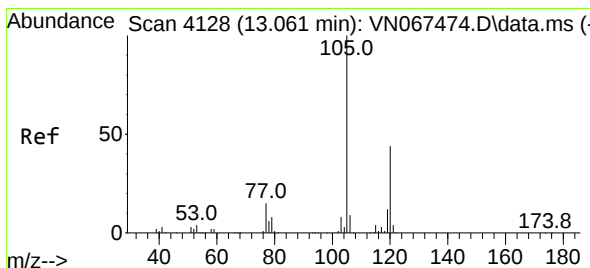
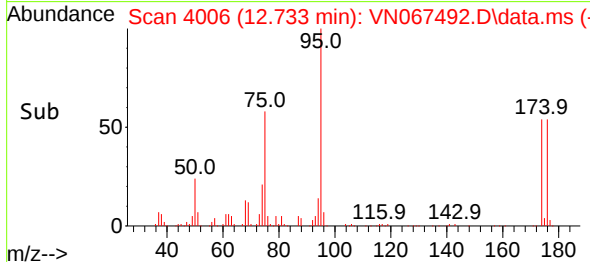
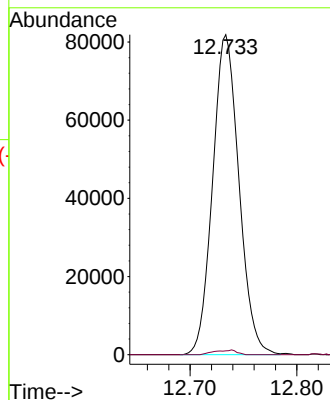
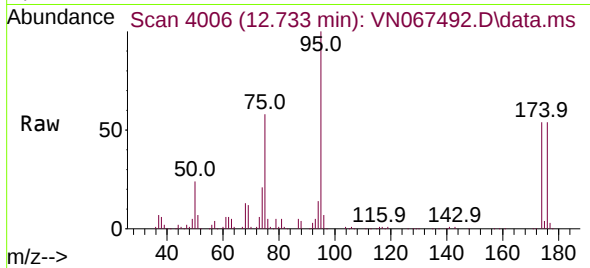




#76
1,2,3-Trichloropropane
Concen: 28.29 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

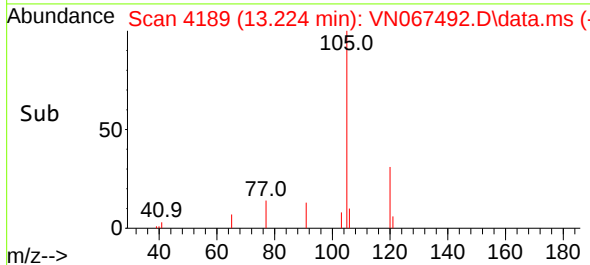
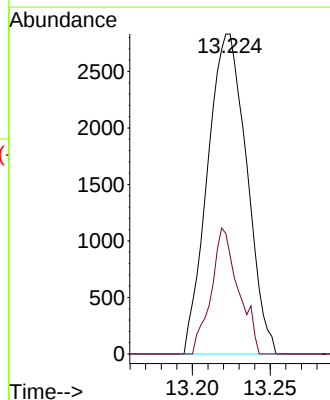
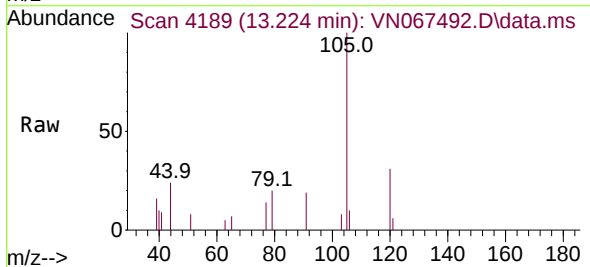
Instrument :
MSVOA_N
ClientSampled :
LT-4

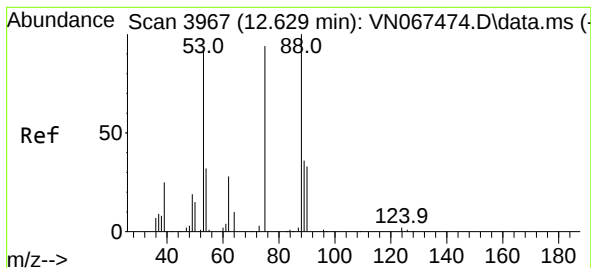
Tgt Ion: 75 Resp: 140152
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.35 ug/l
RT: 13.224 min Scan# 4189
Delta R.T. 0.163 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion:105 Resp: 4943
Ion Ratio Lower Upper
105 100
120 27.4 22.2 66.6

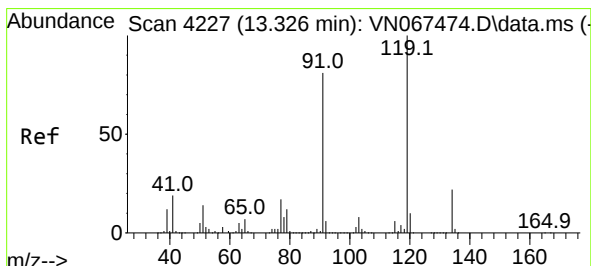
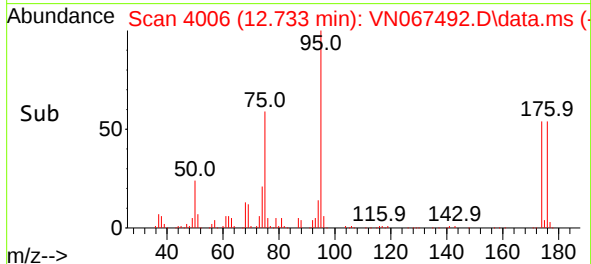
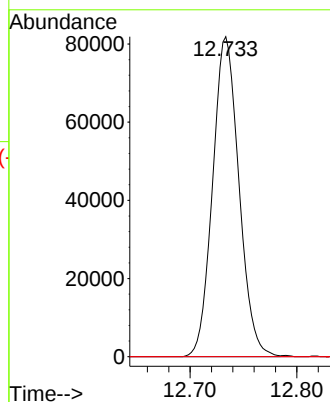
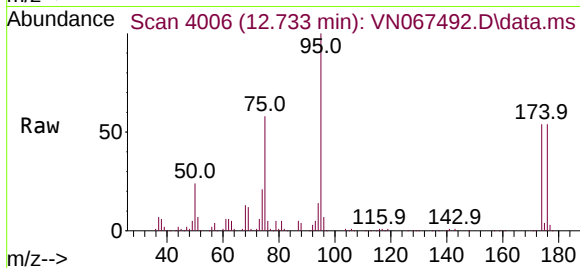




#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.41 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.104 min
 Lab File: VN067492.D
 Acq: 24 Jun 2021 18:56

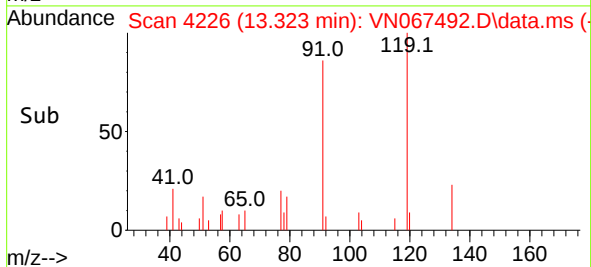
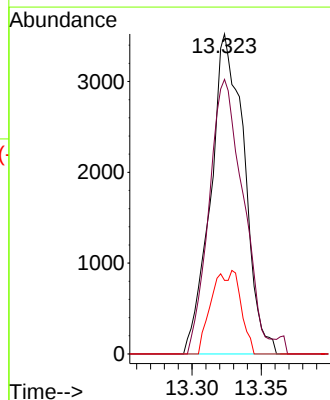
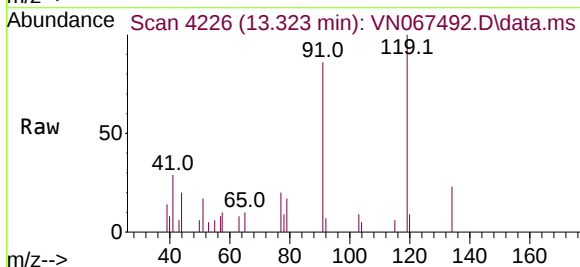
Instrument :
 MSVOA_N
 ClientSampled :
 LT-4

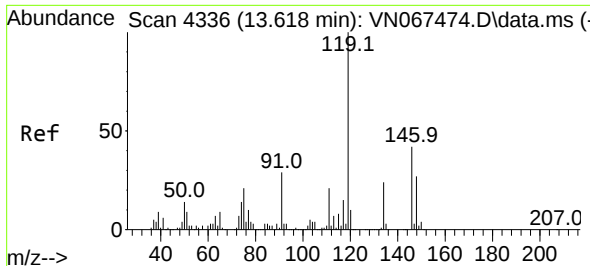
Tgt Ion: 75 Resp: 140152
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.6 131.4#
 89 0.0 37.8 56.8#



#83
 tert-Butylbenzene
 Concen: 0.54 ug/l
 RT: 13.323 min Scan# 4226
 Delta R.T. -0.003 min
 Lab File: VN067492.D
 Acq: 24 Jun 2021 18:56

Tgt Ion: 119 Resp: 5913
 Ion Ratio Lower Upper
 119 100
 91 88.2 39.5 118.5
 134 11.7 12.0 36.0#

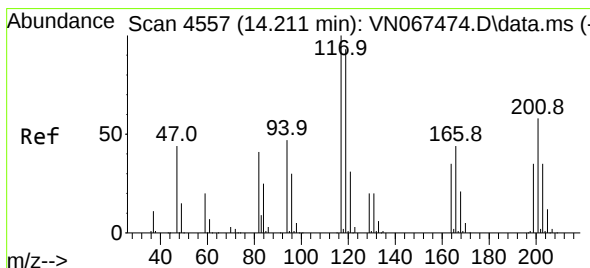
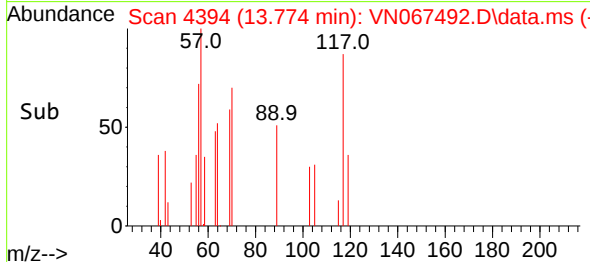
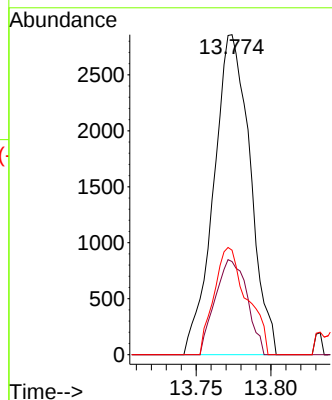
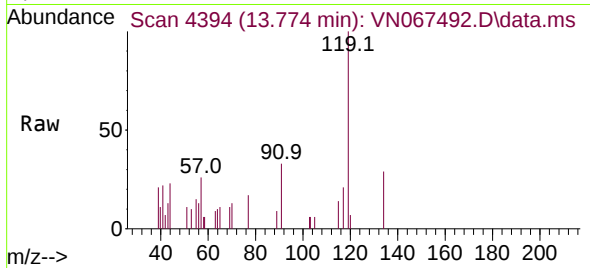




#86
p-Isopropyltoluene
Concen: 0.39 ug/l
RT: 13.774 min Scan# 4394
Delta R.T. 0.156 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

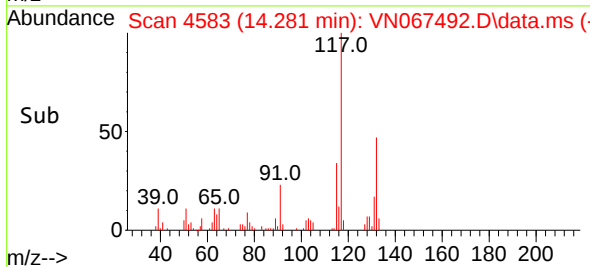
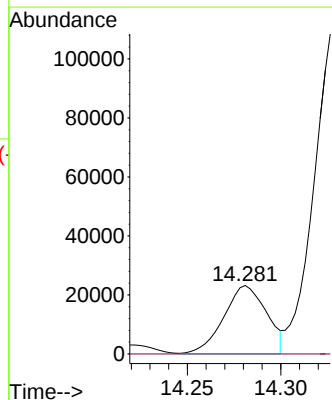
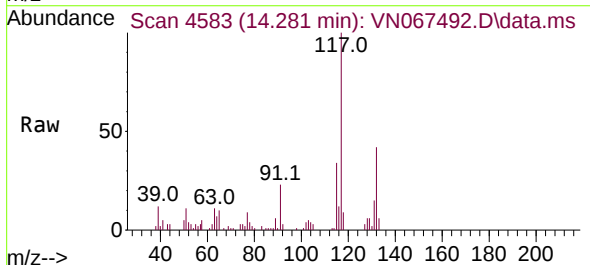
Instrument :
MSVOA_N
ClientSampled :
LT-4

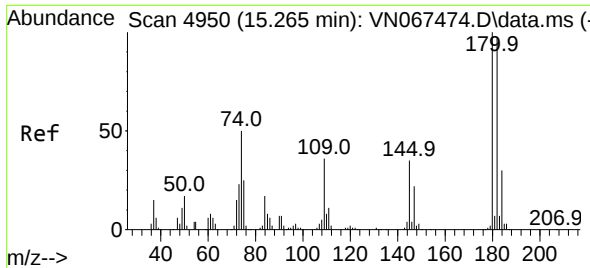
Tgt Ion:119 Resp: 4847
Ion Ratio Lower Upper
119 100
134 26.0 12.4 37.4
91 30.3 14.8 44.3



#90
Hexachloroethane
Concen: 15.80 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.070 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

Tgt Ion:117 Resp: 37056
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#

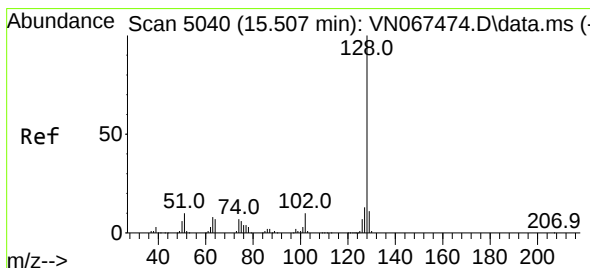
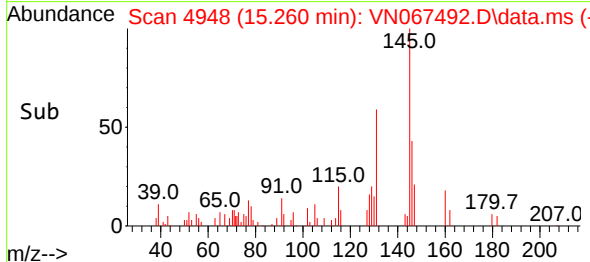
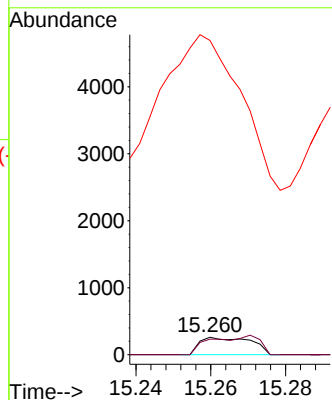
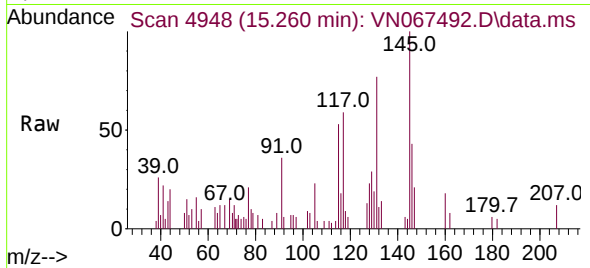




#93
1,2,4-Trichlorobenzene
Concen: 2.41 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

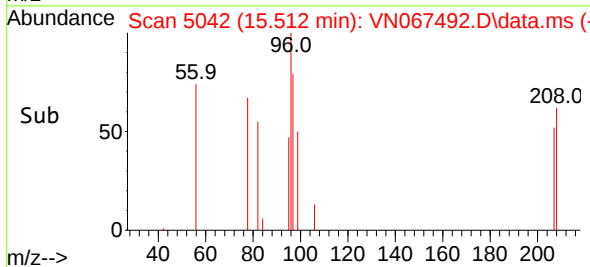
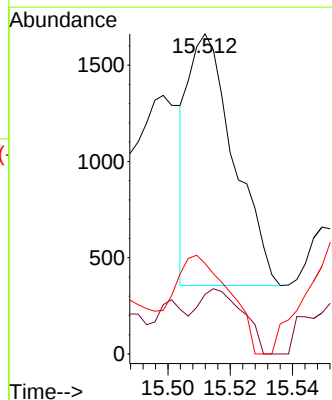
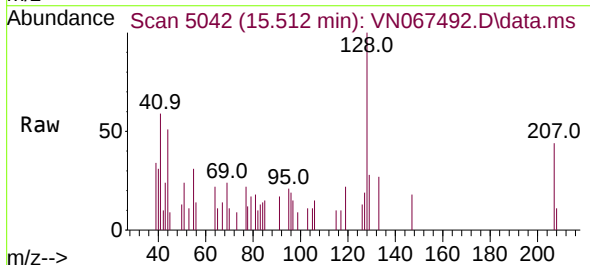
Instrument :
MSVOA_N
ClientSampled :
LT-4

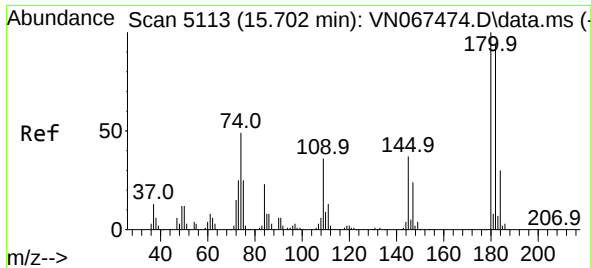
Tgt Ion:180 Resp: 246
Ion Ratio Lower Upper
180 100
182 106.1 47.5 142.5
145 4935.0 17.2 51.6#



#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067492.D
Acq: 24 Jun 2021 18:56

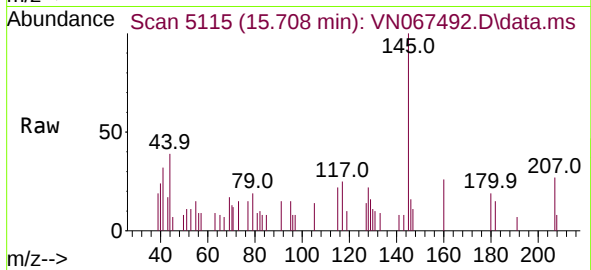
Tgt Ion:128 Resp: 1326
Ion Ratio Lower Upper
128 100
127 25.3 10.6 15.8#
129 48.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.67 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN067492.D
 Acq: 24 Jun 2021 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 LT-4



Tgt Ion:	180	Resp:	406
Ion	Ratio	Lower	Upper
180	100		
182	124.1	47.8	143.3
145	0.0	18.2	54.6#

