

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069195.D
 Acq On : 26 Oct 2021 19:16
 Operator : JC/MD
 Sample : M4337-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

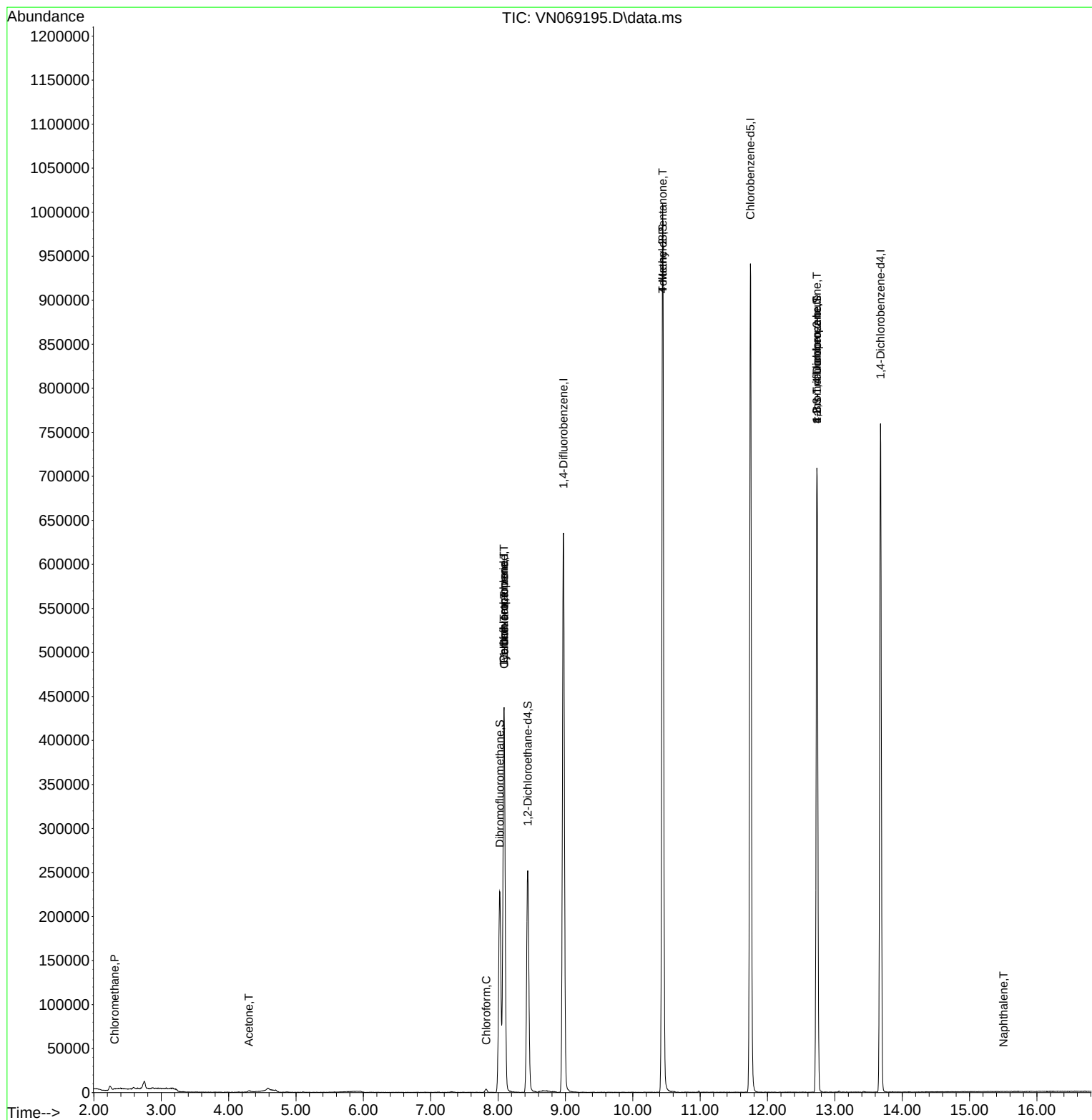
Internal Standards						
1) Pentafluorobenzene	8.088	168	331650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	577414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	558379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216095	49.419	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.840%
35) Dibromofluoromethane	8.027	113	170252	50.679	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.360%
50) Toluene-d8	10.443	98	716570	53.310	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.620%
62) 4-Bromofluorobenzene	12.733	95	254960	50.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	881	0.217	ug/l #	42
16) Acetone	4.299	43	1393	0.854	ug/l	94
30) Chloroform	7.823	83	4027	0.589	ug/l	92
31) Cyclohexane	8.091	56	7634	1.123	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	27121	5.499	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34464	6.363	ug/l #	15
51) 4-Methyl-2-Pentanone	10.443	43	3277	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	133393	30.821	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133393	73.736	ug/l #	12
95) Naphthalene	15.504	128	357	3.847	ug/l #	69

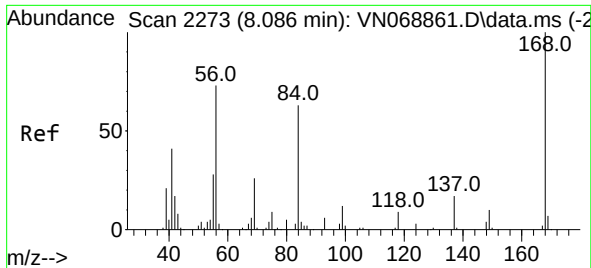
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

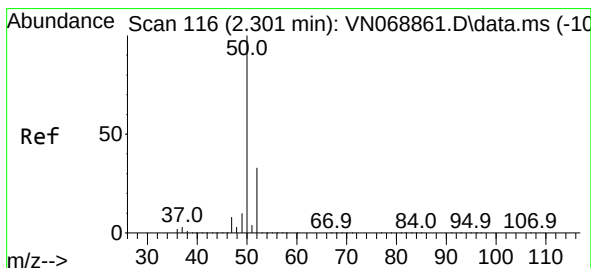
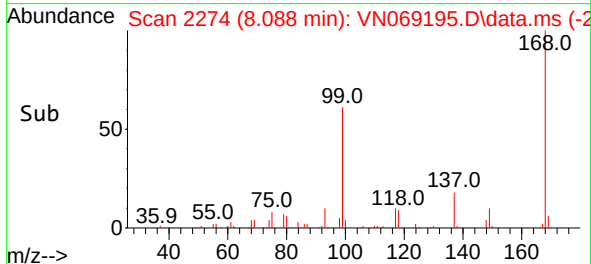
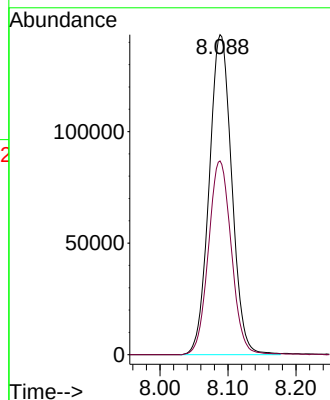
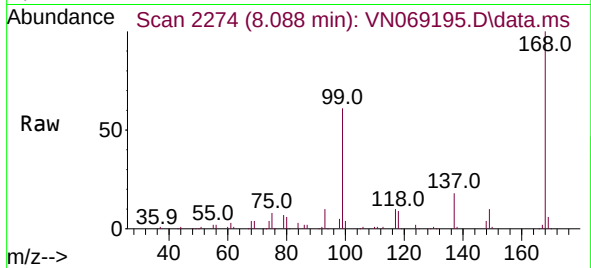




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

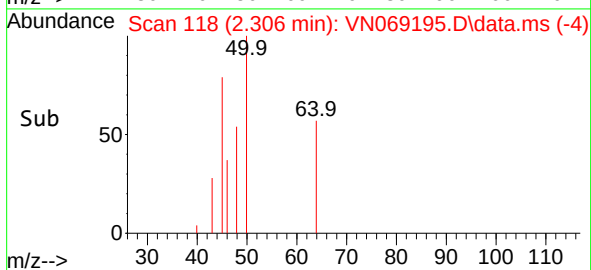
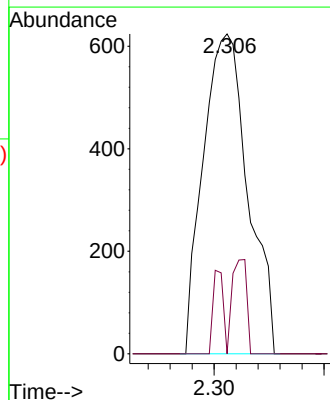
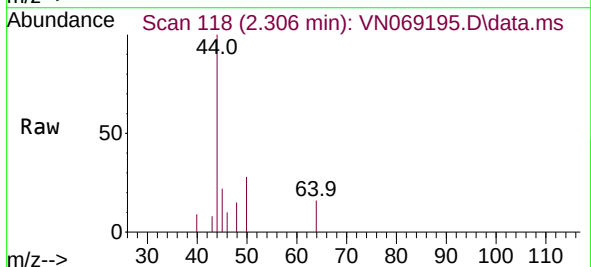
Instrument :
MSVOA_N
ClientSampled :

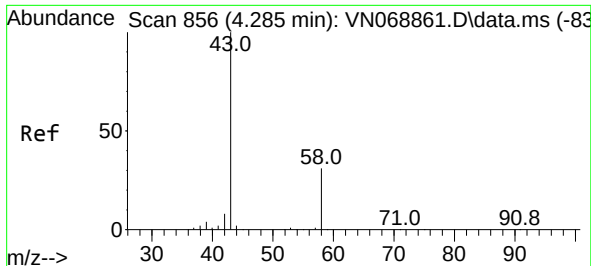
Tgt Ion:168 Resp: 331650
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 50 Resp: 881
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

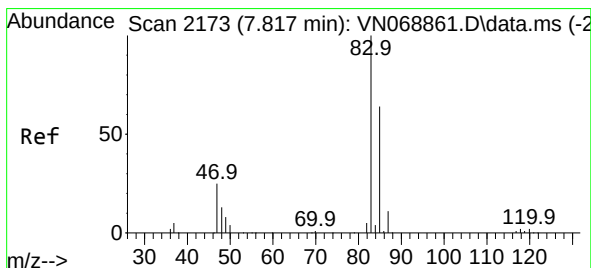
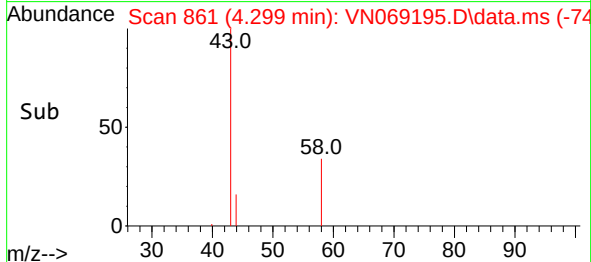
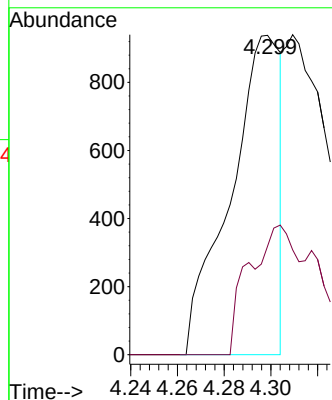
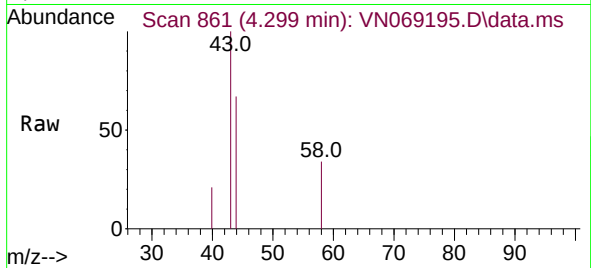




#16
Acetone
Concen: 0.854 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

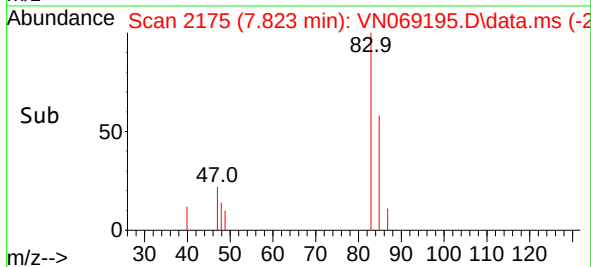
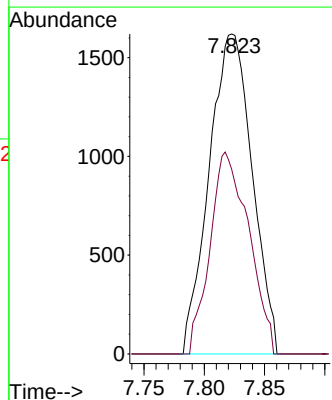
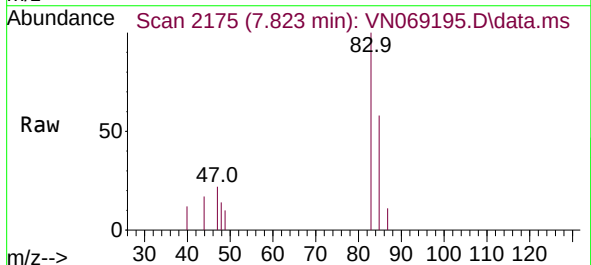
Instrument :
MSVOA_N
ClientSampled :

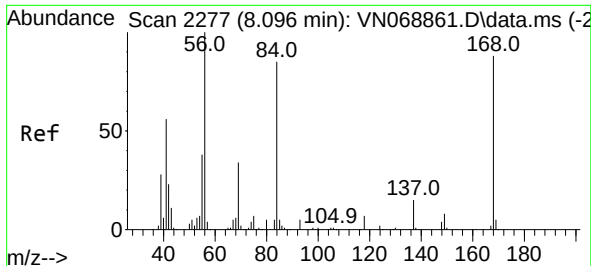
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 34.0 24.5 36.7



#30
Chloroform
Concen: 0.589 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.005 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 83 Resp: 4027
Ion Ratio Lower Upper
83 100
85 57.7 51.1 76.7

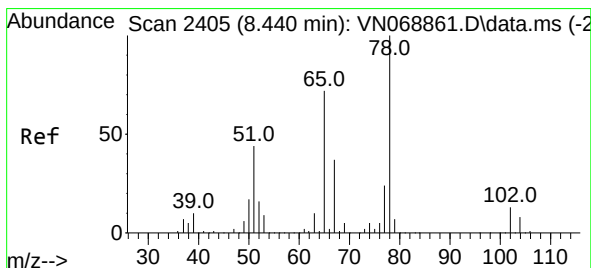
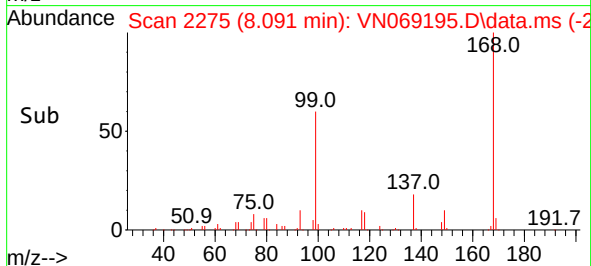
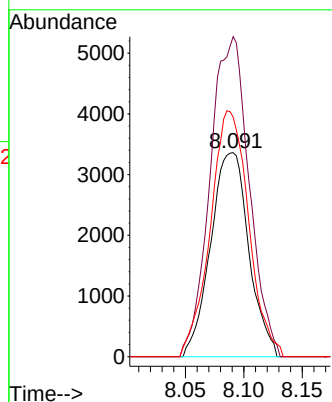
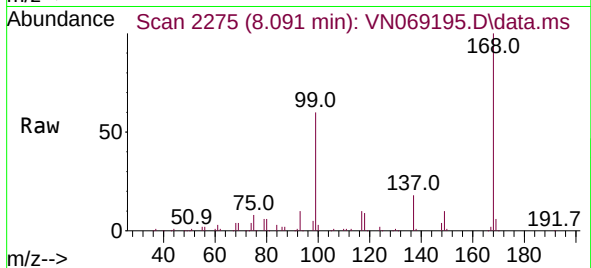




#31
Cyclohexane
Concen: 1.123 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

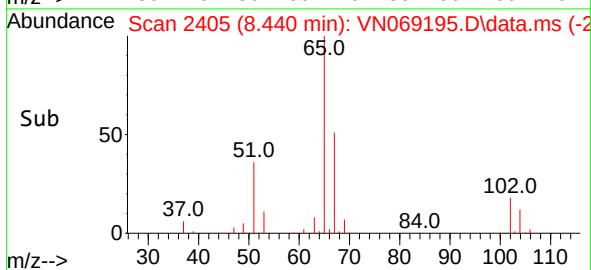
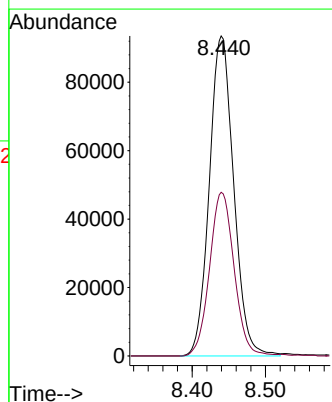
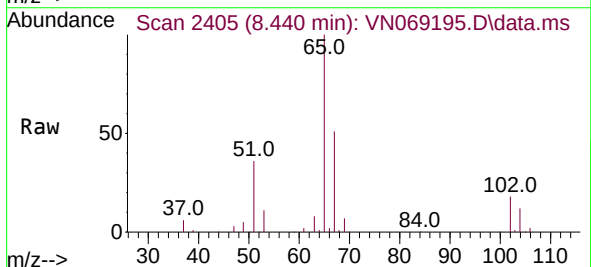
Instrument :
MSVOA_N
ClientSampled :

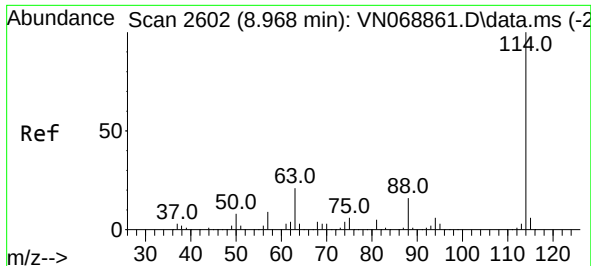
Tgt Ion: 56 Resp: 7634
Ion Ratio Lower Upper
56 100
69 156.9 26.9 40.3#
84 117.4 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.419 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 65 Resp: 216095
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069195.D

Acq: 26 Oct 2021 19:16

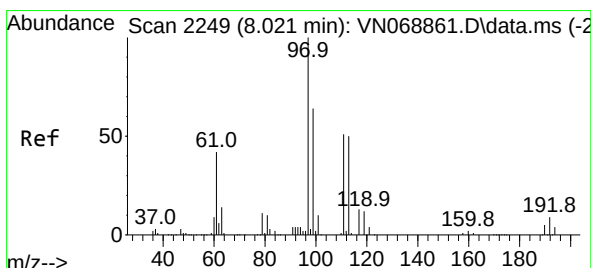
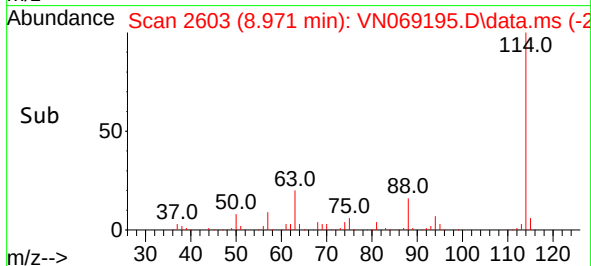
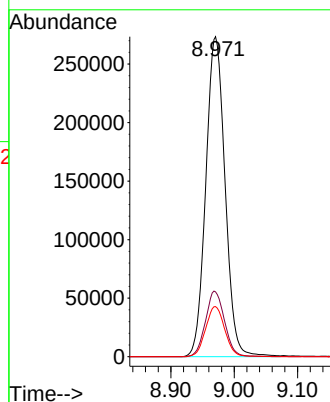
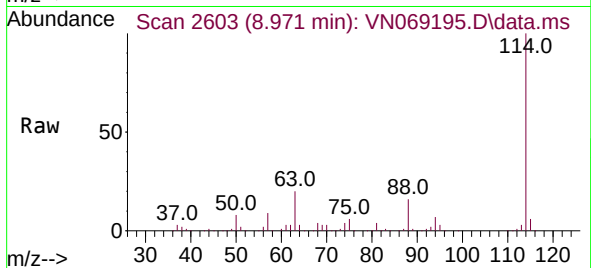
Tgt Ion:114 Resp: 577414

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.679 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.005 min

Lab File: VN069195.D

Acq: 26 Oct 2021 19:16

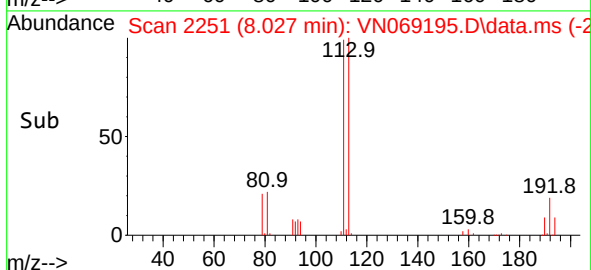
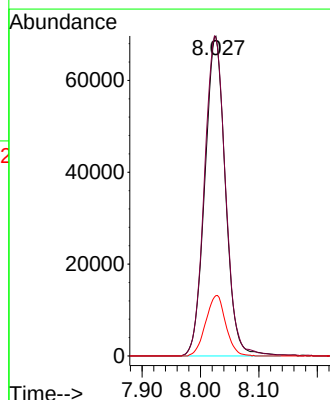
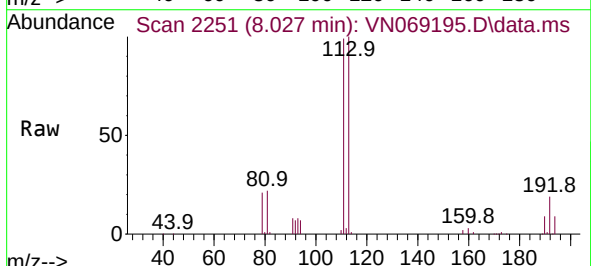
Tgt Ion:113 Resp: 170252

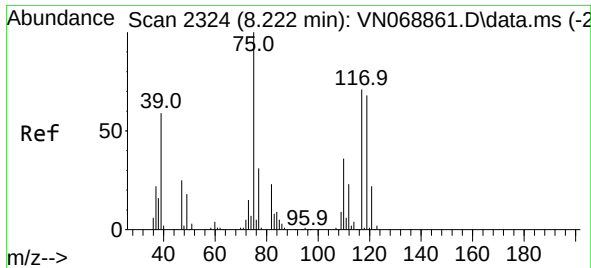
Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

192 18.4 15.0 22.4

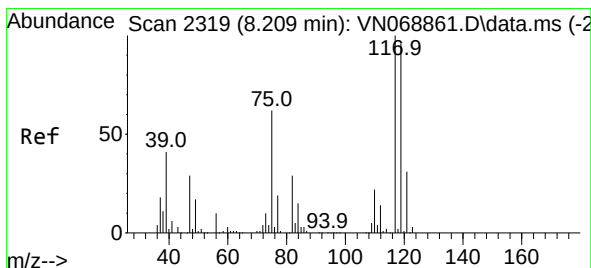
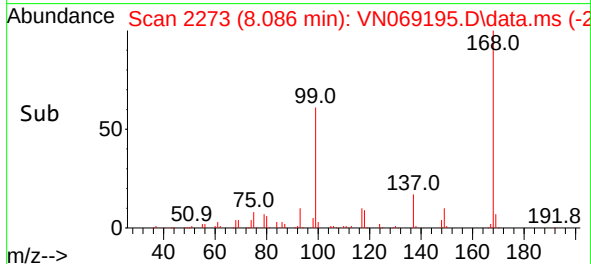
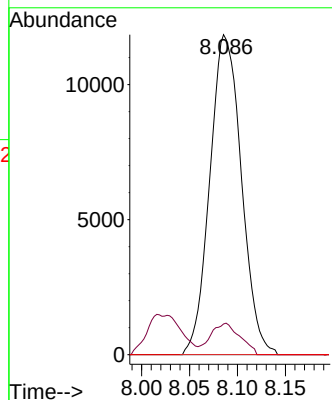
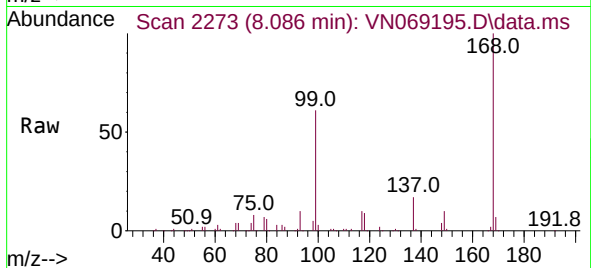




#36
1,1-Dichloropropene
Concen: 5.499 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

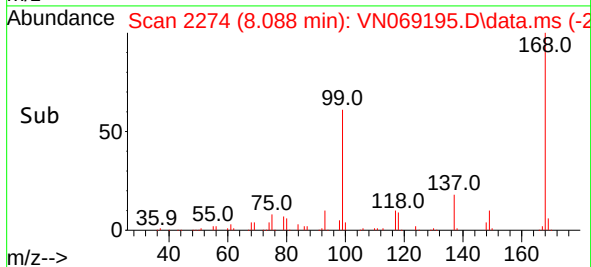
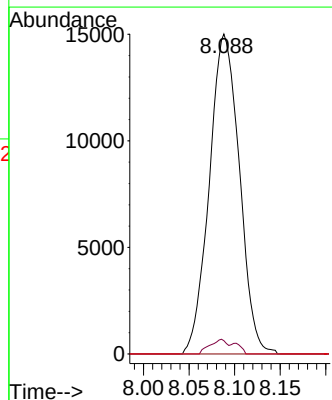
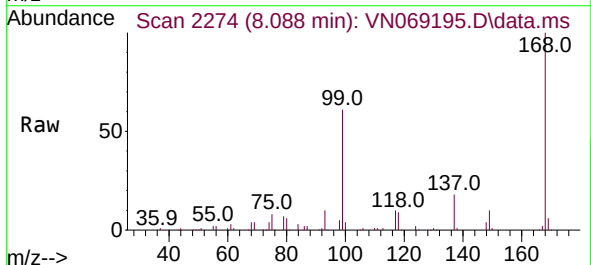
Instrument :
MSVOA_N
ClientSampled :

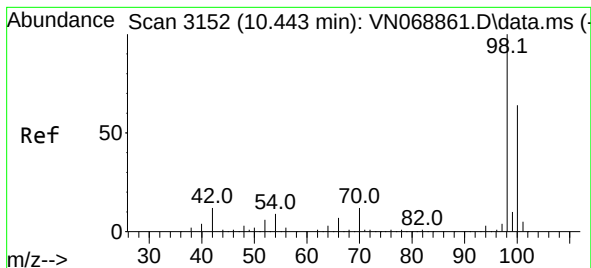
Tgt Ion: 75 Resp: 27121
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 117 Resp: 34464
Ion Ratio Lower Upper
117 100
119 4.1 76.9 115.3#
121 0.0 24.6 37.0#

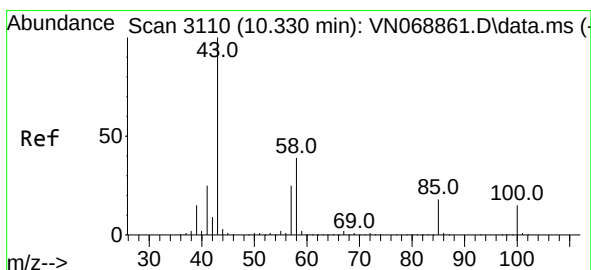
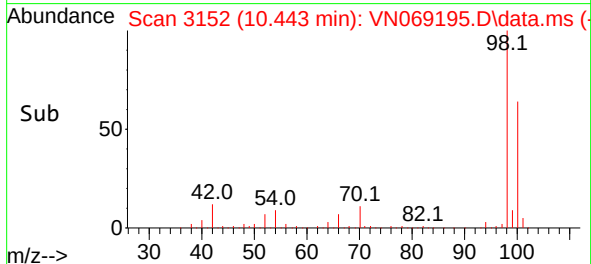
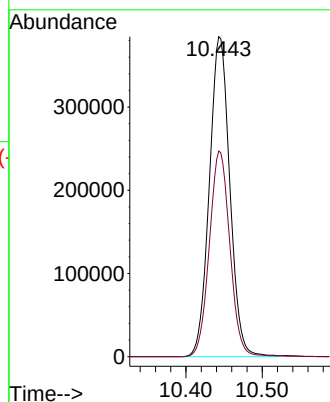
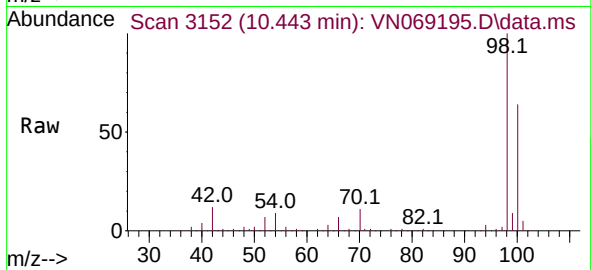




#50
Toluene-d8
Concen: 53.310 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

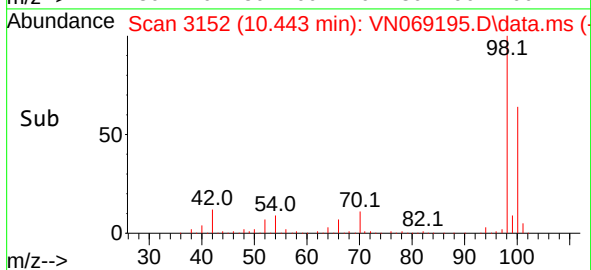
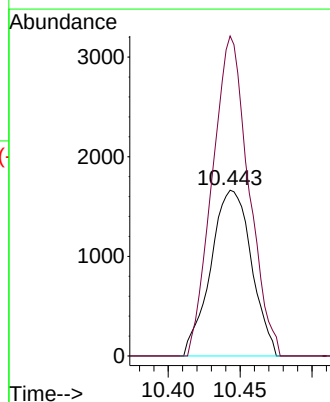
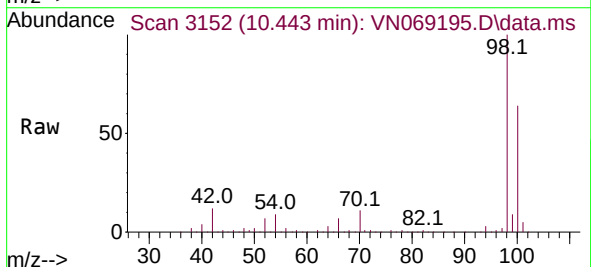
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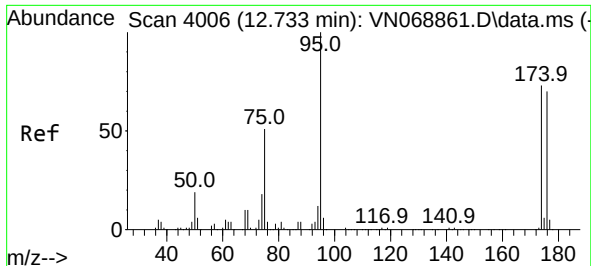
Tgt Ion: 98 Resp: 716570
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 43 Resp: 3277
Ion Ratio Lower Upper
43 100
58 172.5 31.0 46.4#

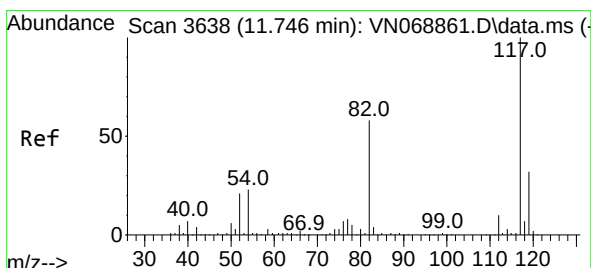
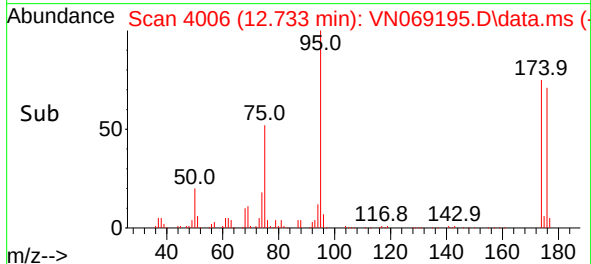
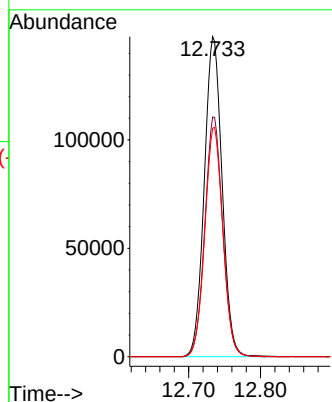
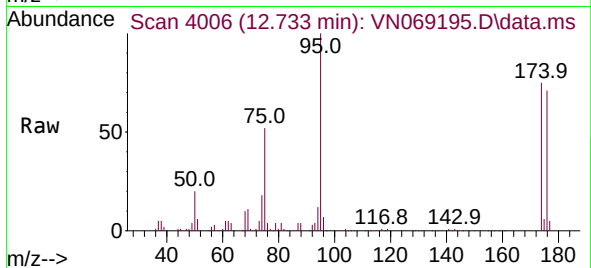




#62
4-Bromofluorobenzene
Concen: 50.274 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

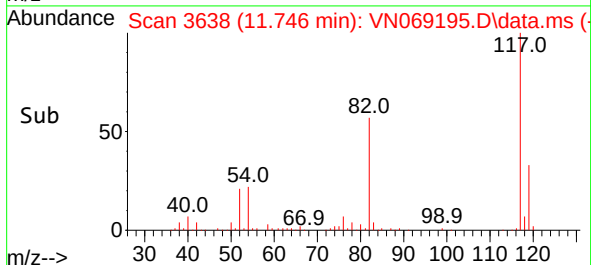
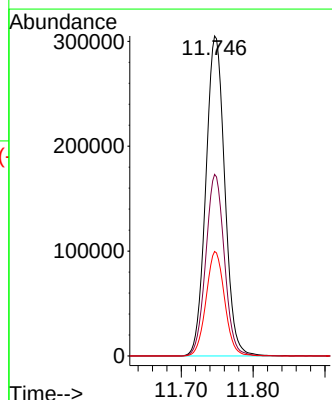
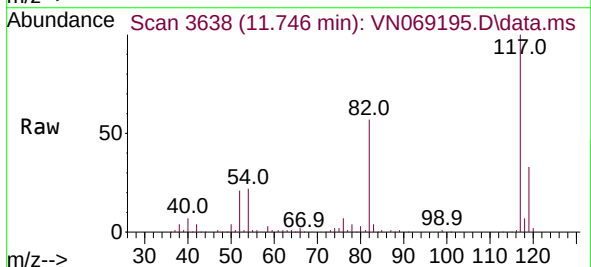
Instrument :
MSVOA_N
ClientSampleId :

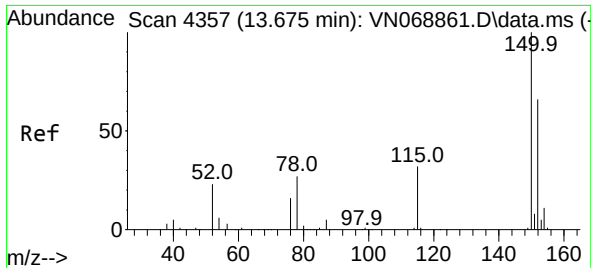
Tgt Ion: 95 Resp: 254960
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.8
176 72.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 117 Resp: 558379
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.7 26.0 39.0

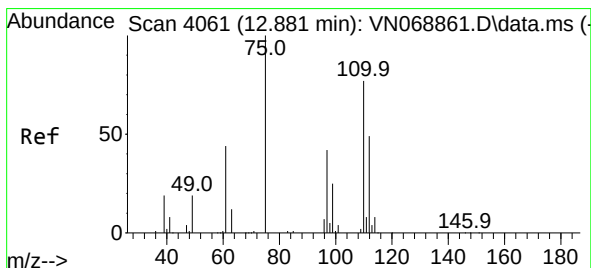
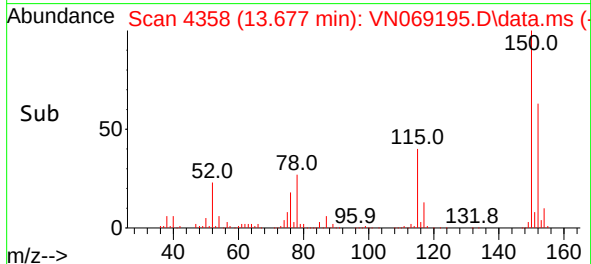
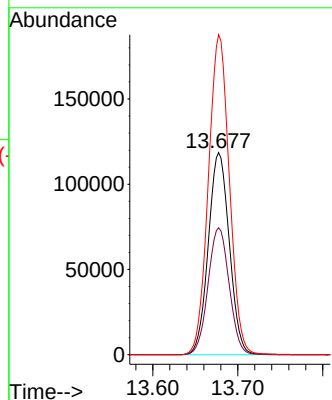
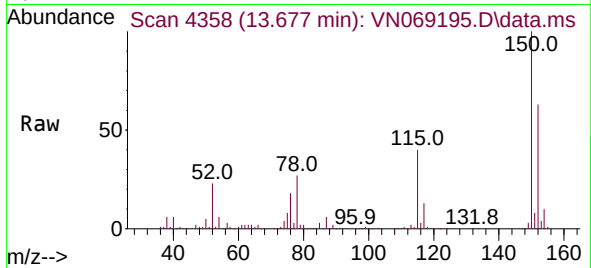




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069195.D
 Acq: 26 Oct 2021 19:16

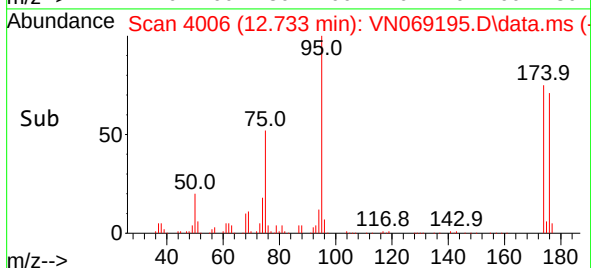
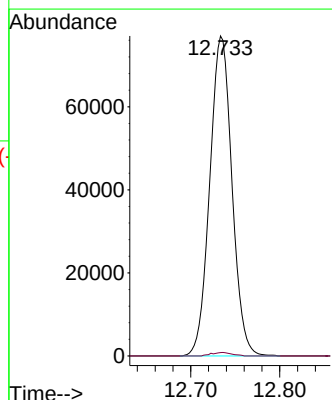
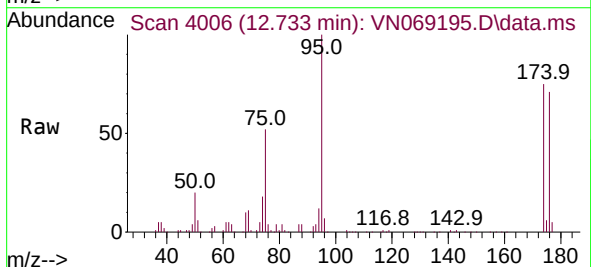
Instrument :
 MSVOA_N
 ClientSampleId :

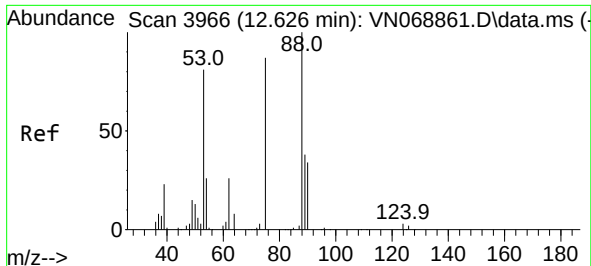
Tgt Ion:152 Resp: 203413
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.3
 150 158.0 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.821 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069195.D
 Acq: 26 Oct 2021 19:16

Tgt Ion: 75 Resp: 133393
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

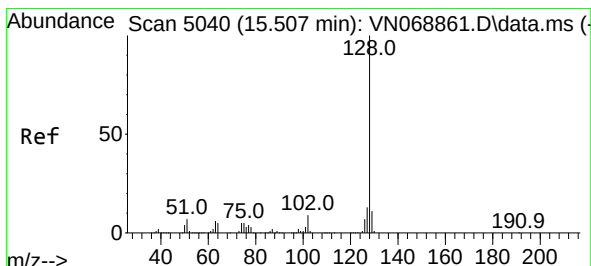
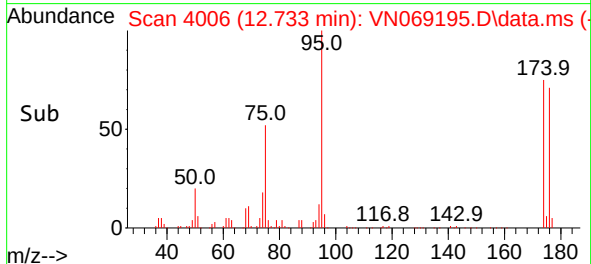
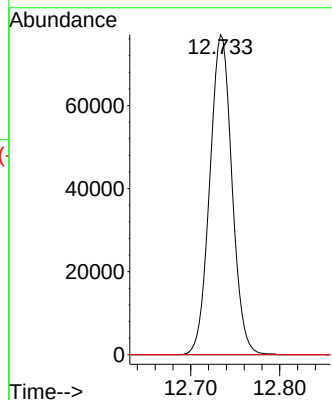
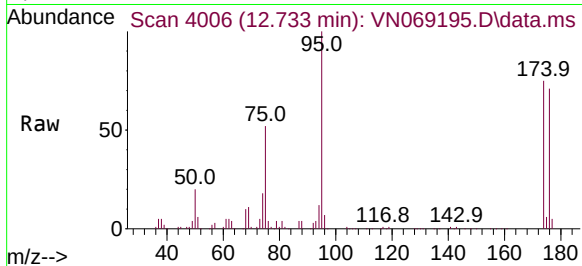




#81
trans-1,4-Dichloro-2-butene
Concen: 73.736 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 133393
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.847 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 128 Resp: 357
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

