

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069725.D
 Acq On : 3 Dec 2021 18:12
 Operator : JC/MD
 Sample : M4922-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 05:34:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

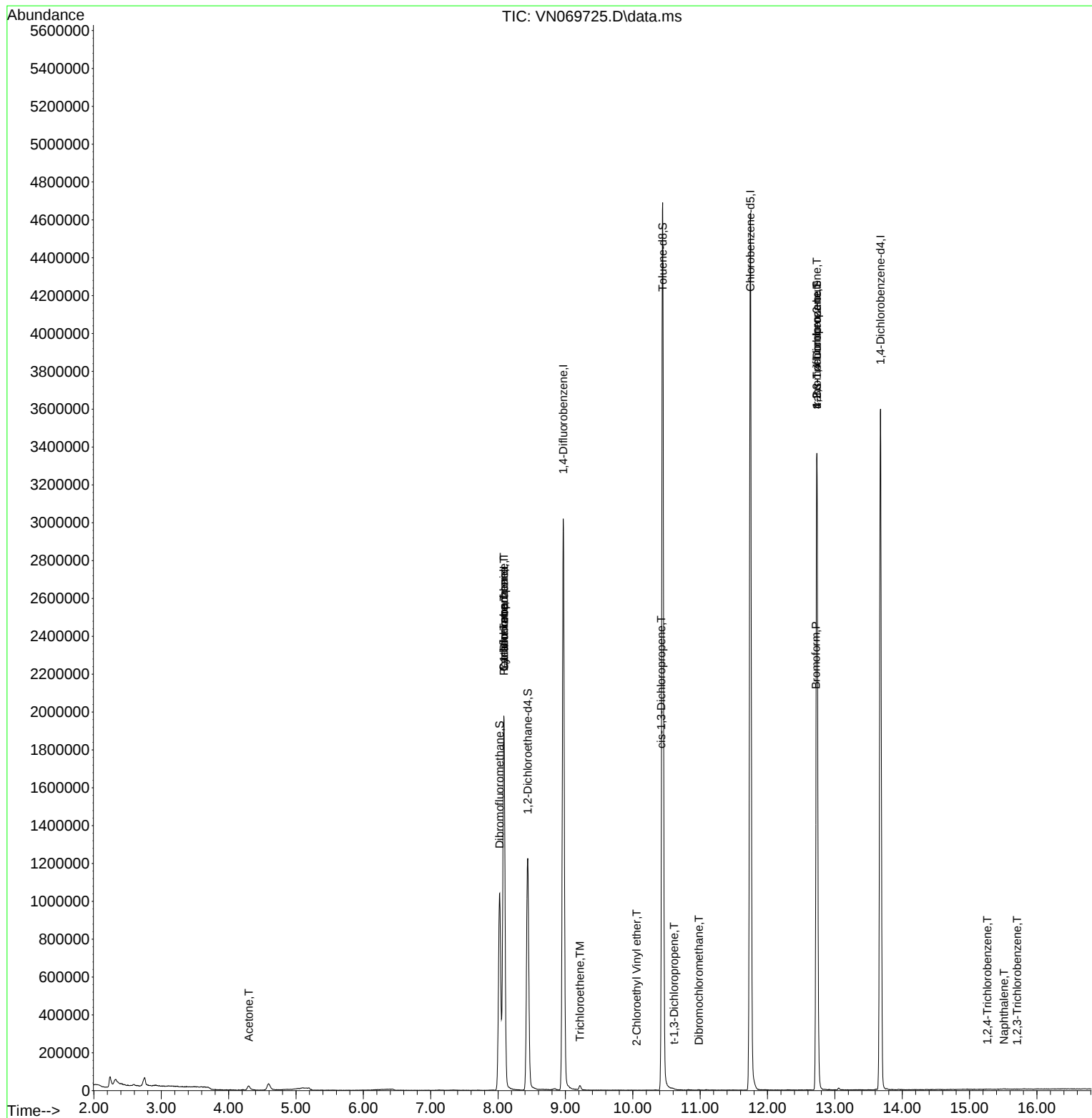
Internal Standards						
1) Pentafluorobenzene	8.088	168	1460348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2536163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2573040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	958660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1086798	48.200	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.400%
35) Dibromofluoromethane	8.024	113	752579	47.374	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.740%
50) Toluene-d8	10.443	98	3220860	50.494	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.733	95	1179202	51.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.060%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	40794	3.008	ug/l	95
31) Cyclohexane	8.086	56	38515	1.227	ug/l #	28
36) 1,1-Dichloropropene	8.086	75	124350	5.150	ug/l #	49
38) Carbon Tetrachloride	8.086	117	148408	6.268	ug/l #	17
44) Trichloroethene	9.215	130	7288	0.414	ug/l	98
53) t-1,3-Dichloropropene	10.615	75	24	2.795	ug/l #	46
54) cis-1,3-Dichloropropene	10.424	75	29	2.000	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.057	63	52	18.394	ug/l #	45
60) Dibromochloromethane	10.982	129	505	2.401	ug/l #	11
71) Bromoform	12.720	173	2240	2.866	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	671123	24.411	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	671123	77.467	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	231	2.892	ug/l #	36
95) Naphthalene	15.509	128	2282	4.030	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.705	180	119	2.443	ug/l #	21

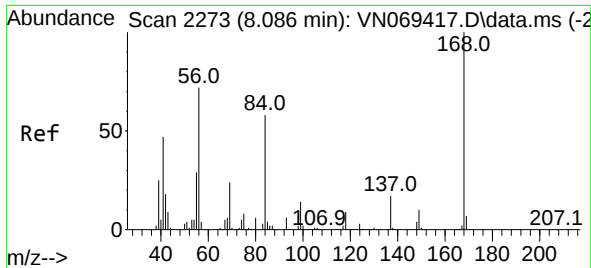
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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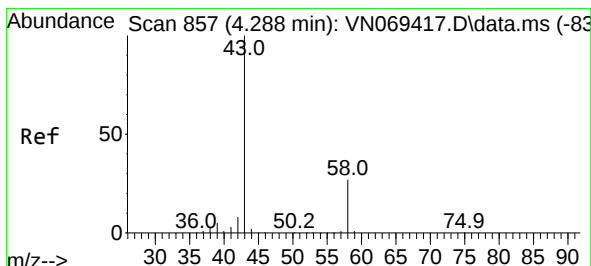
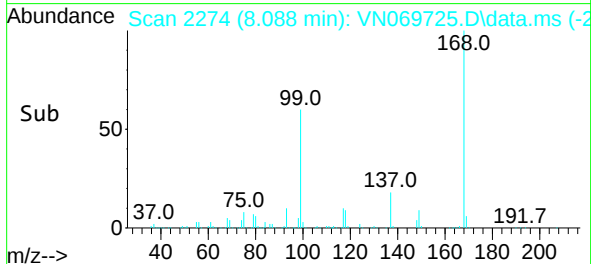
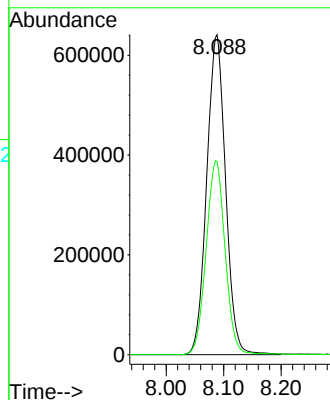
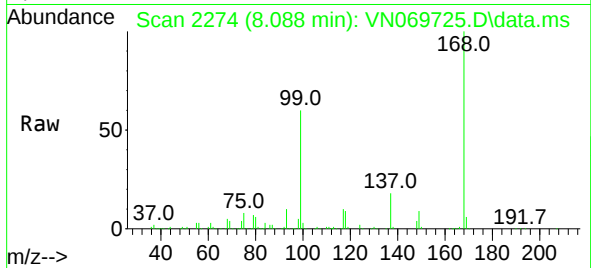




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

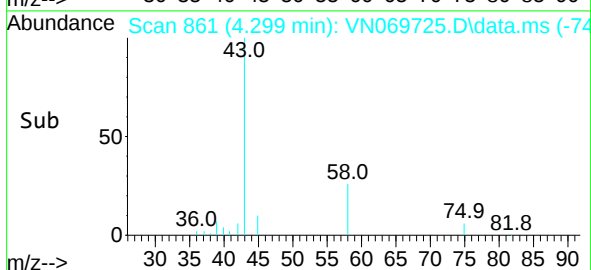
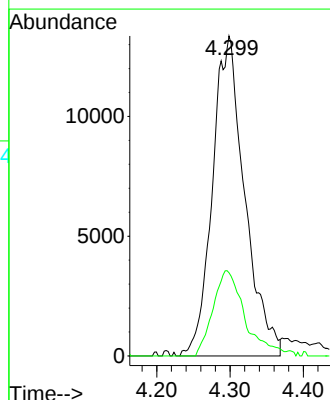
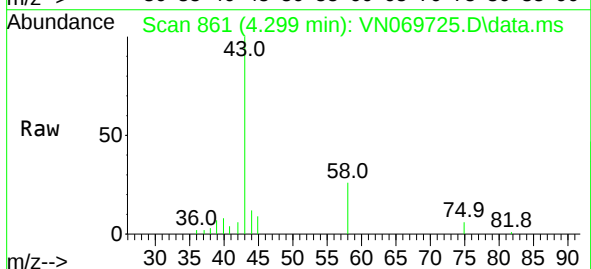
Instrument :
MSVOA_N
ClientSampleId :

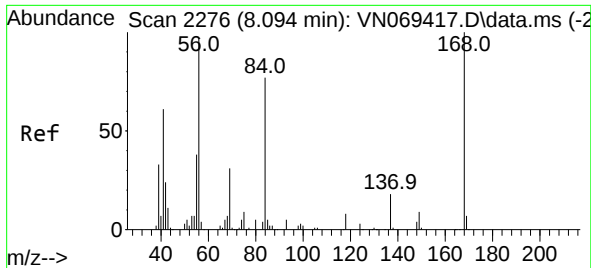
Tgt Ion:168 Resp: 1460348
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#16
Acetone
Concen: 3.008 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

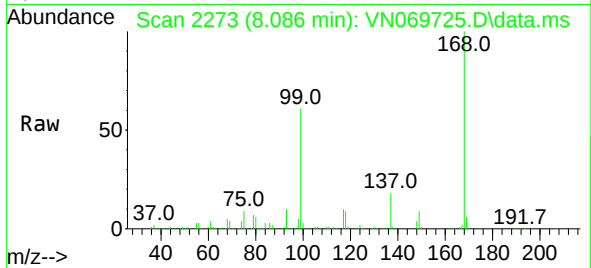
Tgt Ion: 43 Resp: 40794
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7



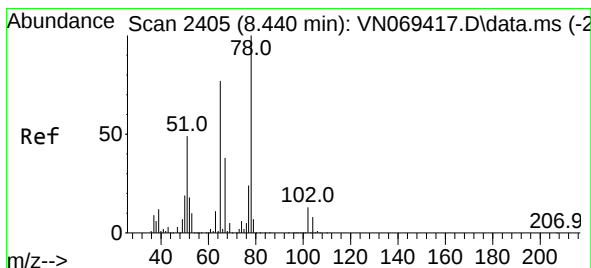
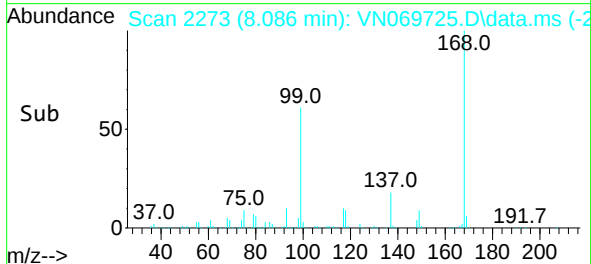
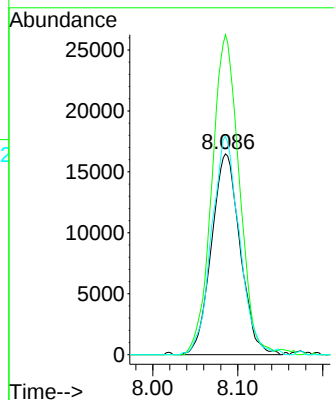


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Instrument :
MSVOA_N
ClientSampleId :

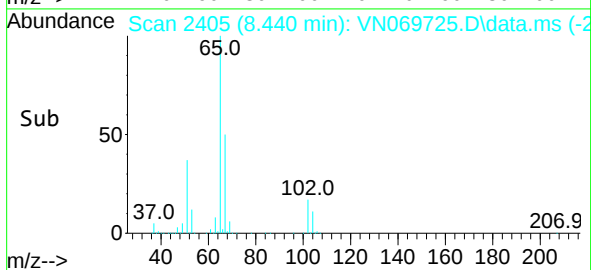
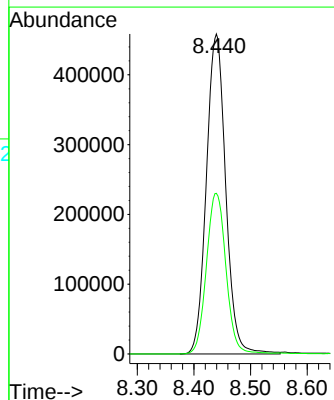
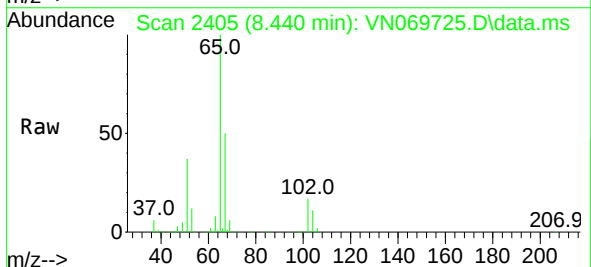


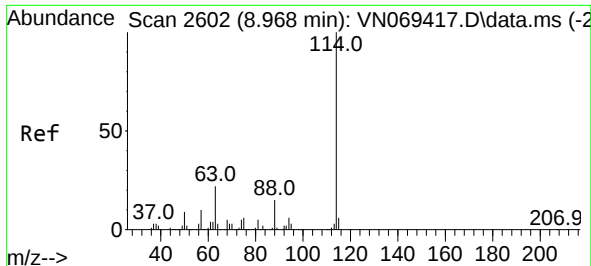
Tgt Ion: 56 Resp: 38515
Ion Ratio Lower Upper
56 100
69 159.4 27.1 40.7#
84 108.6 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 48.200 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

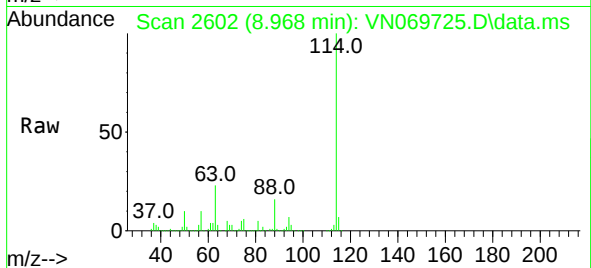
Tgt Ion: 65 Resp: 1086798
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



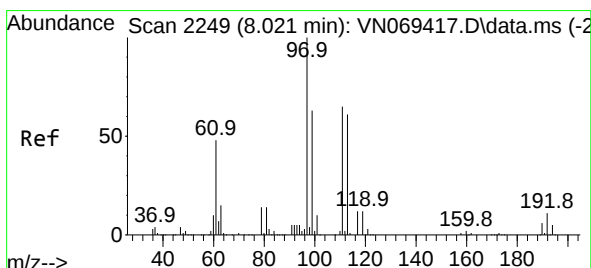
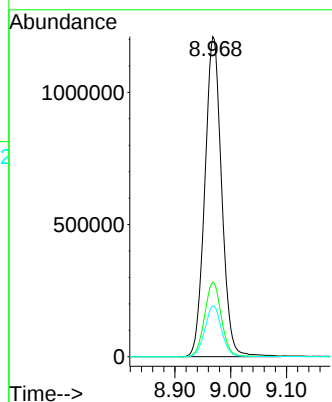
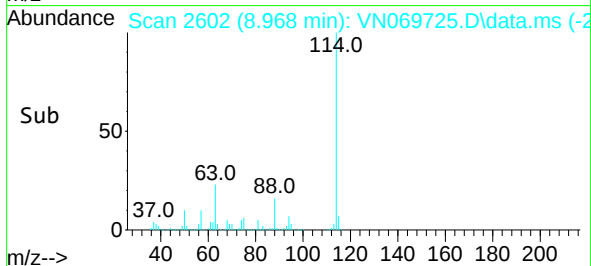


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Instrument :
MSVOA_N
ClientSampleId :

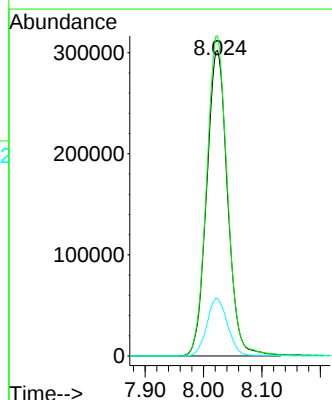
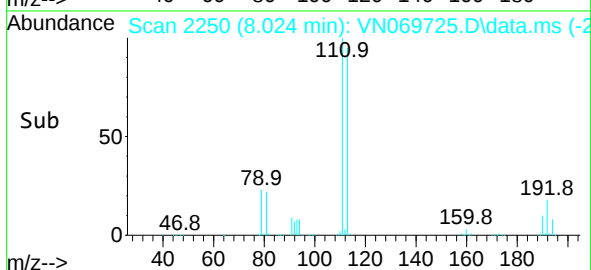
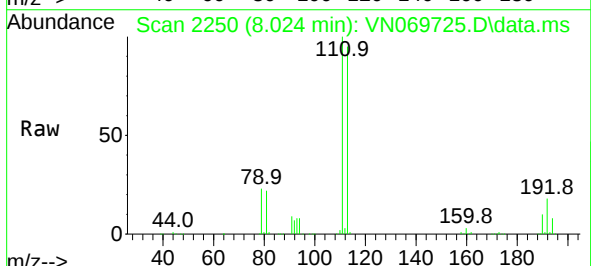


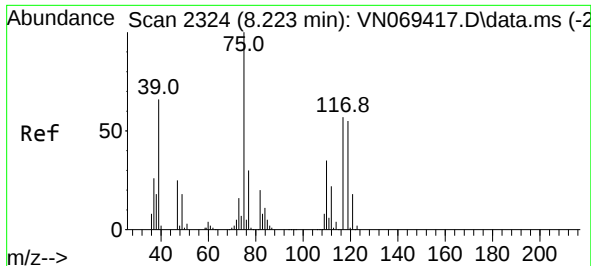
Tgt Ion:114 Resp: 2536163
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.374 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

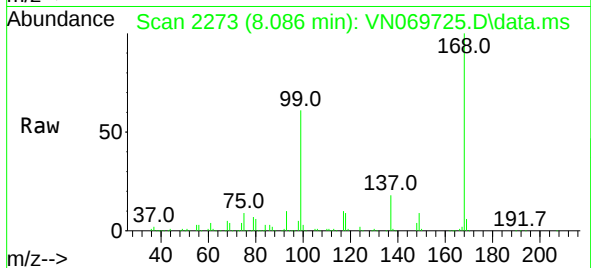
Tgt Ion:113 Resp: 752579
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.8 16.9 25.3



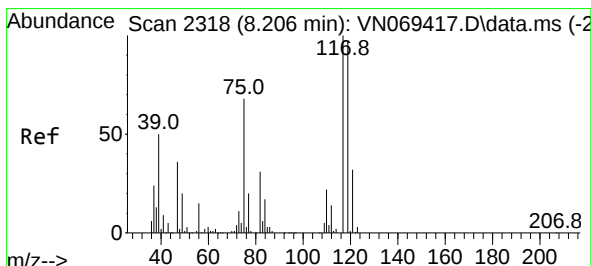
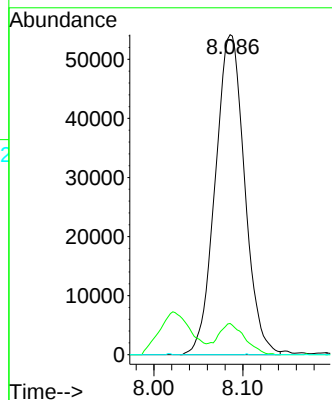
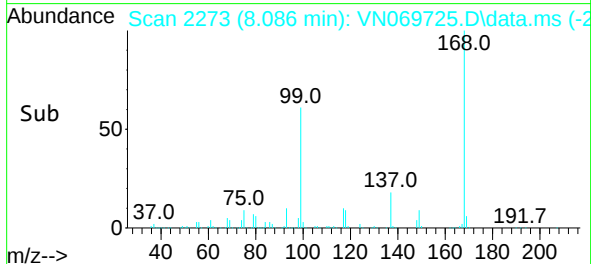


#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

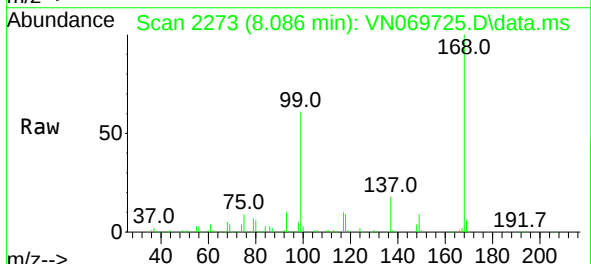
Instrument :
MSVOA_N
ClientSampleId :



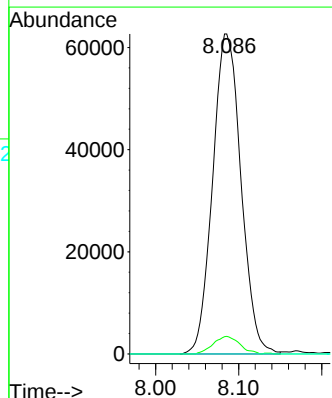
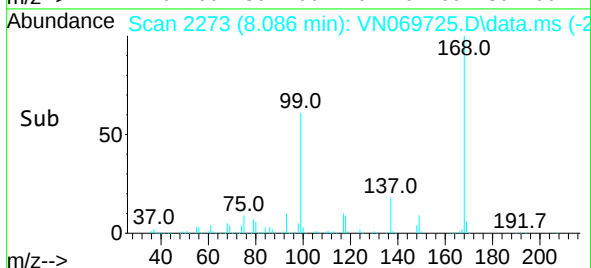
Tgt Ion: 75 Resp: 124350
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#

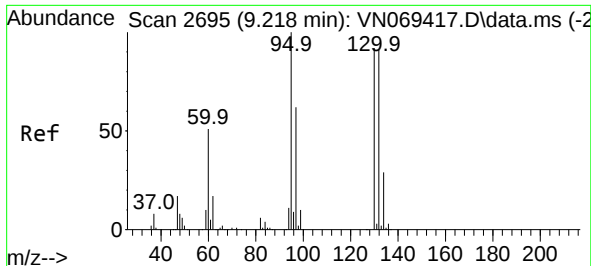


#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12



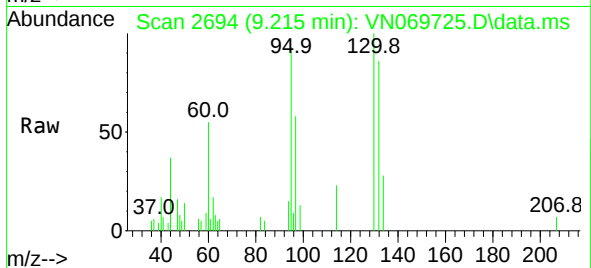
Tgt Ion: 117 Resp: 148408
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.2 36.2#



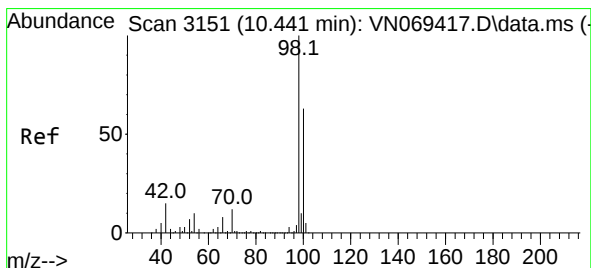
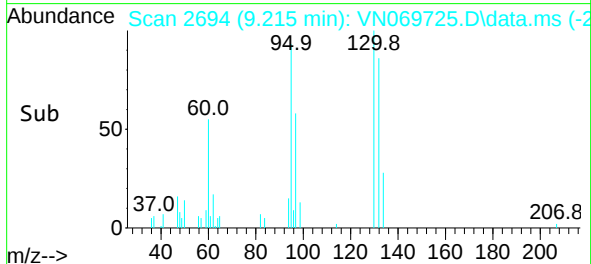
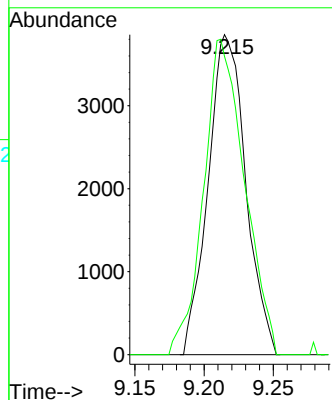


#44
Trichloroethene
Concen: 0.414 ug/l
RT: 9.215 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Instrument :
MSVOA_N
ClientSampleId :

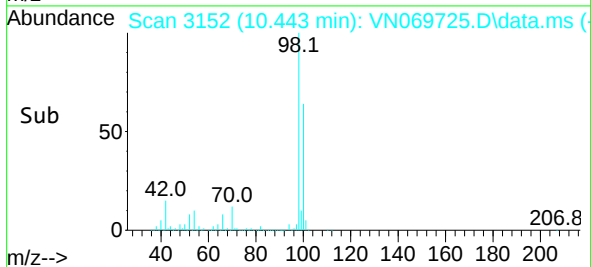
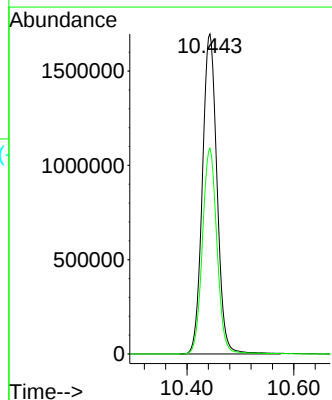
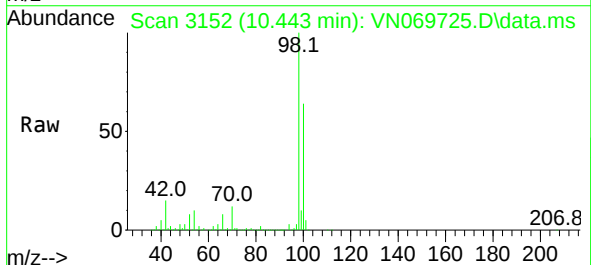


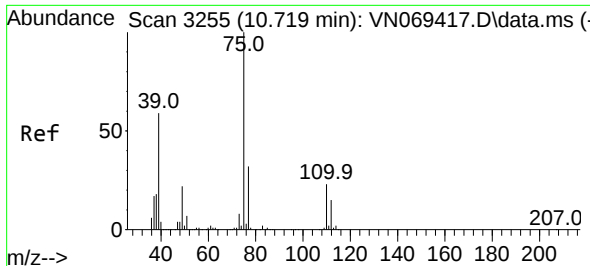
Tgt Ion:130 Resp: 7288
Ion Ratio Lower Upper
130 100
95 93.2 0.0 191.2



#50
Toluene-d8
Concen: 50.494 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

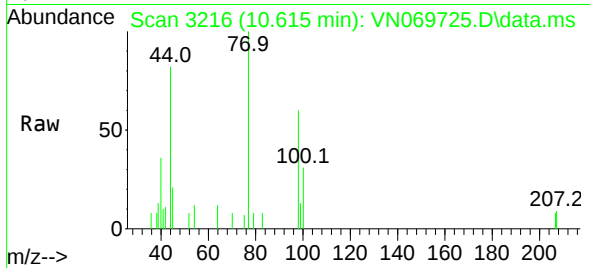
Tgt Ion: 98 Resp: 3220860
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



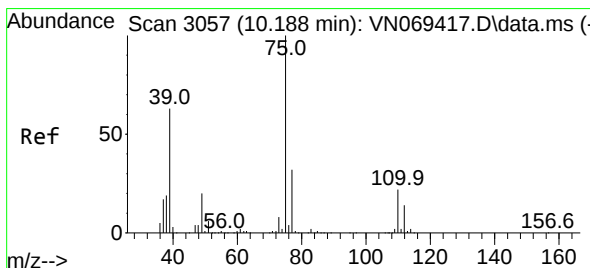
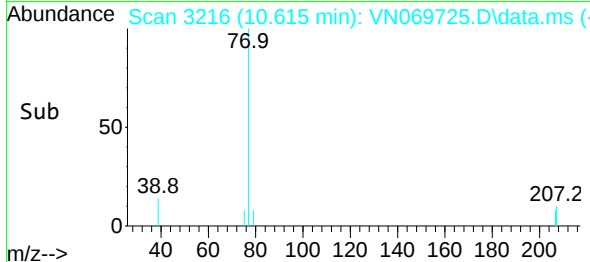
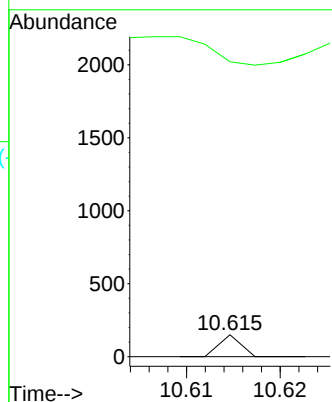


#53
t-1,3-Dichloropropene
Concen: 2.795 ug/l
RT: 10.615 min Scan# 3145
Delta R.T. -0.104 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

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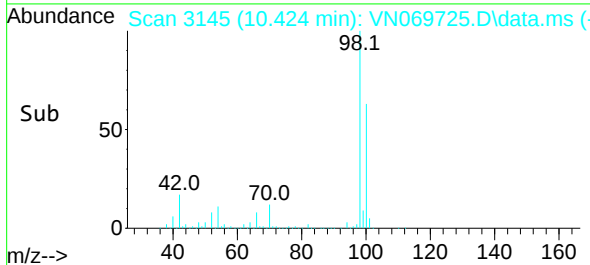
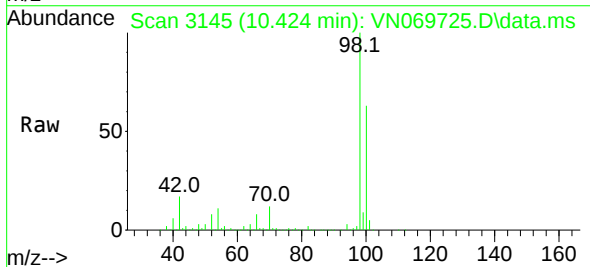
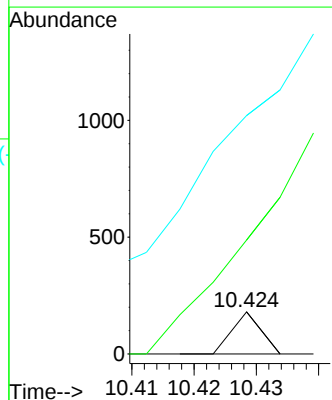


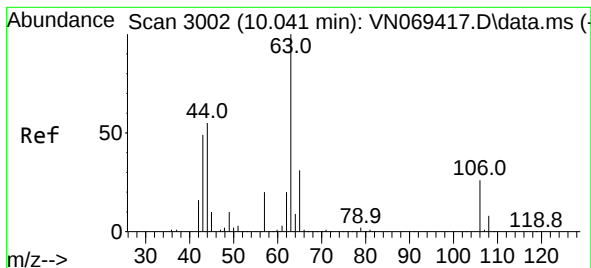
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 2.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.000 ug/l
RT: 10.424 min Scan# 3145
Delta R.T. 0.233 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 177.8 26.4 39.6#
39 222.8 42.5 63.7#

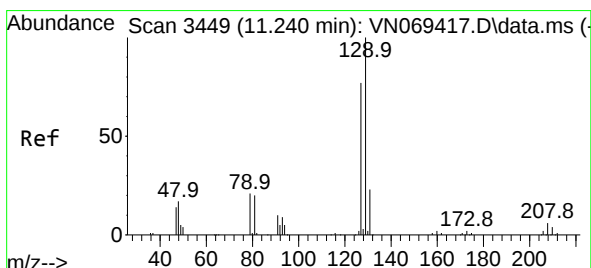
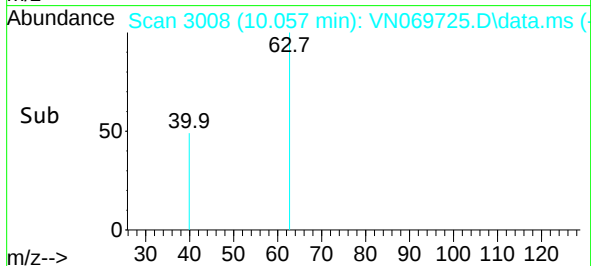
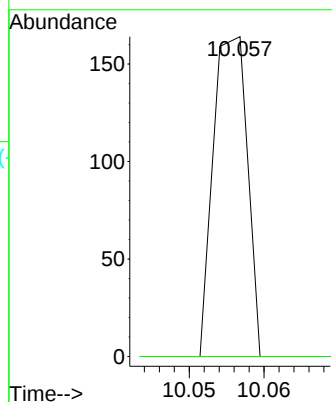
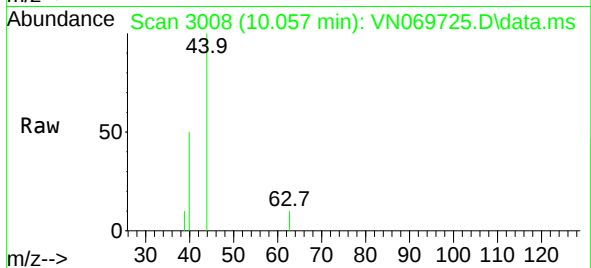




#58
2-Chloroethyl Vinyl ether
Concen: 18.394 ug/l
RT: 10.057 min Scan# 3008
Delta R.T. 0.014 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

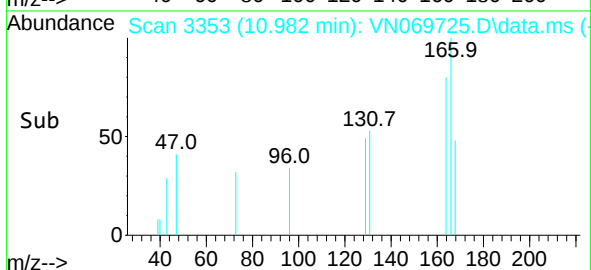
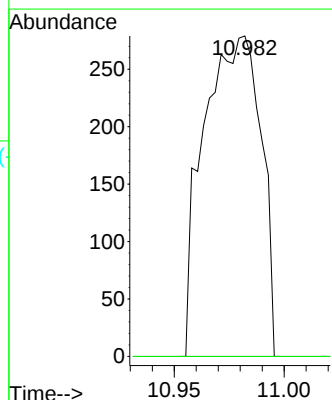
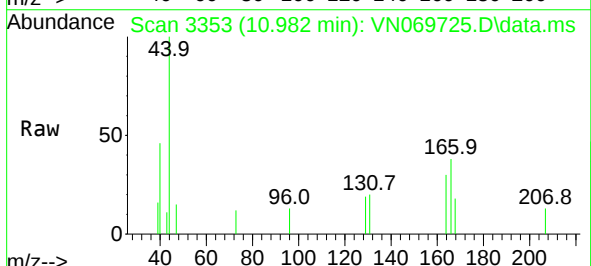
Instrument :
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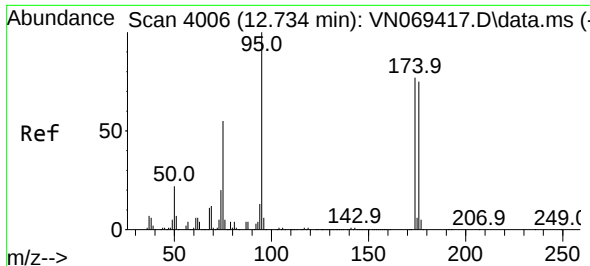
Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#60
Dibromochloromethane
Concen: 2.401 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Tgt Ion:129 Resp: 505
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

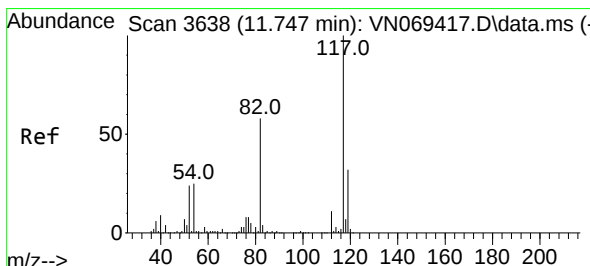
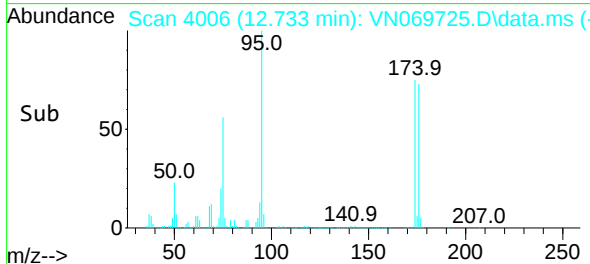
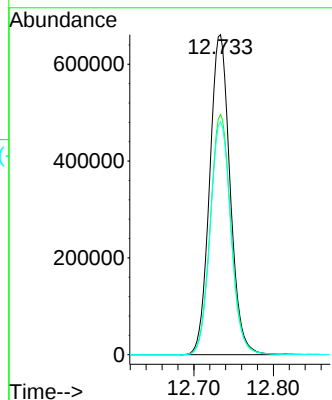
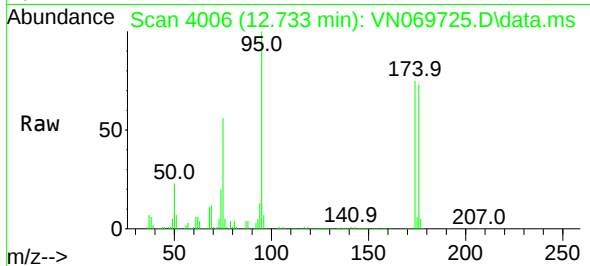




#62
4-Bromofluorobenzene
Concen: 51.028 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

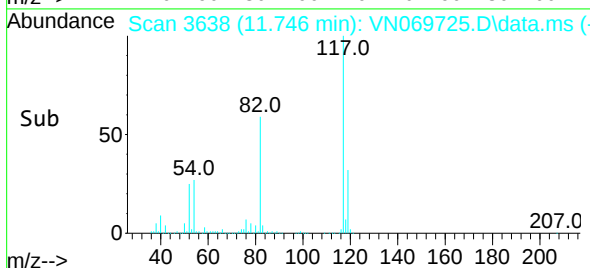
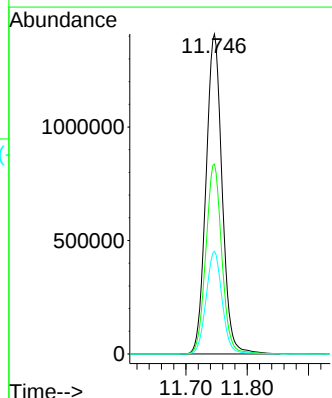
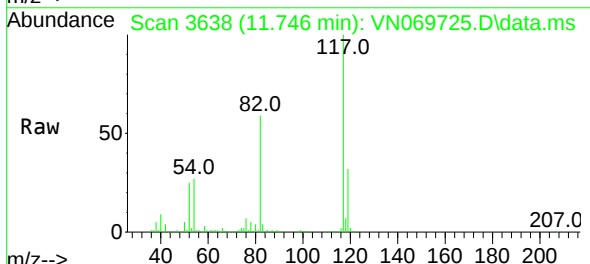
Instrument :
MSVOA_N
ClientSampleId :

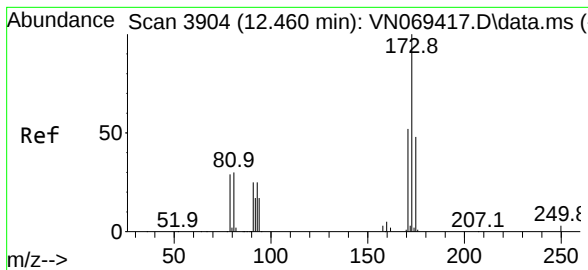
Tgt Ion: 95 Resp: 1179202
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Tgt Ion: 117 Resp: 2573040
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.1 25.4 38.2





#71

Bromoform

Concen: 2.866 ug/l

RT: 12.720 min Scan# 4001

Delta R.T. 0.260 min

Lab File: VN069725.D

Acq: 3 Dec 2021 18:12

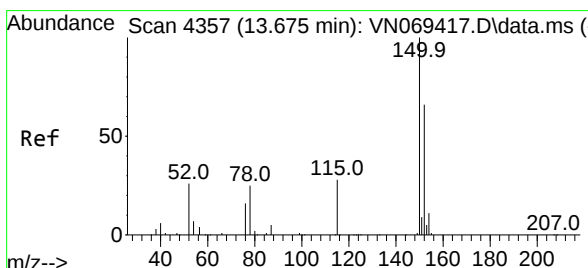
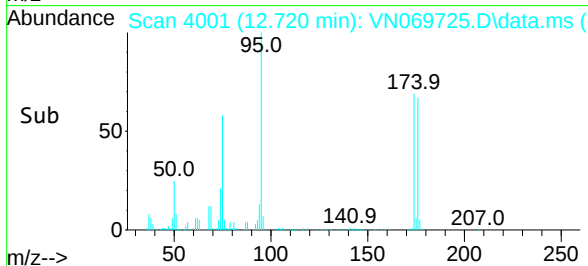
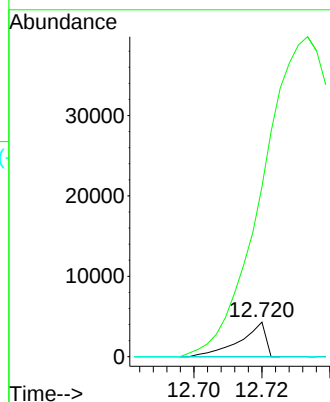
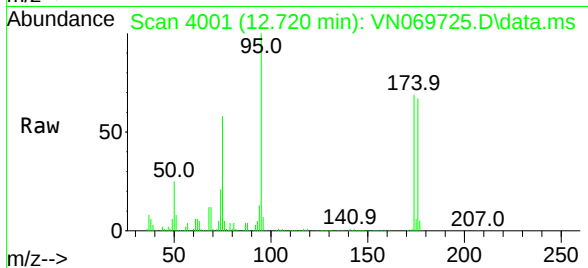
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 2240

Ion	Ratio	Lower	Upper
173	100		
175	2906.4	24.2	72.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.677 min Scan# 4358

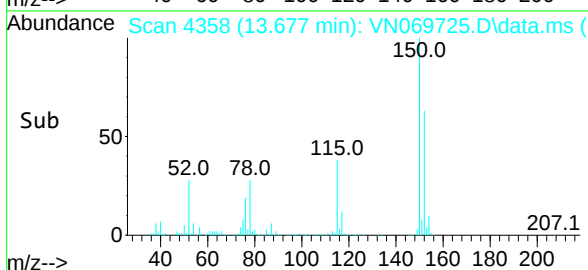
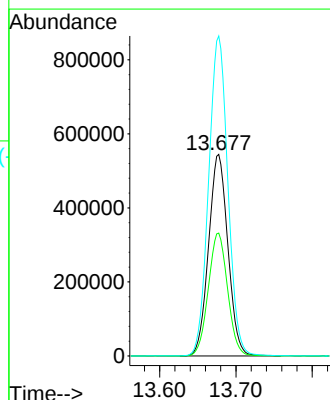
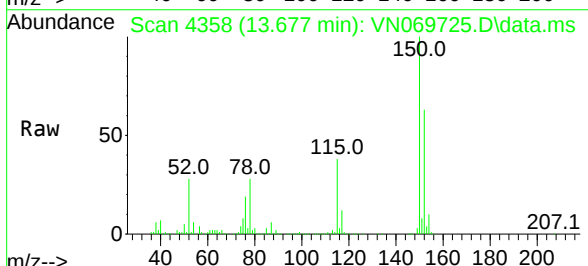
Delta R.T. 0.000 min

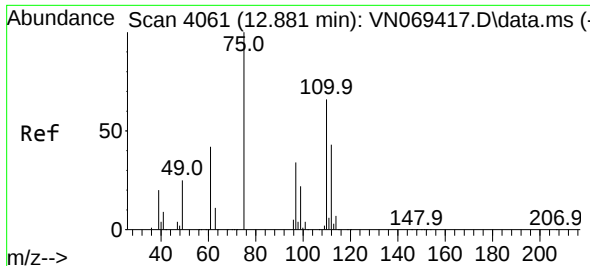
Lab File: VN069725.D

Acq: 3 Dec 2021 18:12

Tgt Ion:152 Resp: 958660

Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.5	82.5
150	157.7	0.0	344.4

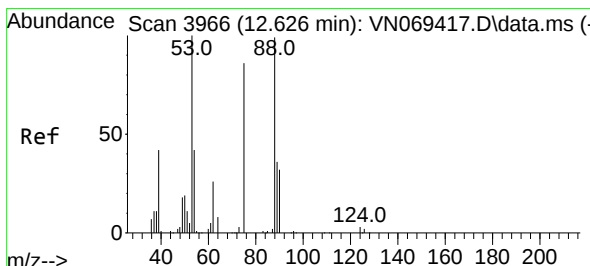
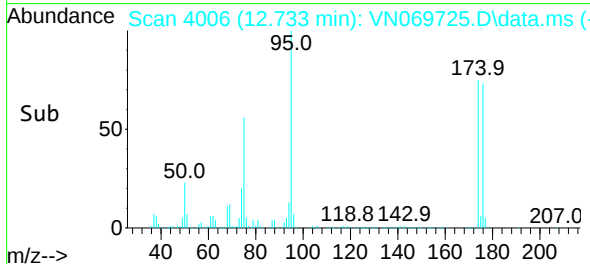
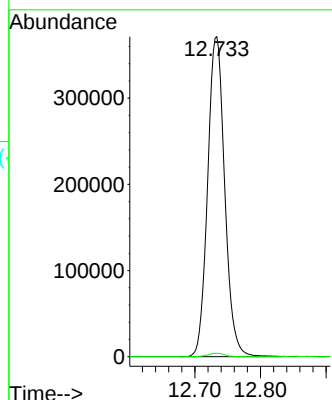
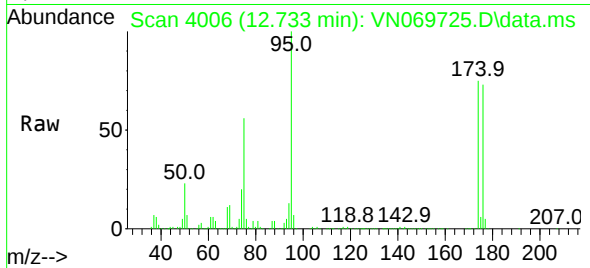




#76
1,2,3-Trichloropropane
Concen: 24.411 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

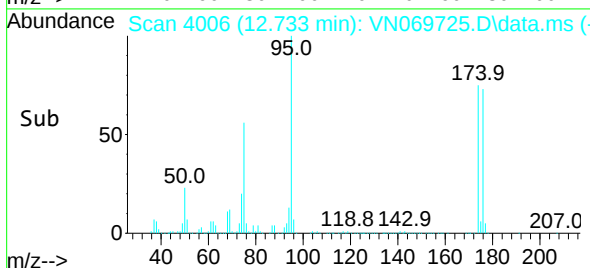
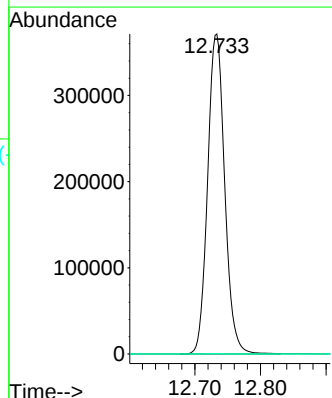
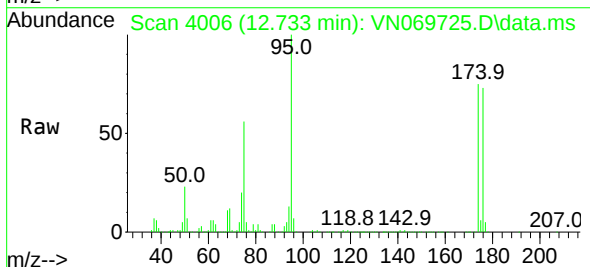
Instrument :
MSVOA_N
ClientSampleId :

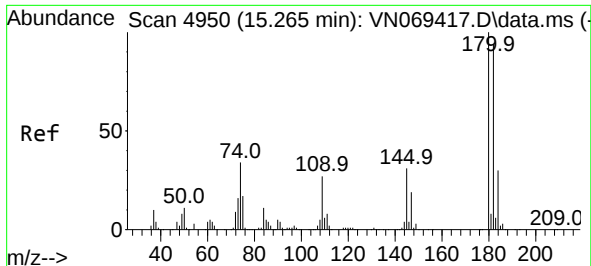
Tgt Ion: 75 Resp: 671123
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.467 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069725.D
Acq: 3 Dec 2021 18:12

Tgt Ion: 75 Resp: 671123
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.892 ug/l

RT: 15.262 min Scan# 4949

Delta R.T. -0.003 min

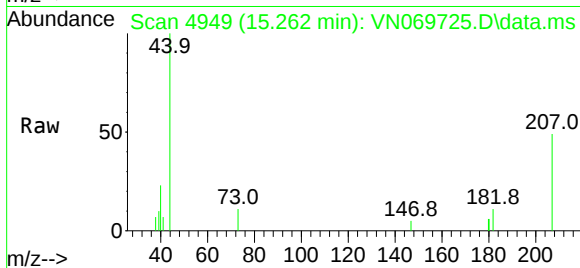
Lab File: VN069725.D

Acq: 3 Dec 2021 18:12

Instrument :

MSVOA_N

ClientSampleId :



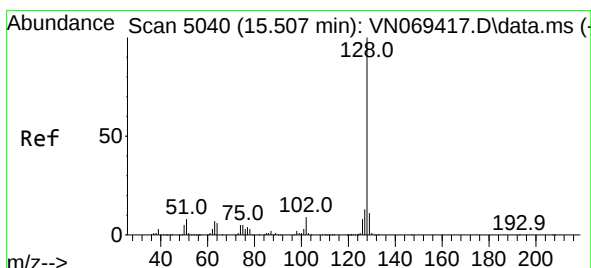
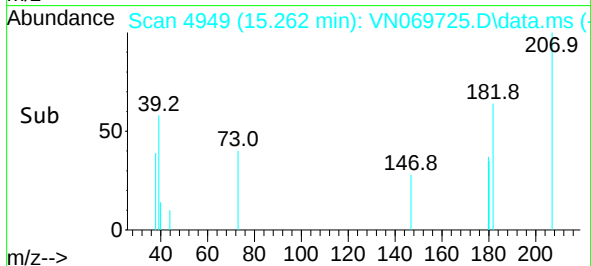
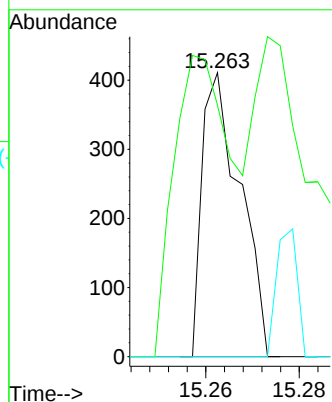
Tgt Ion:180 Resp: 231

Ion Ratio Lower Upper

180 100

182 162.8 48.3 144.9#

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 4.030 ug/l

RT: 15.509 min Scan# 5041

Delta R.T. 0.002 min

Lab File: VN069725.D

Acq: 3 Dec 2021 18:12

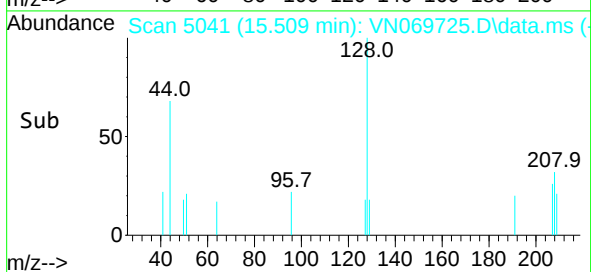
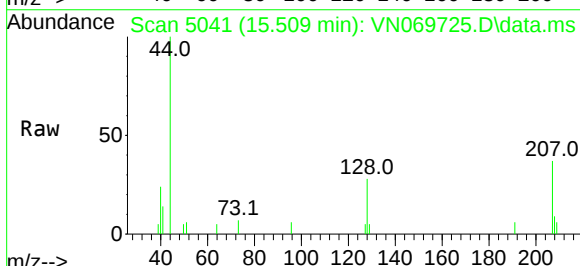
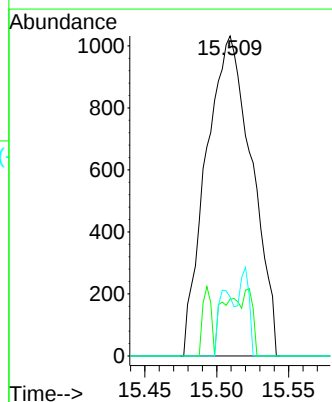
Tgt Ion:128 Resp: 2282

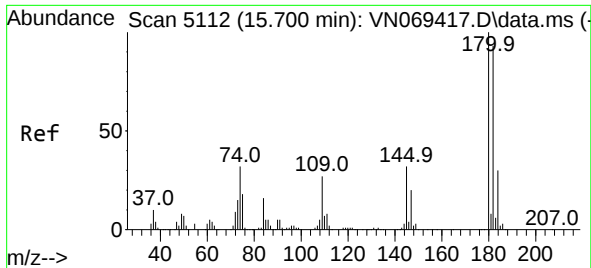
Ion Ratio Lower Upper

128 100

127 8.5 10.5 15.7#

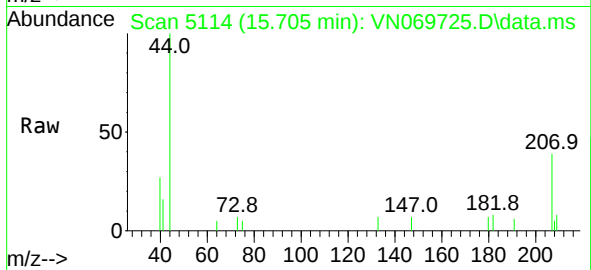
129 6.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.443 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN069725.D
 Acq: 3 Dec 2021 18:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 119
 Ion Ratio Lower Upper
 180 100
 182 178.2 47.4 142.2#
 145 0.0 15.0 45.1#

