

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069201.D
 Acq On : 26 Oct 2021 22:38
 Operator : JC/MD
 Sample : VN1027WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 09:23:46 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)

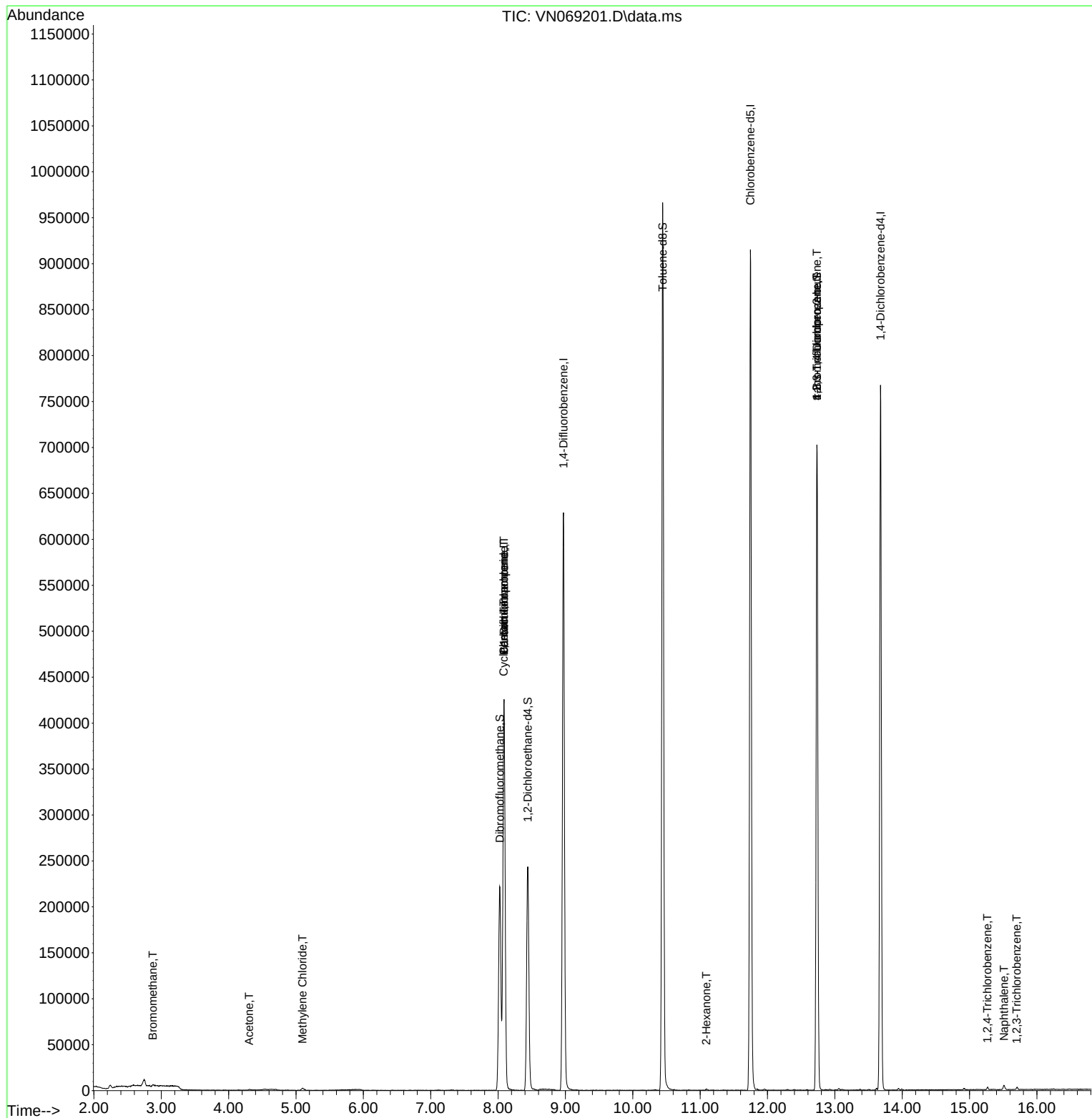
Internal Standards						
1) Pentafluorobenzene	8.088	168	320406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	559521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	541219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	204227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	210218	49.762	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.520%		
35) Dibromofluoromethane	8.027	113	164982	50.680	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.360%		
50) Toluene-d8	10.443	98	694071	53.287	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.580%		
62) 4-Bromofluorobenzene	12.733	95	253668	51.619	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.240%		
Target Compounds						Qvalue
5) Bromomethane	2.875	94	462	0.211	ug/l #	30
16) Acetone	4.304	43	655	0.415	ug/l #	44
20) Methylene Chloride	5.095	84	1963	0.541	ug/l #	72
31) Cyclohexane	8.083	56	7678	1.169	ug/l #	21
36) 1,1-Dichloropropene	8.088	75	26182	5.478	ug/l #	50
38) Carbon Tetrachloride	8.088	117	33044	6.296	ug/l #	16
59) 2-Hexanone	11.089	43	1413	0.390	ug/l	87
76) 1,2,3-Trichloropropane	12.733	75	132718	30.542	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	132718	73.071	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	1043	2.890	ug/l	85
95) Naphthalene	15.512	128	5555	4.353	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.700	180	1091	2.831	ug/l #	86

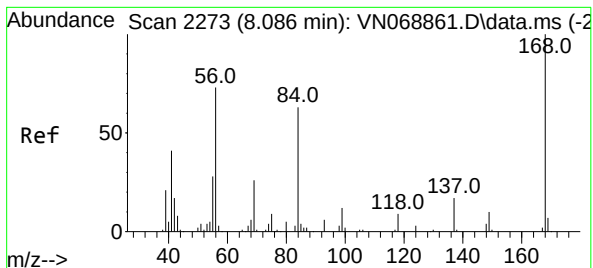
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069201.D

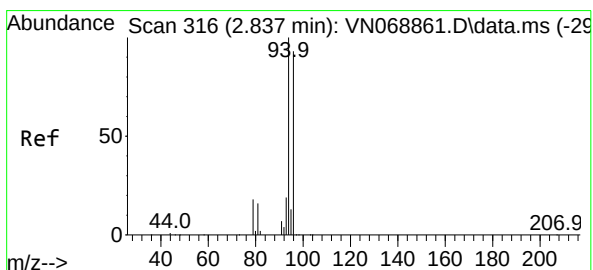
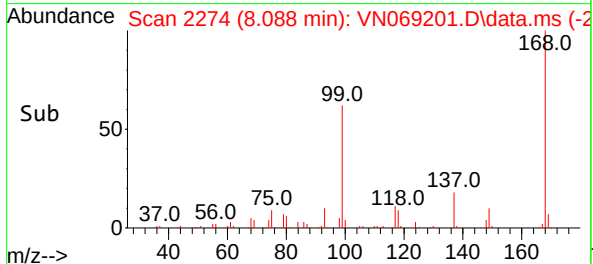
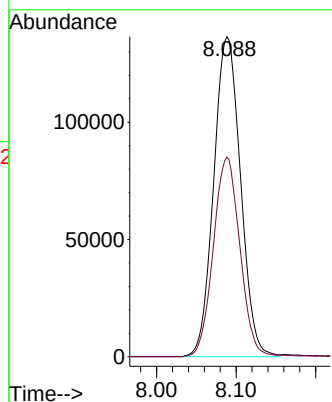
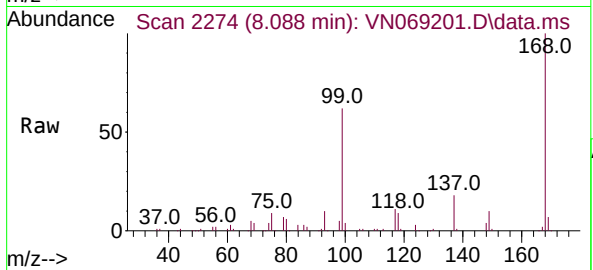
Acq: 26 Oct 2021 22:38

Tgt Ion:168 Resp: 320406

Ion Ratio Lower Upper

168 100

99 62.3 48.9 73.3



#5

Bromomethane

Concen: 0.211 ug/l

RT: 2.875 min Scan# 330

Delta R.T. 0.038 min

Lab File: VN069201.D

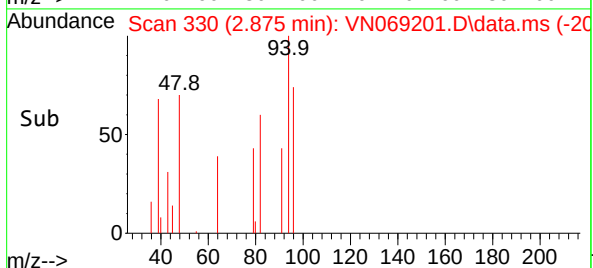
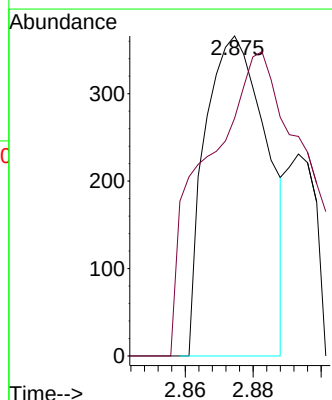
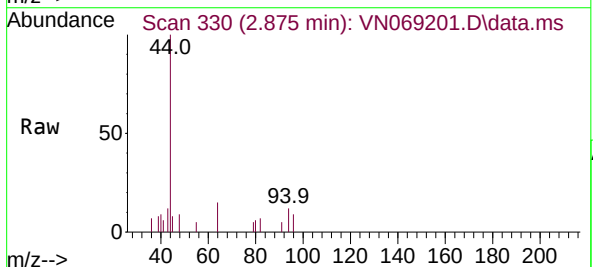
Acq: 26 Oct 2021 22:38

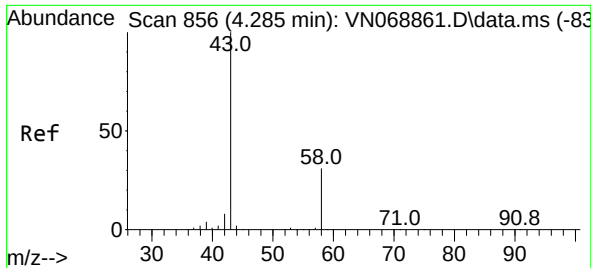
Tgt Ion: 94 Resp: 462

Ion Ratio Lower Upper

94 100

96 26.0 74.2 111.4#

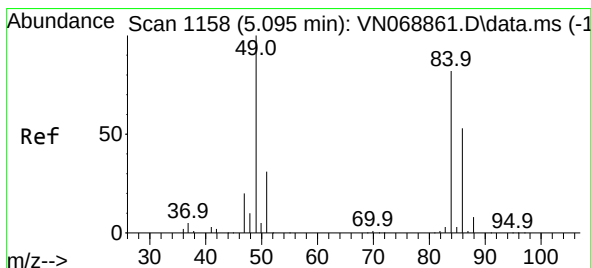
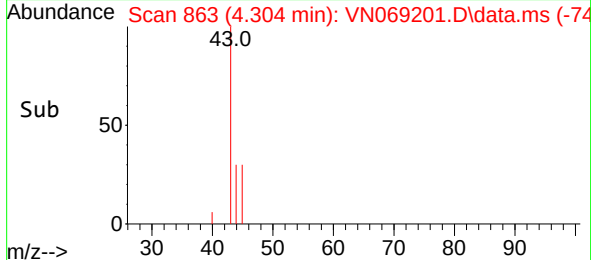
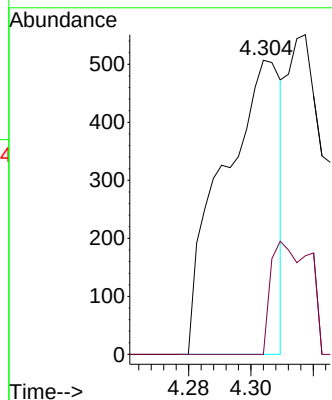
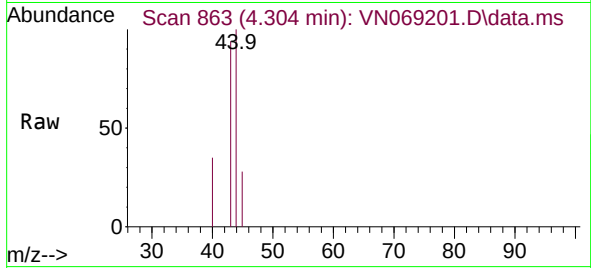




#16
Acetone
Concen: 0.415 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

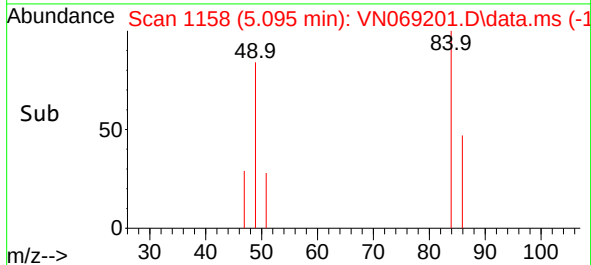
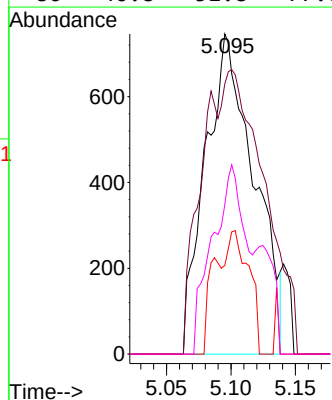
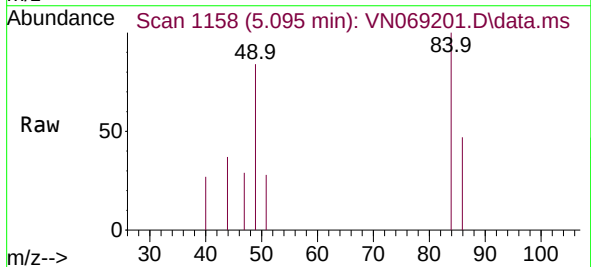
Instrument :
MSVOA_N
ClientSampled :

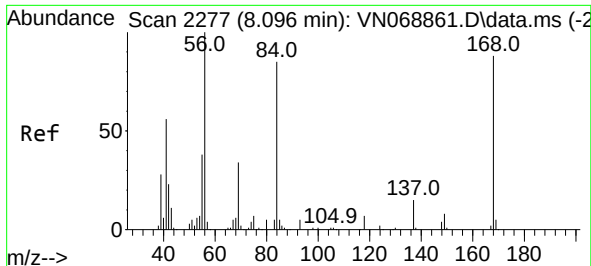
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 0.541 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion: 84 Resp: 1963
Ion Ratio Lower Upper
84 100
49 84.5 97.6 146.4#
51 27.7 30.3 45.5#
86 46.8 51.8 77.6#

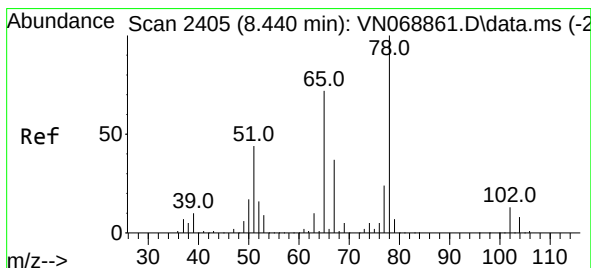
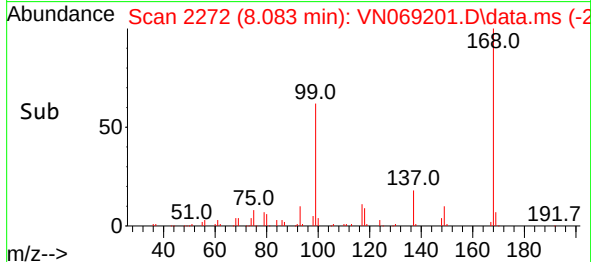
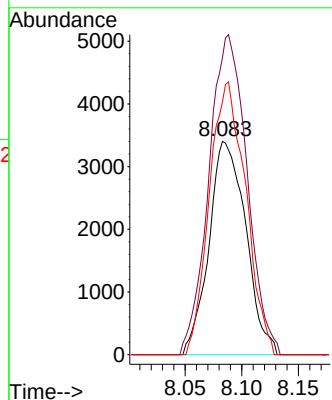
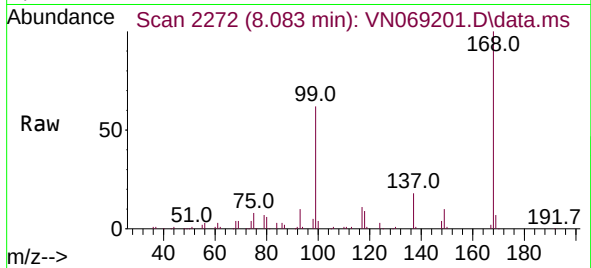




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

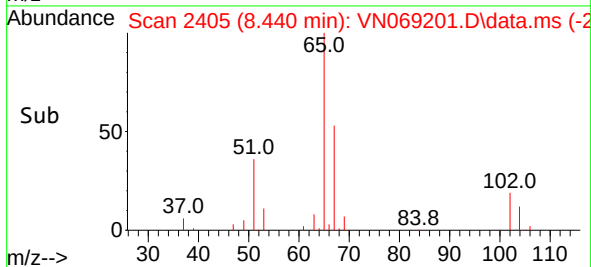
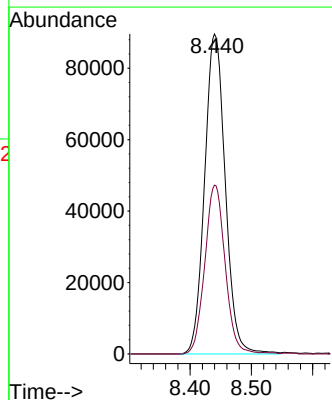
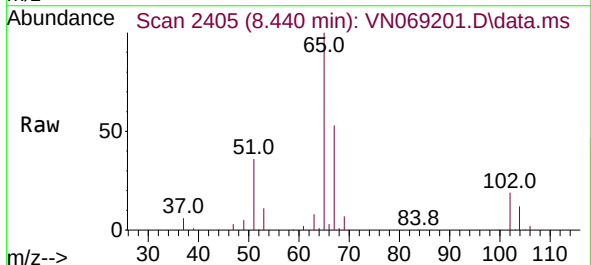
Instrument :
MSVOA_N
ClientSampled :

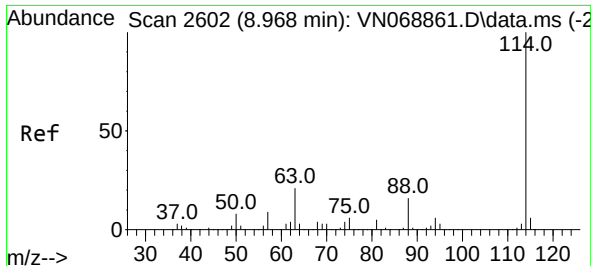
Tgt Ion: 56 Resp: 7678
Ion Ratio Lower Upper
56 100
69 139.2 26.9 40.3#
84 118.5 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.762 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion: 65 Resp: 210218
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8

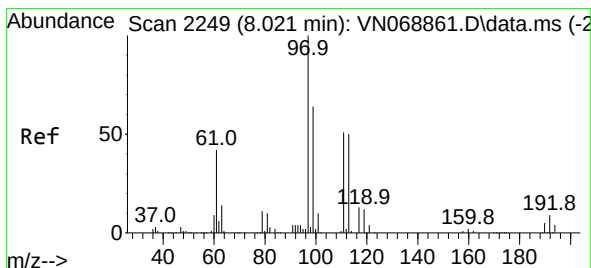
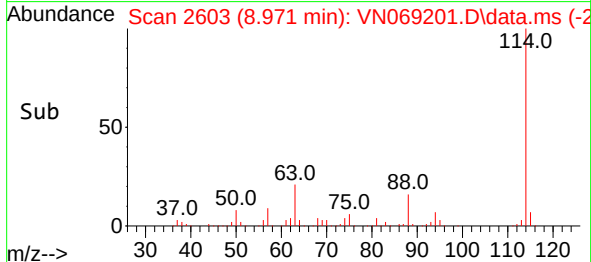
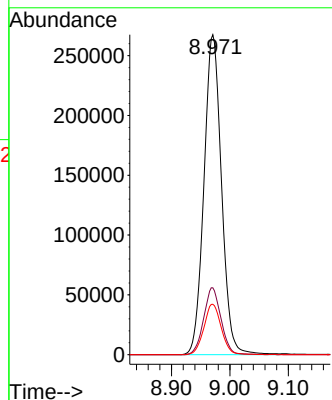
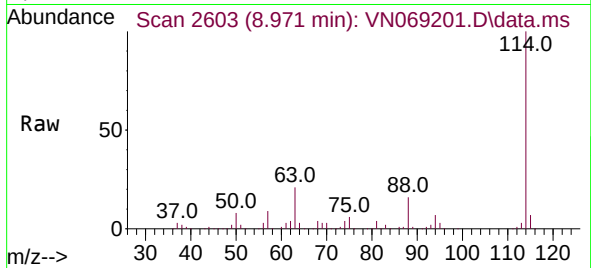




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

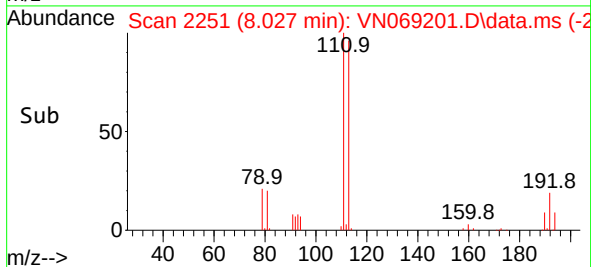
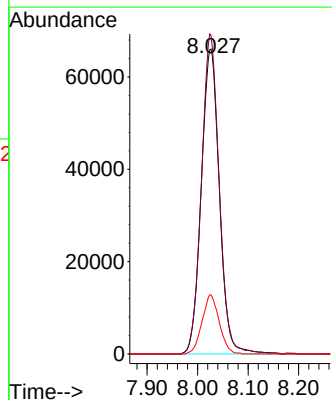
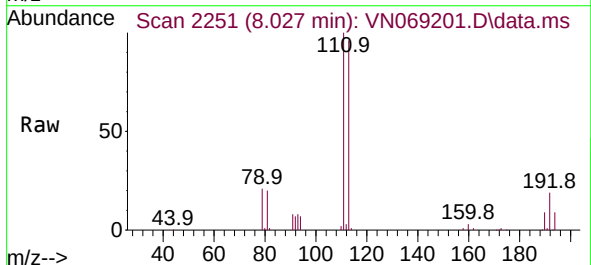
Instrument :
MSVOA_N
ClientSampled :

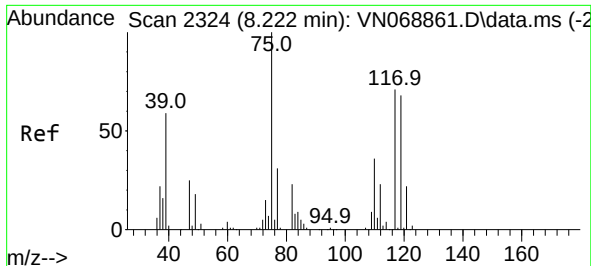
Tgt Ion:114 Resp: 559521
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.680 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion:113 Resp: 164982
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 18.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 5.478 ug/l

RT: 8.088 min Scan# 2274

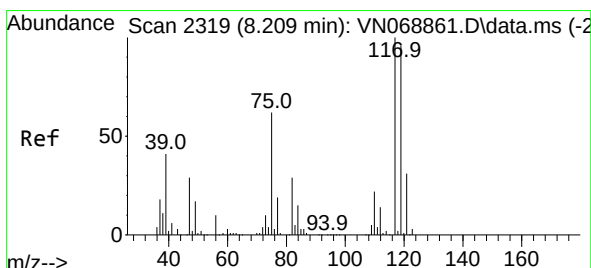
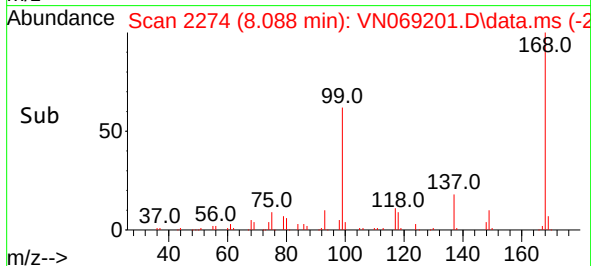
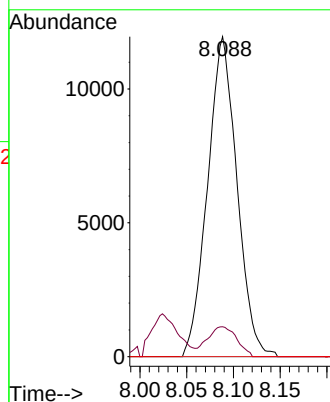
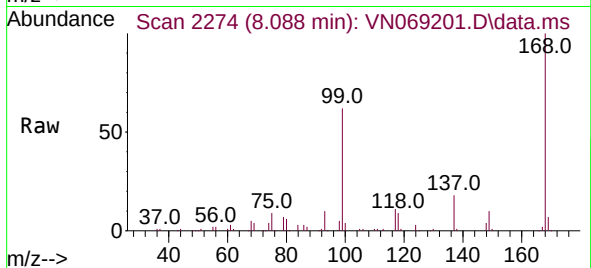
Delta R.T. -0.134 min

Lab File: VN069201.D

Acq: 26 Oct 2021 22:38

Tgt Ion:	75	Resp:	26182
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.9	53.8#
77	0.0	24.7	37.1#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.296 ug/l

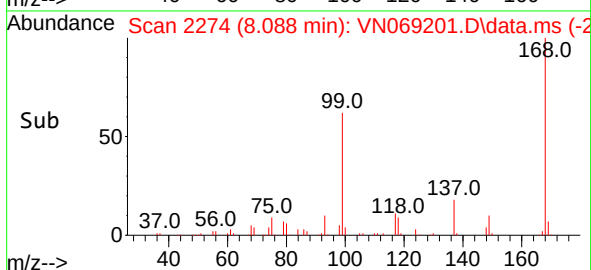
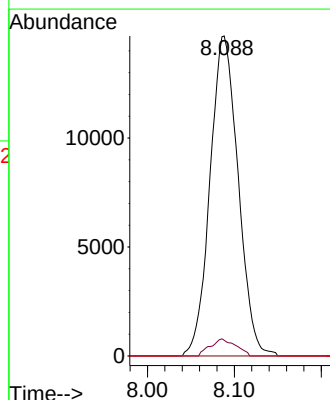
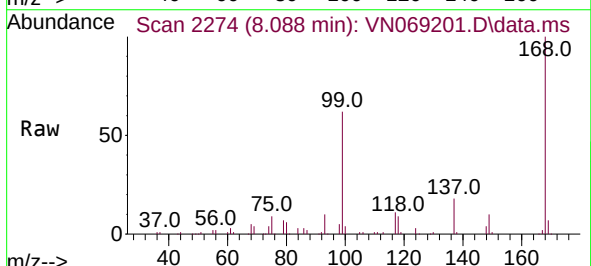
RT: 8.088 min Scan# 2274

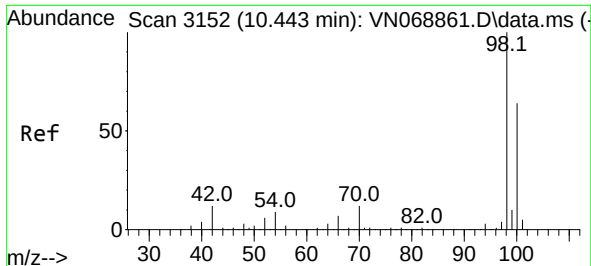
Delta R.T. -0.121 min

Lab File: VN069201.D

Acq: 26 Oct 2021 22:38

Tgt Ion:	117	Resp:	33044
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.0	24.6	37.0#

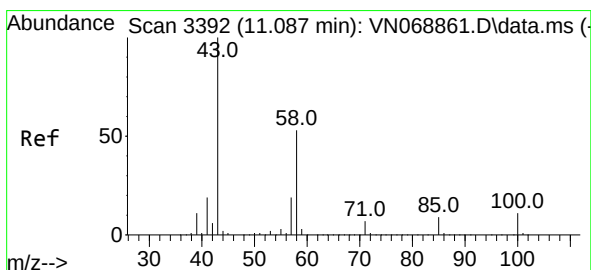
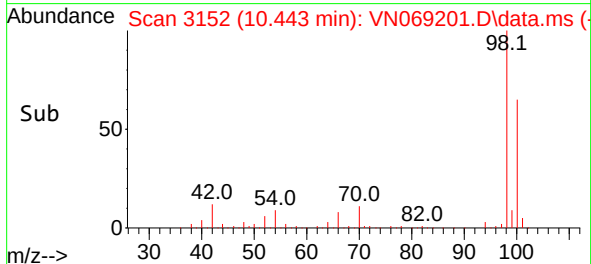
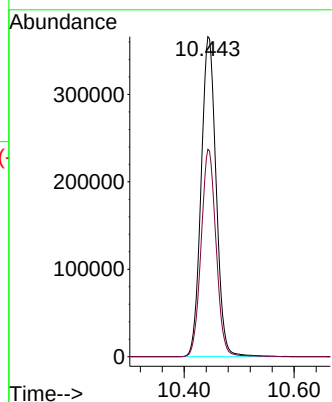
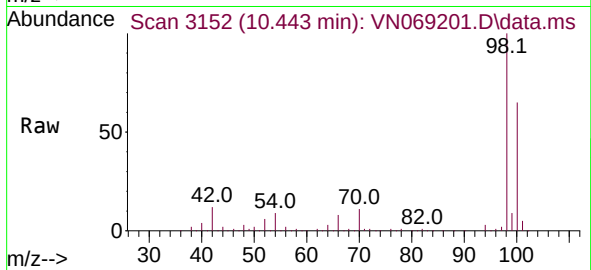




#50
Toluene-d8
Concen: 53.287 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

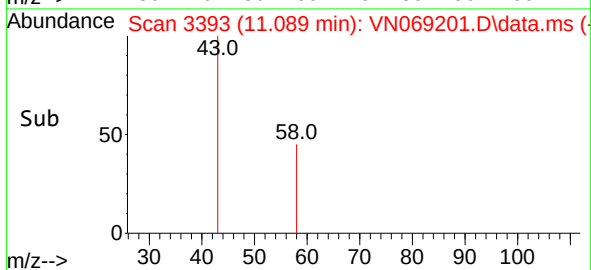
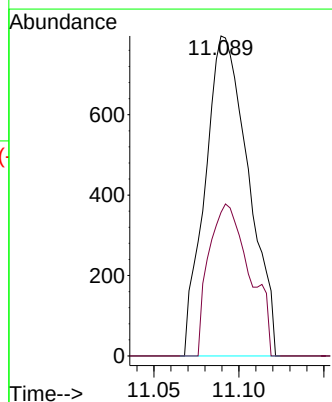
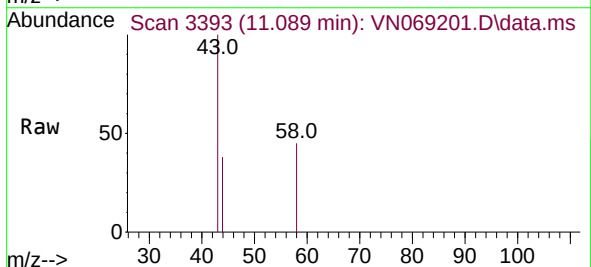
Instrument :
MSVOA_N
ClientSampleId :

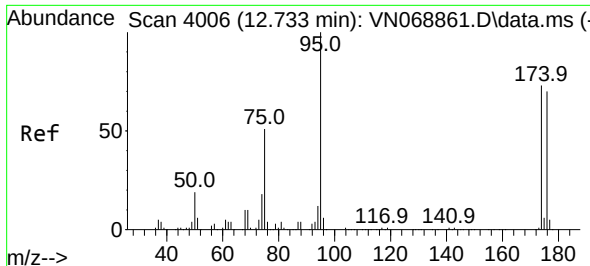
Tgt Ion: 98 Resp: 694071
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#59
2-Hexanone
Concen: 0.390 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 44.5 26.9 80.7

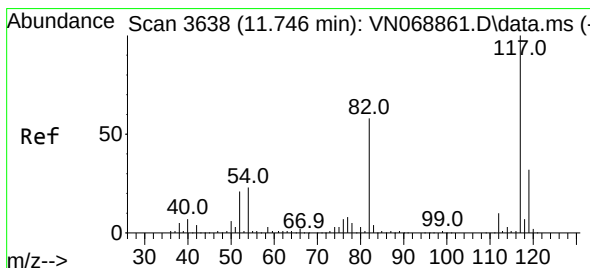
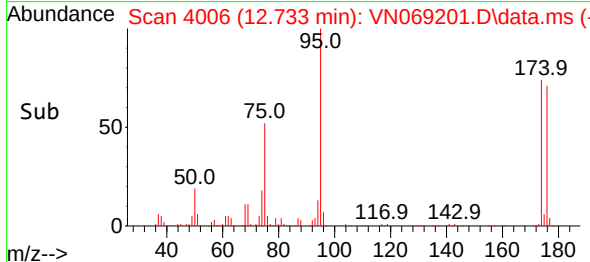
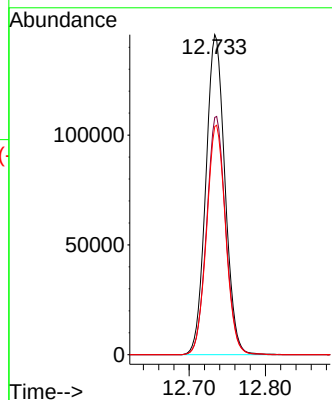
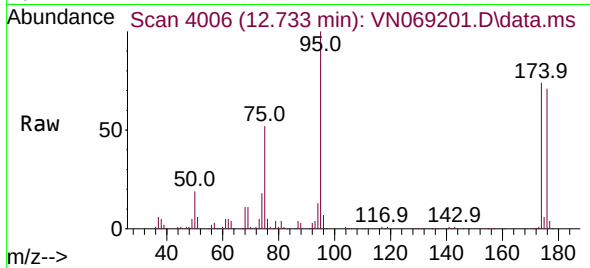




#62
4-Bromofluorobenzene
Concen: 51.619 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

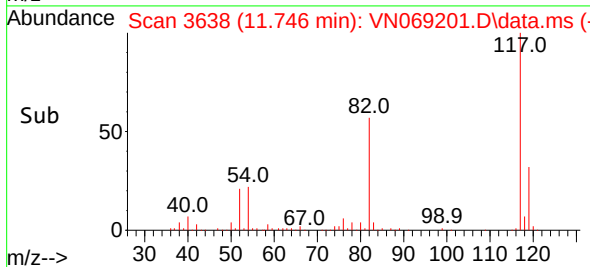
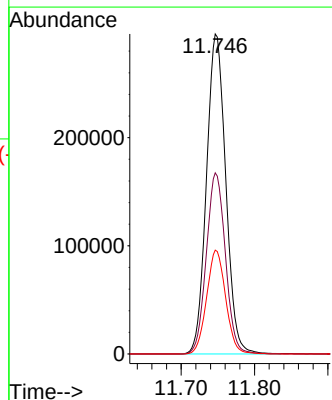
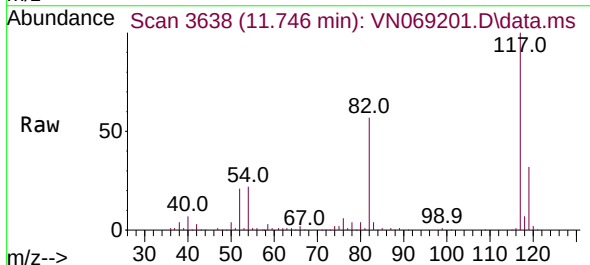
Instrument :
MSVOA_N
ClientSampleId :

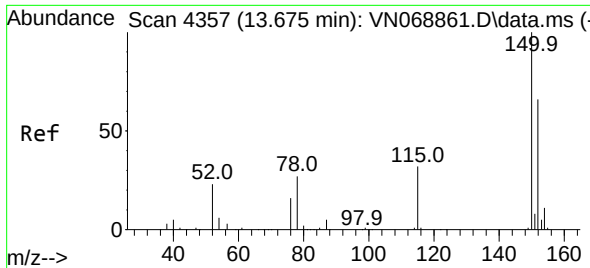
Tgt Ion: 95 Resp: 253668
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.8
176 71.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion: 117 Resp: 541219
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.4 26.0 39.0

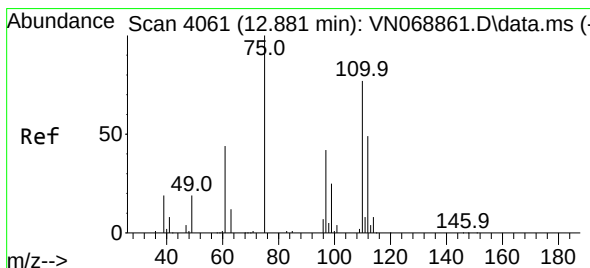
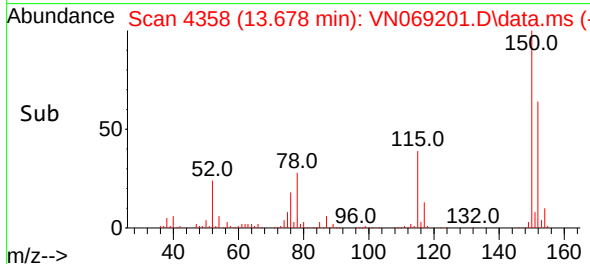
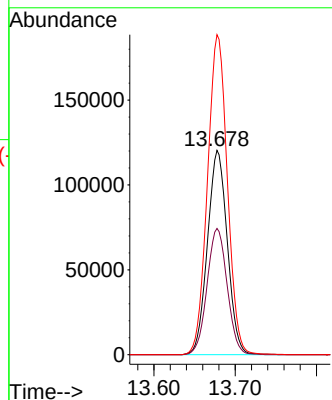
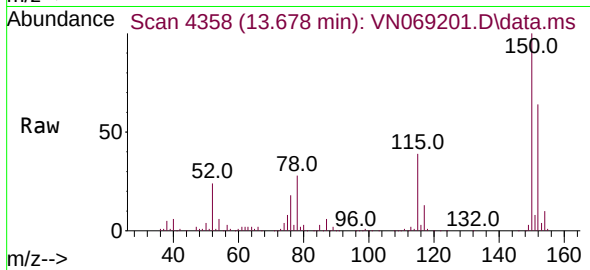




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069201.D
 Acq: 26 Oct 2021 22:38

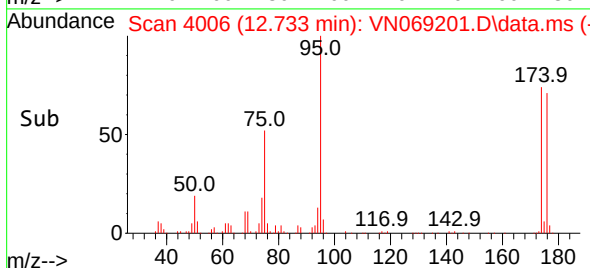
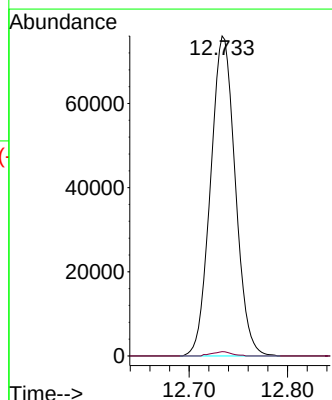
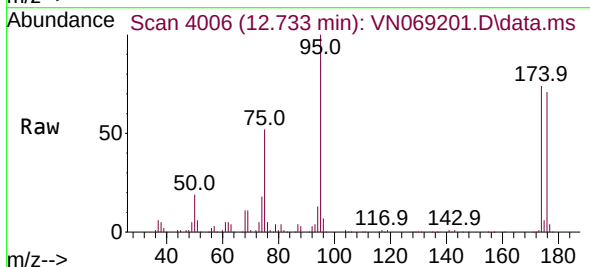
Instrument :
 MSVOA_N
 ClientSampled :

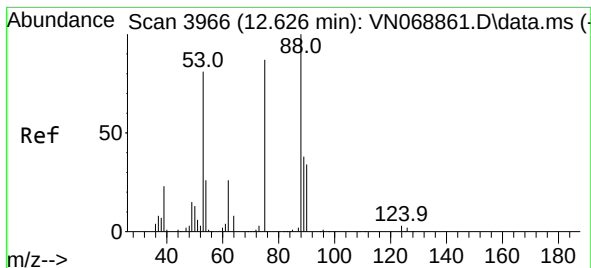
Tgt Ion:152 Resp: 204227
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.4 94.3
 150 156.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.542 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069201.D
 Acq: 26 Oct 2021 22:38

Tgt Ion: 75 Resp: 132718
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.2 288.4#

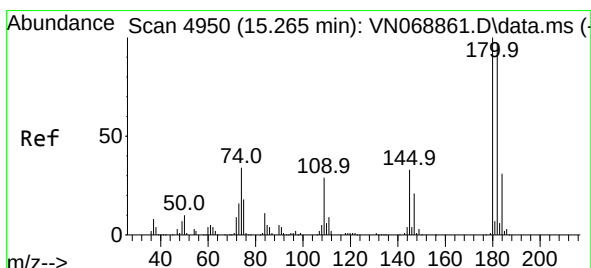
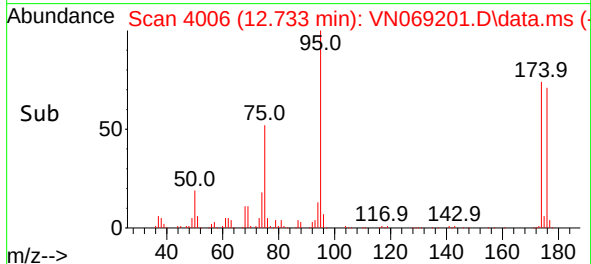
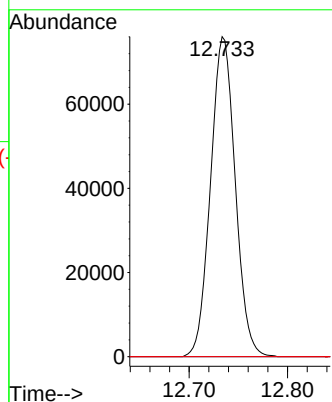
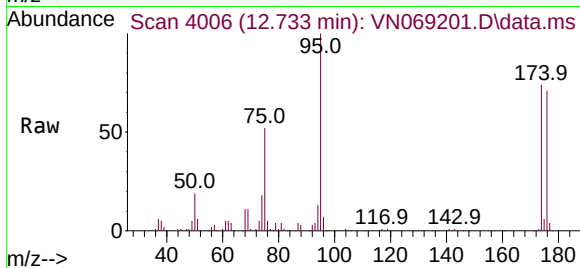




#81
trans-1,4-Dichloro-2-butene
Concen: 73.071 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

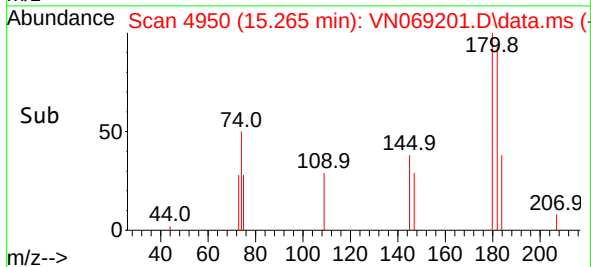
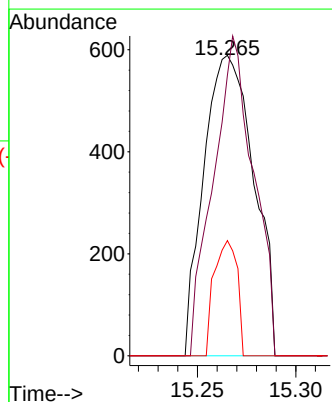
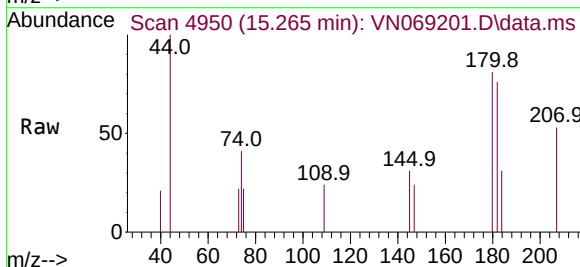
Instrument :
MSVOA_N
ClientSampleId :

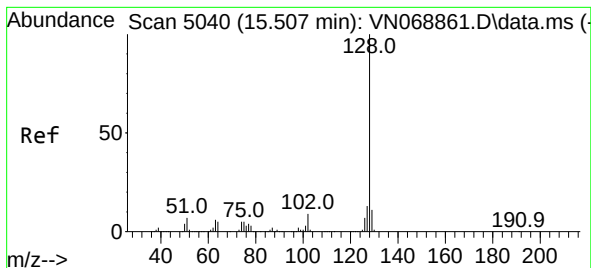
Tgt Ion: 75 Resp: 132718
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.890 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion:180 Resp: 1043
Ion Ratio Lower Upper
180 100
182 85.8 47.9 143.7
145 17.5 16.4 49.2

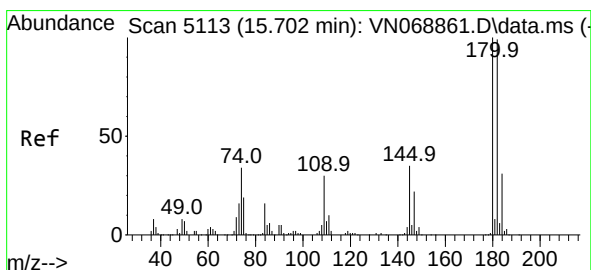
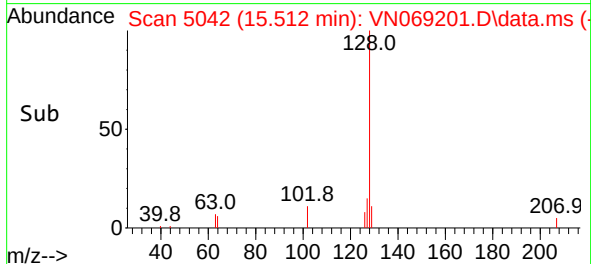
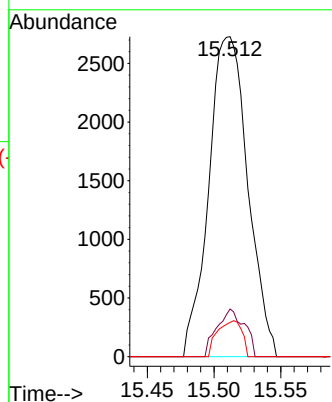
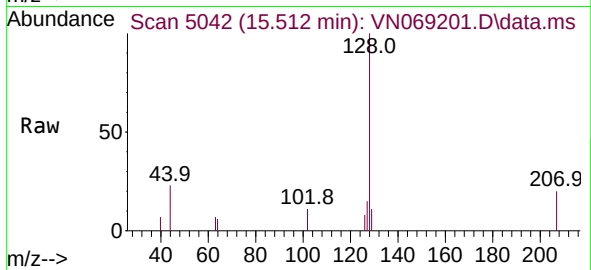




#95
Naphthalene
Concen: 4.353 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 5555
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 7.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.831 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069201.D
Acq: 26 Oct 2021 22:38

Tgt Ion:180 Resp: 1091
Ion Ratio Lower Upper
180 100
182 88.3 48.1 144.3
145 16.5 17.4 52.2#

