

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070276.D
 Acq On : 21 Dec 2021 18:50
 Operator : JC/MD
 Sample : M5182-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:12:30 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)

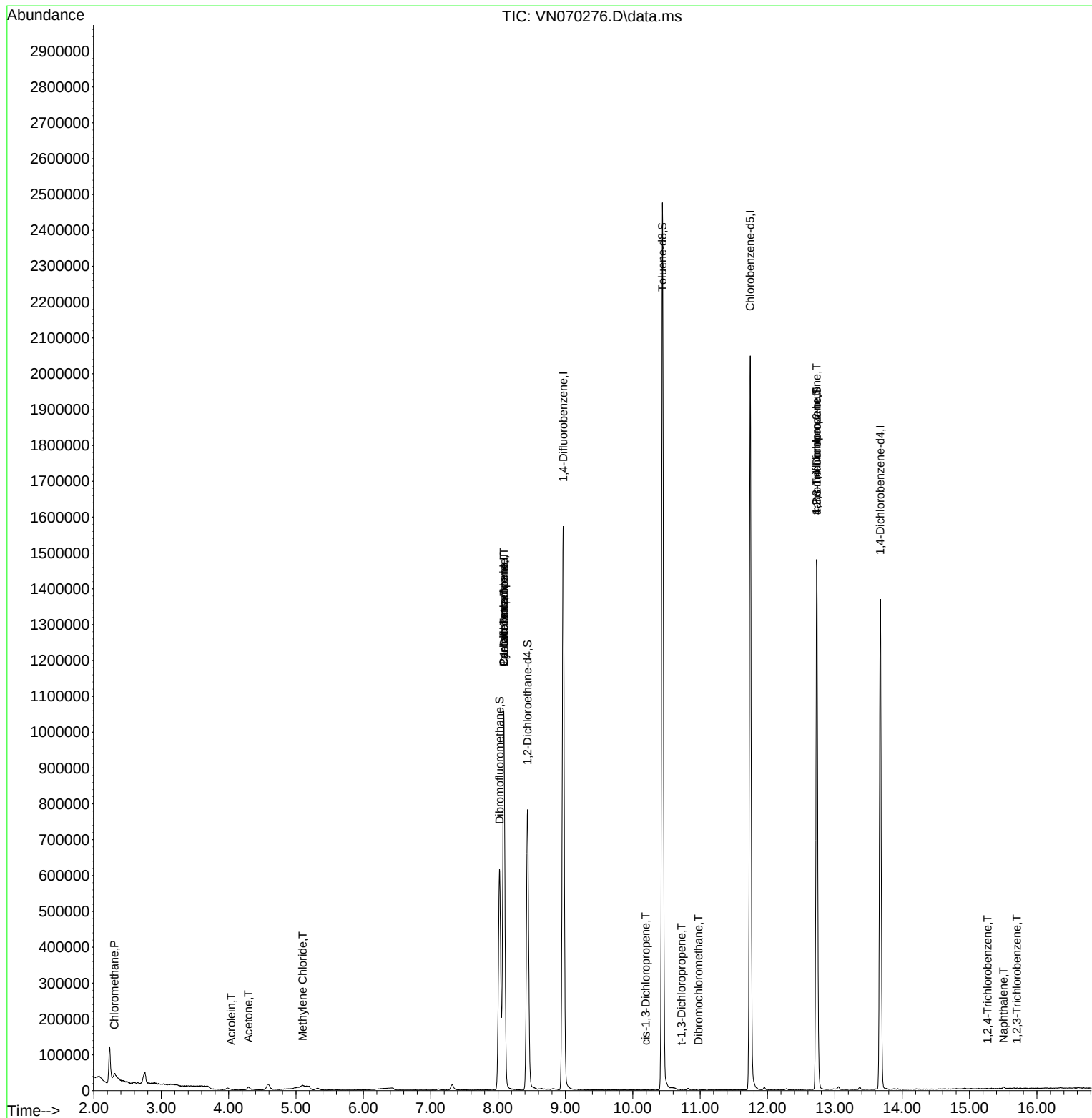
Internal Standards						
1) Pentafluorobenzene	8.086	168	781508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1337128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1148955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	372210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	681977	56.518	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.040%			
35) Dibromofluoromethane	8.021	113	445624	53.206	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.420%			
50) Toluene-d8	10.440	98	1690475	50.266	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.731	95	531930	43.660	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.320%			
Target Compounds					Qvalue	
3) Chloromethane	2.303	50	4531	0.397	ug/l	94
13) Acrolein	4.039	56	893	0.460	ug/l #	50
16) Acetone	4.293	43	8810	1.214	ug/l #	87
20) Methylene Chloride	5.098	84	2161	0.224	ug/l	93
31) Cyclohexane	8.086	56	18707	1.114	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	66830	5.250	ug/l #	50
38) Carbon Tetrachloride	8.086	117	78616	6.298	ug/l #	16
53) t-1,3-Dichloropropene	10.725	75	84	2.799	ug/l #	43
54) cis-1,3-Dichloropropene	10.191	75	90	2.004	ug/l #	56
60) Dibromochloromethane	10.974	129	453	2.418	ug/l #	11
76) 1,2,3-Trichloropropane	12.731	75	287781	26.961	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	287781	85.133	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	137	2.899	ug/l #	43
95) Naphthalene	15.504	128	3968	4.186	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.702	180	154	2.460	ug/l #	12

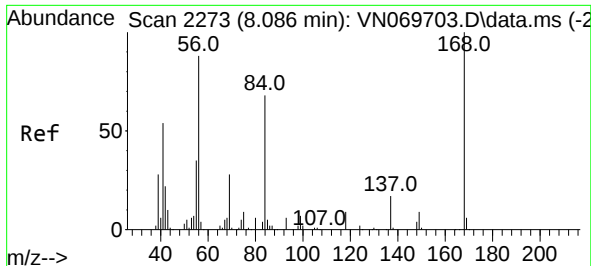
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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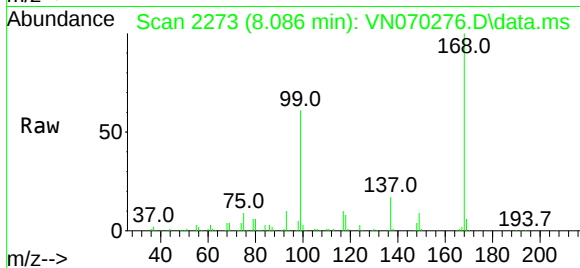
Quant Time: Dec 21 20:12:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



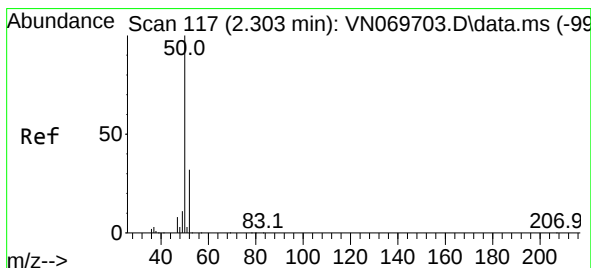
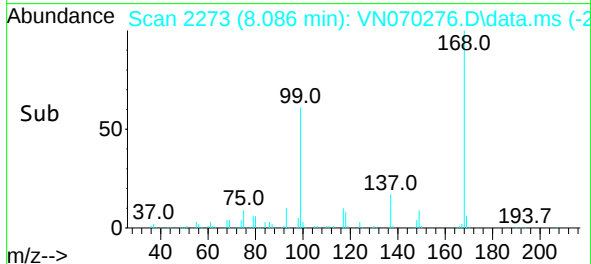
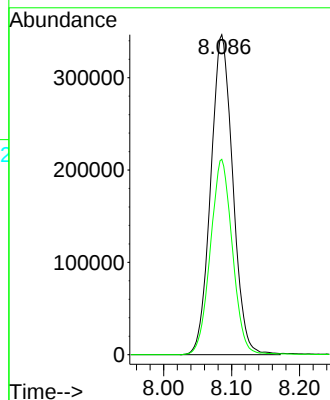


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

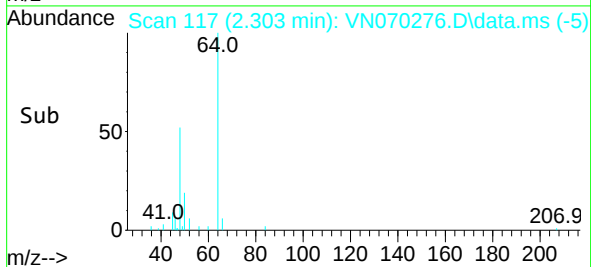
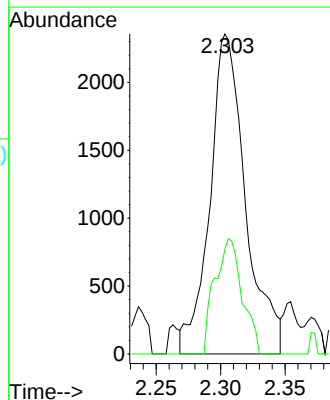
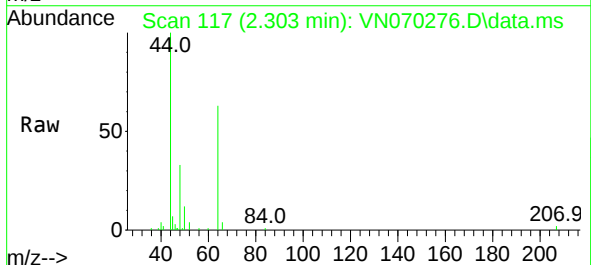


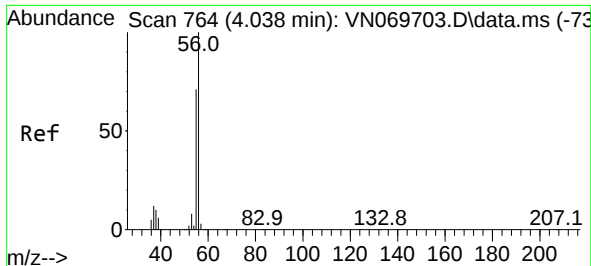
Tgt Ion:168 Resp: 781508
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#3
Chloromethane
Concen: 0.397 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Tgt Ion: 50 Resp: 4531
Ion Ratio Lower Upper
50 100
52 35.2 25.4 38.0

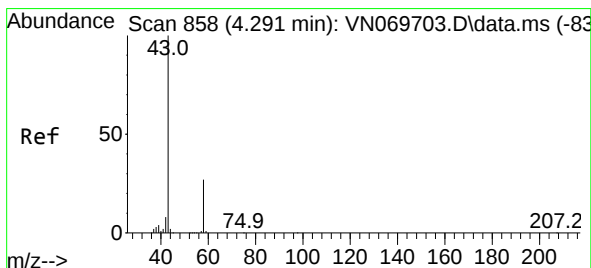
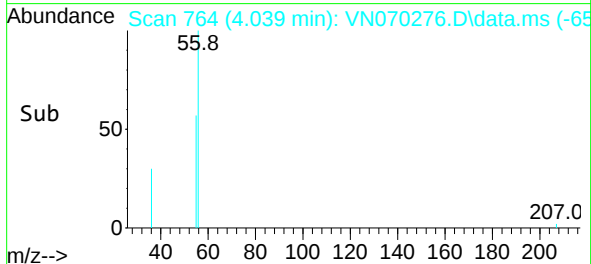
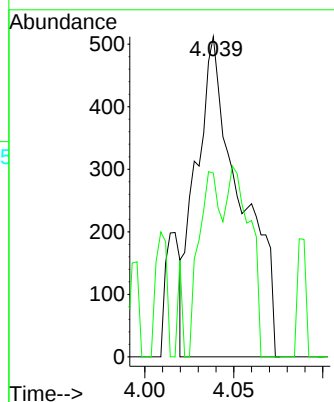
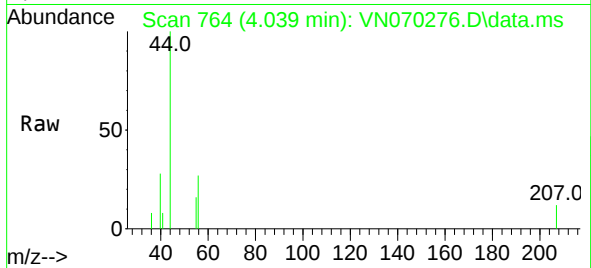




#13
Acrolein
Concen: 0.460 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

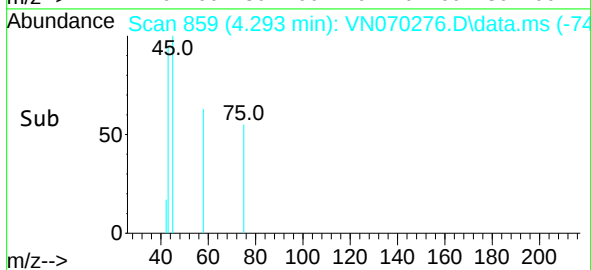
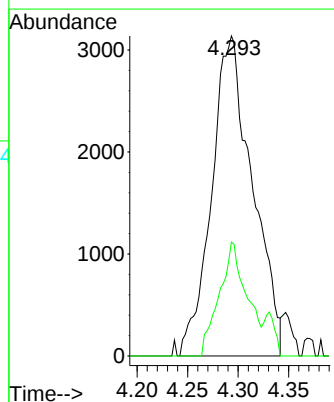
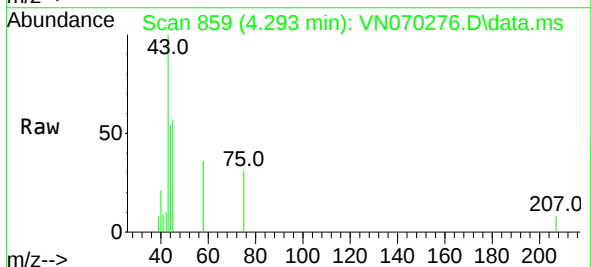
Instrument :
MSVOA_N
ClientSampleId :

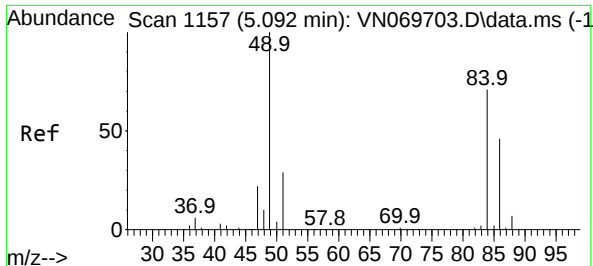
Tgt Ion: 56 Resp: 893
Ion Ratio Lower Upper
56 100
55 29.2 56.6 85.0#



#16
Acetone
Concen: 1.214 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

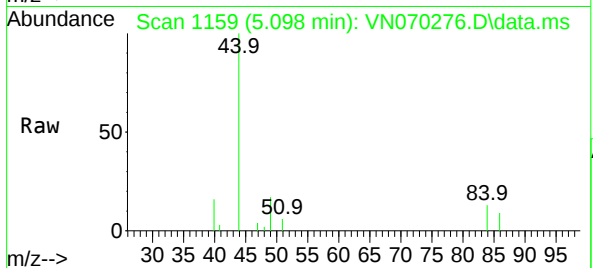
Tgt Ion: 43 Resp: 8810
Ion Ratio Lower Upper
43 100
58 35.6 23.1 34.7#



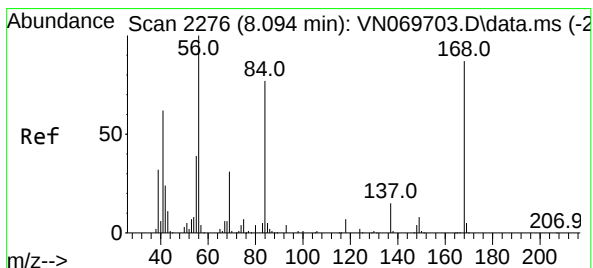
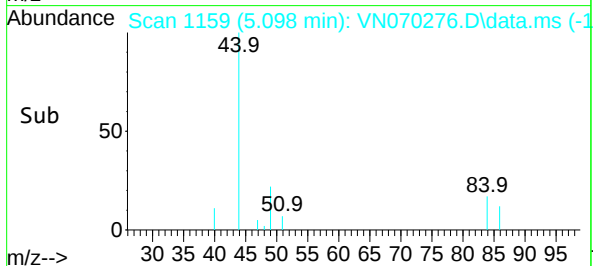
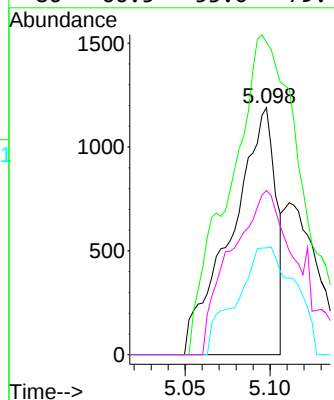


#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

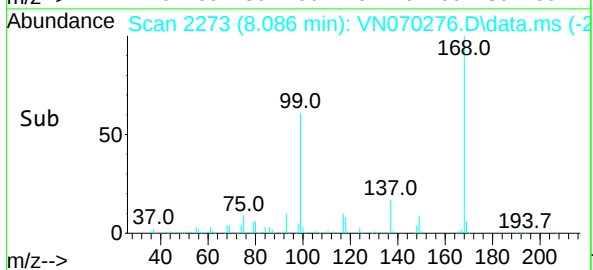
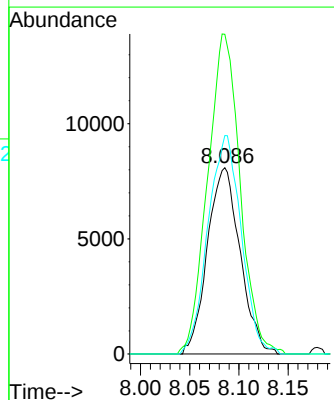
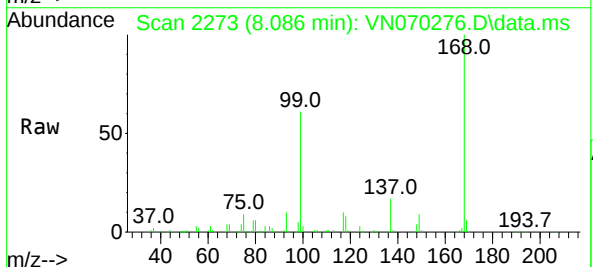


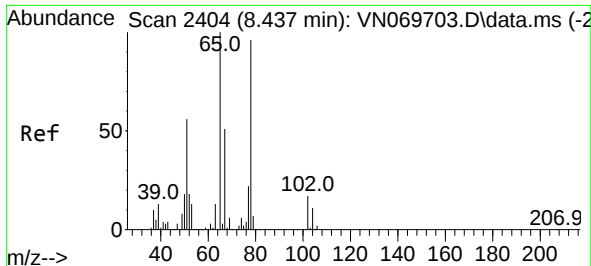
Tgt Ion:	84	Resp:	2161
Ion	Ratio	Lower	Upper
84	100		
49	126.5	93.5	140.3
51	43.2	29.4	44.2
86	66.5	53.0	79.4



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Tgt Ion:	56	Resp:	18707
Ion	Ratio	Lower	Upper
56	100		
69	169.5	27.1	40.7#
84	117.3	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 56.518 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070276.D

Acq: 21 Dec 2021 18:50

Instrument :

MSVOA_N

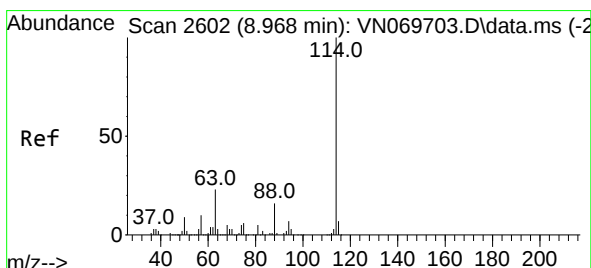
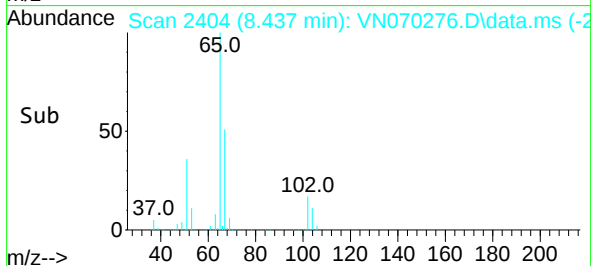
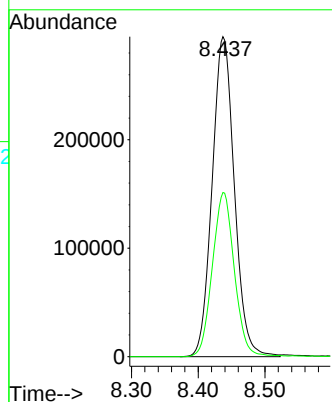
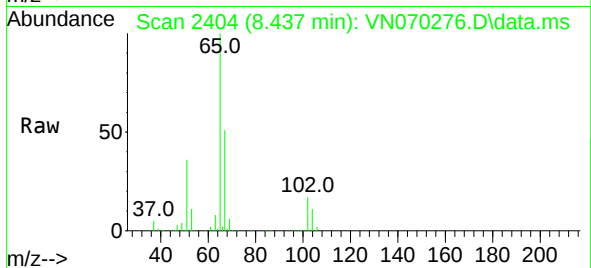
ClientSampleId :

Tgt Ion: 65 Resp: 681977

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# 2602

Delta R.T. -0.000 min

Lab File: VN070276.D

Acq: 21 Dec 2021 18:50

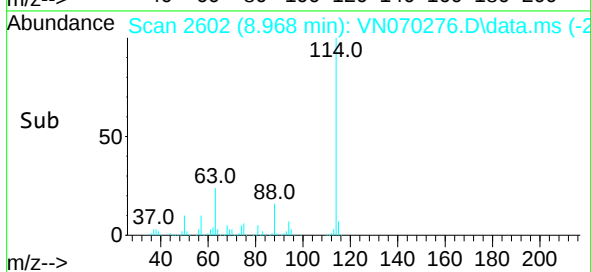
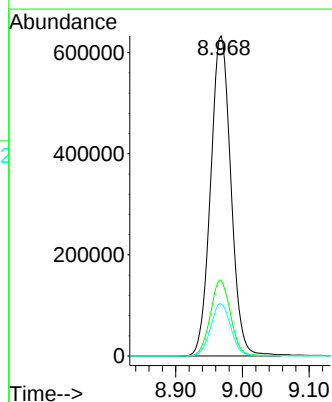
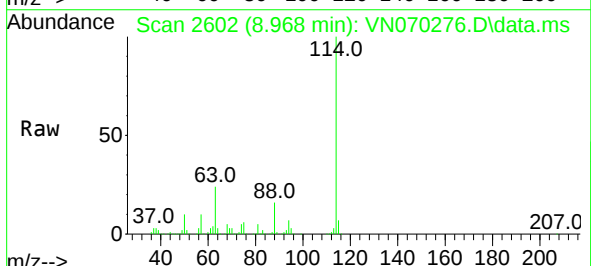
Tgt Ion: 114 Resp: 1337128

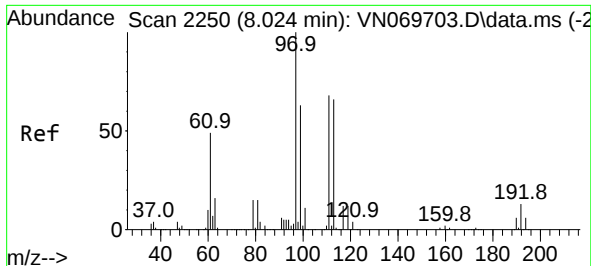
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

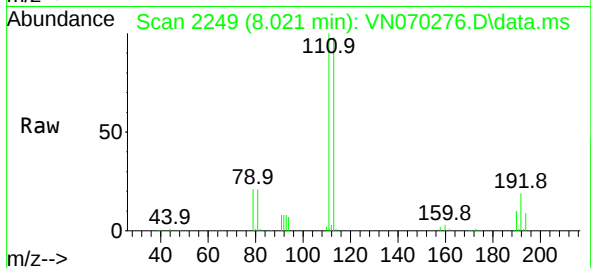
88 16.3 0.0 27.4



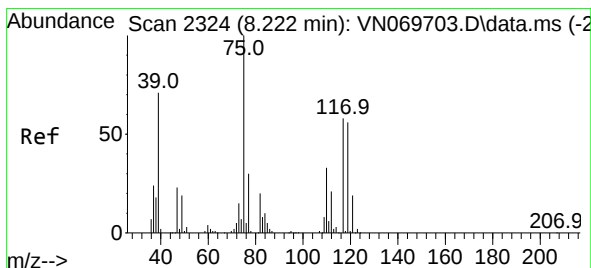
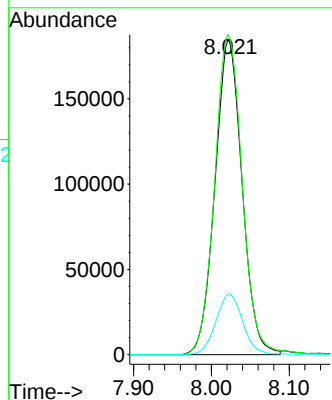
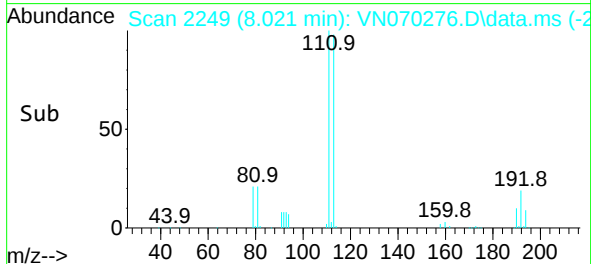


#35
Dibromofluoromethane
Concen: 53.206 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

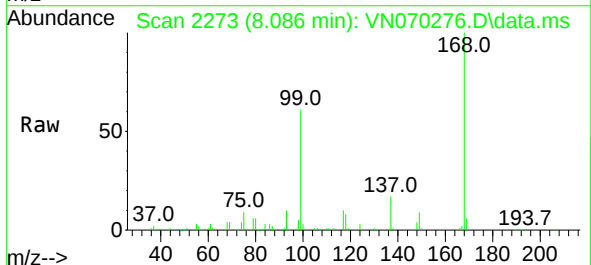
Instrument :
MSVOA_N
ClientSampleId :



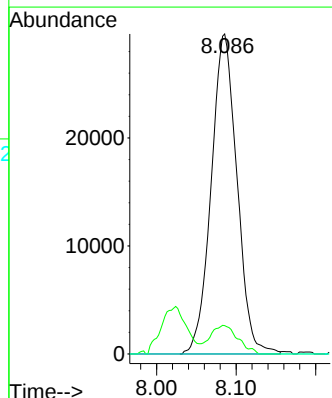
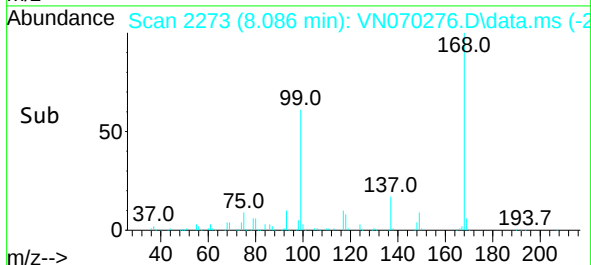
Tgt Ion:113 Resp: 445624
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.2 16.9 25.3

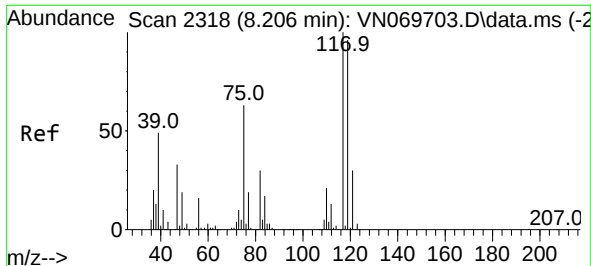


#36
1,1-Dichloropropene
Concen: 5.250 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50



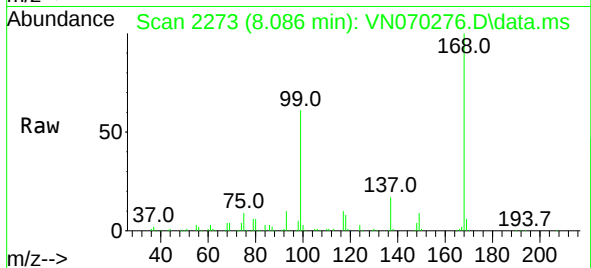
Tgt Ion: 75 Resp: 66830
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.4 36.6#



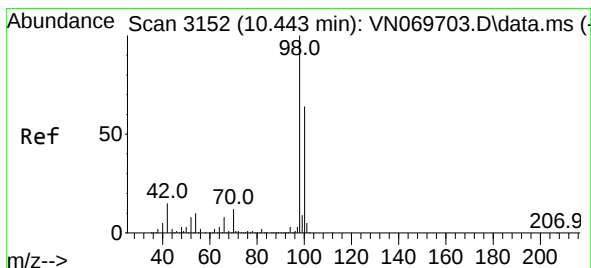
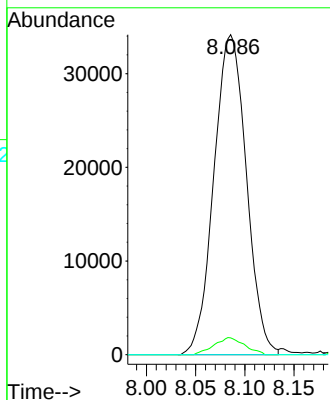
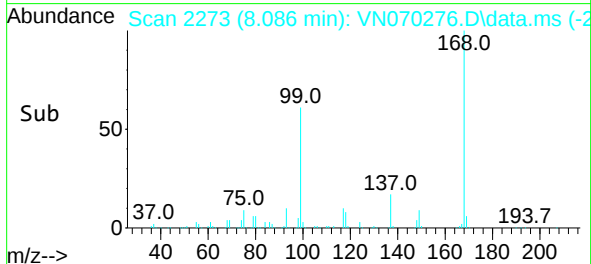


#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.121 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

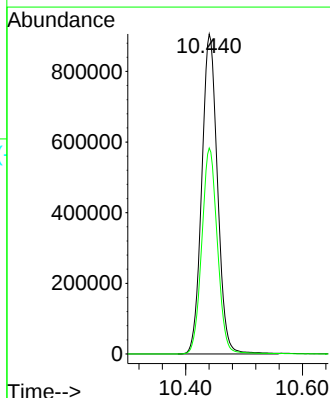
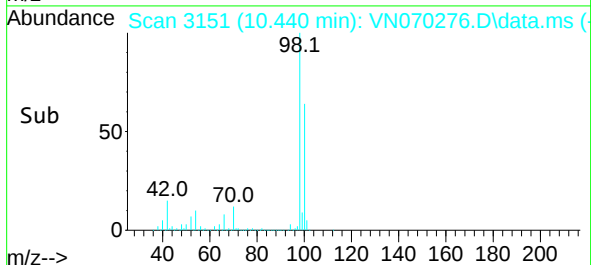
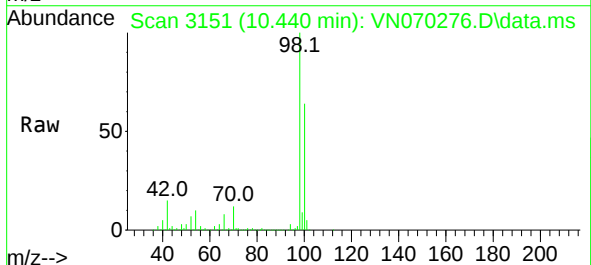


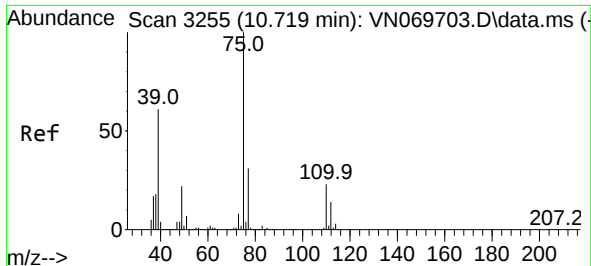
Tgt Ion:117 Resp: 78616
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.266 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

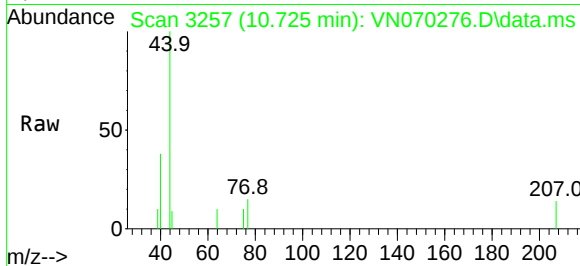
Tgt Ion: 98 Resp: 1690475
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



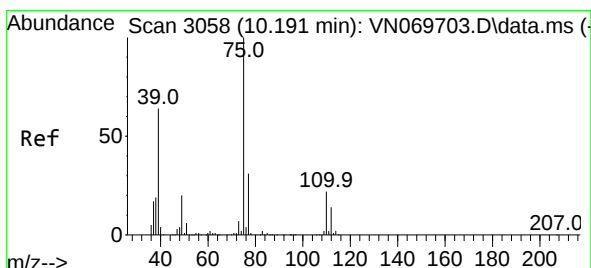
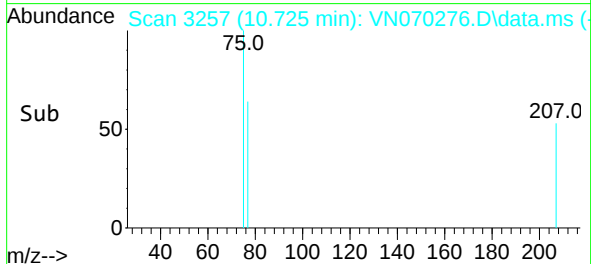
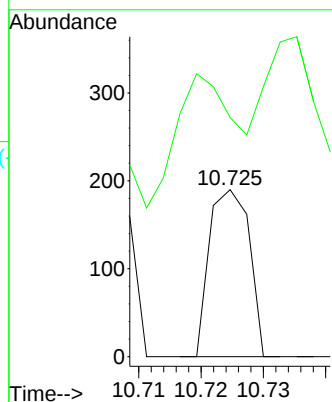


#53
t-1,3-Dichloropropene
Concen: 2.799 ug/l
RT: 10.725 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

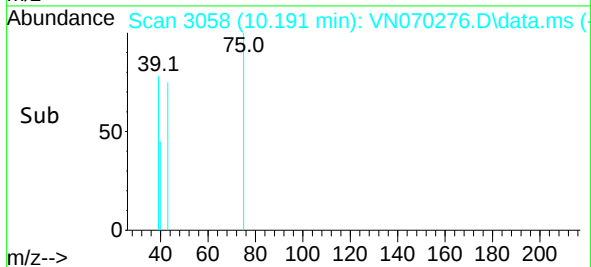
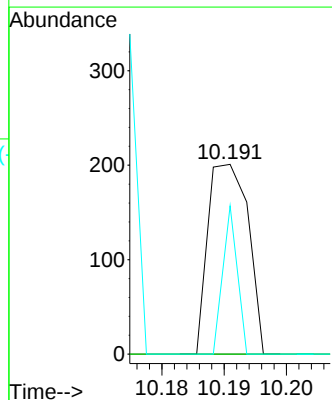
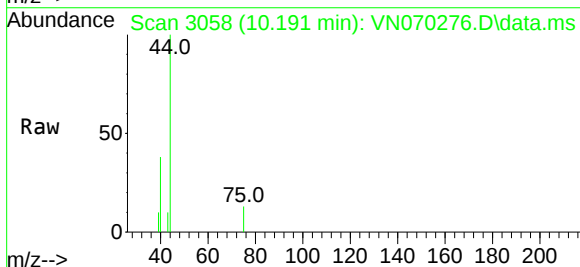


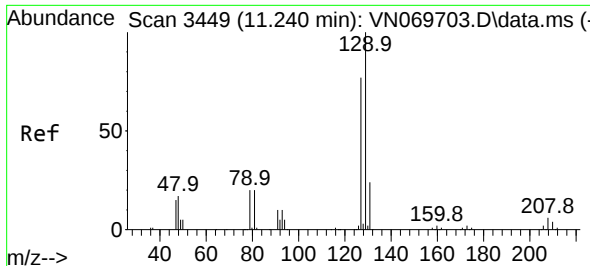
Tgt Ion: 75 Resp: 84
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.004 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 78.1 42.5 63.7#

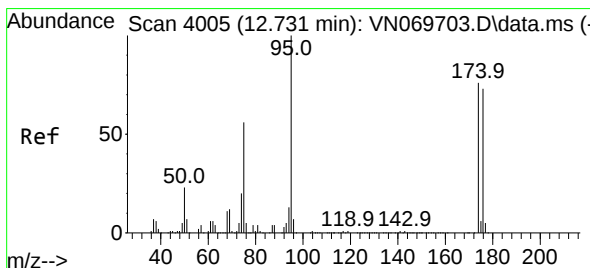
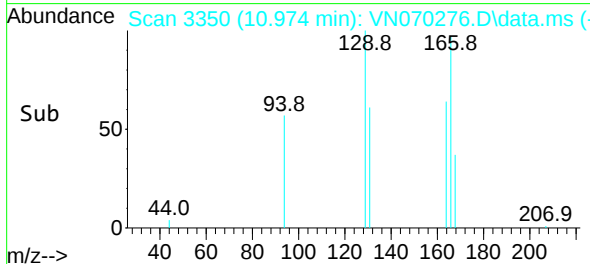
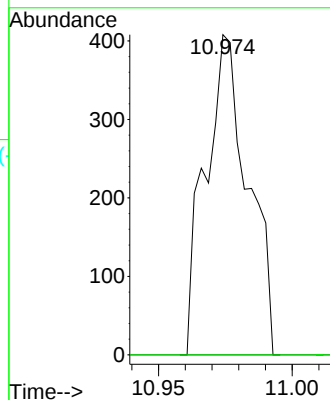
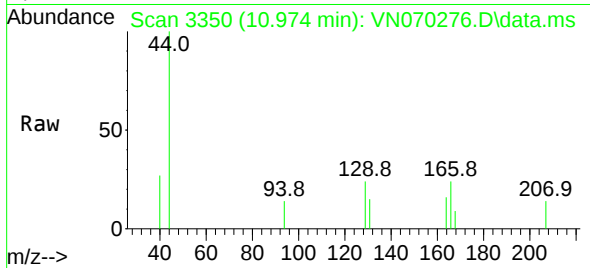




#60
Dibromochloromethane
Concen: 2.418 ug/l
RT: 10.974 min Scan# 31
Delta R.T. -0.266 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

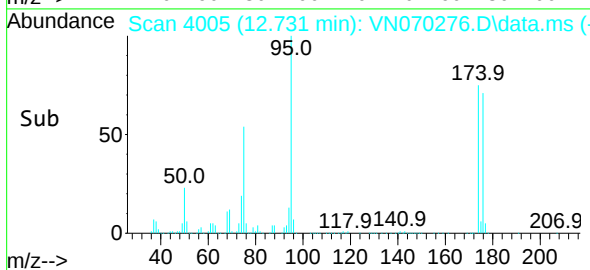
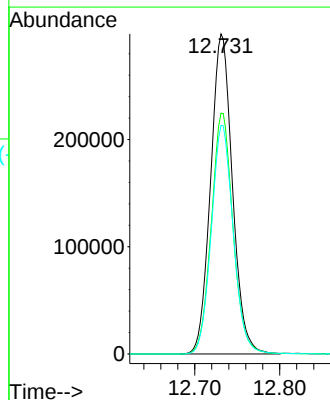
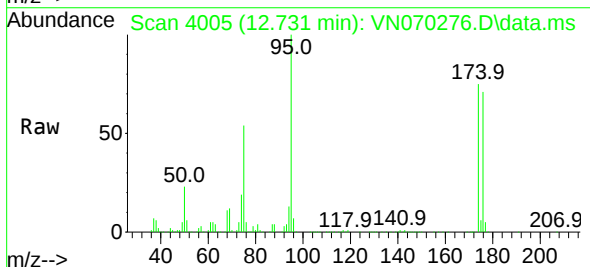
Instrument :
MSVOA_N
ClientSampleId :

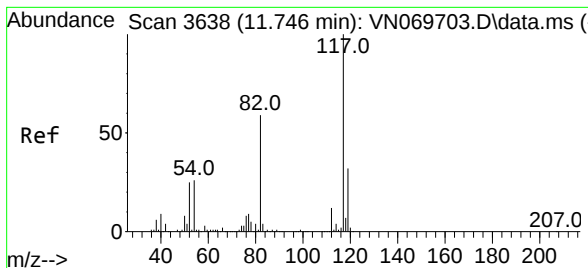
Tgt Ion:129 Resp: 453
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 43.660 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Tgt Ion: 95 Resp: 531930
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 71.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

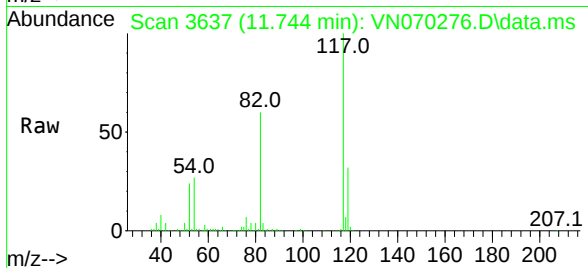
Lab File: VN070276.D

Acq: 21 Dec 2021 18:50

Instrument :

MSVOA_N

ClientSampleId :



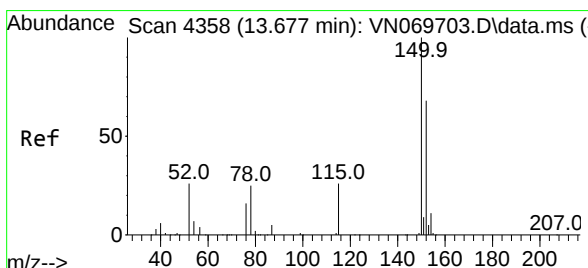
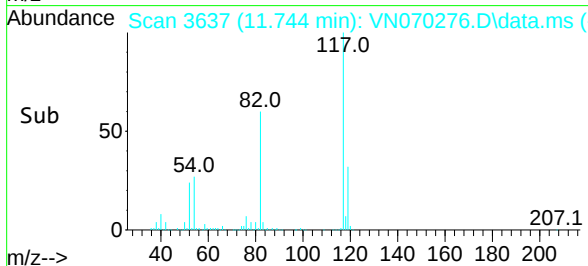
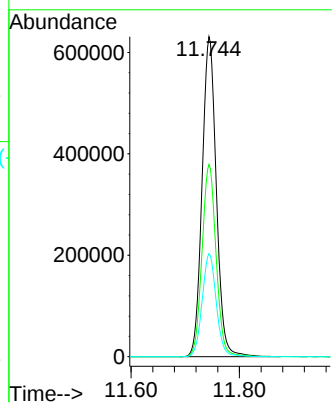
Tgt Ion:117 Resp: 1148955

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.003 min

Lab File: VN070276.D

Acq: 21 Dec 2021 18:50

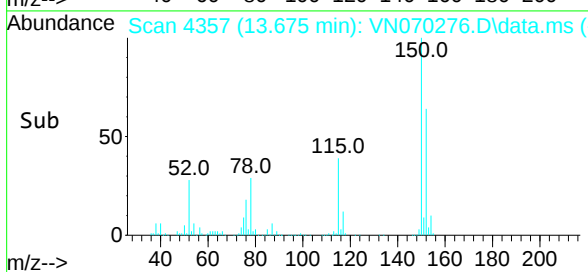
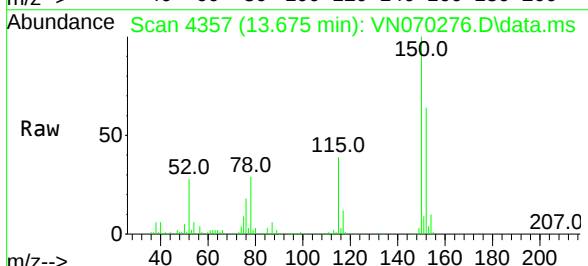
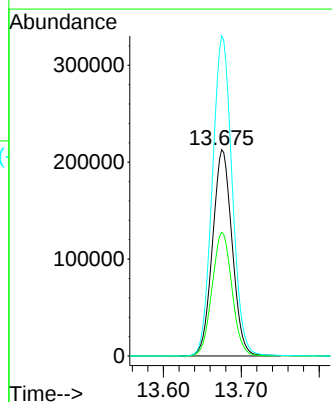
Tgt Ion:152 Resp: 372210

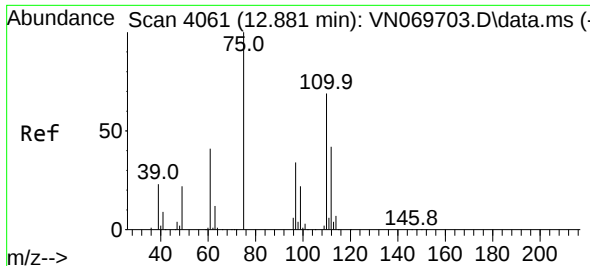
Ion Ratio Lower Upper

152 100

115 60.8 27.5 82.5

150 156.6 0.0 344.4

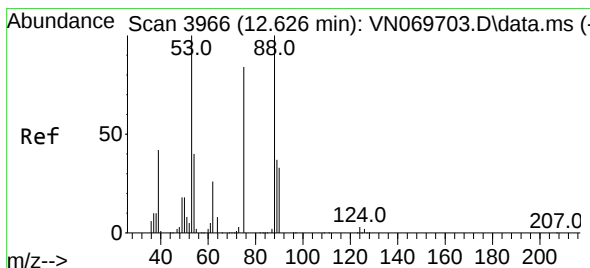
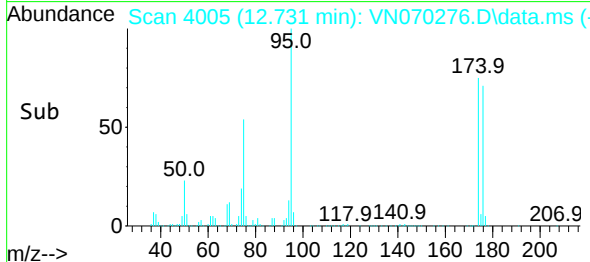
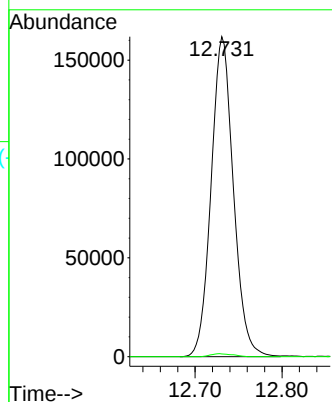
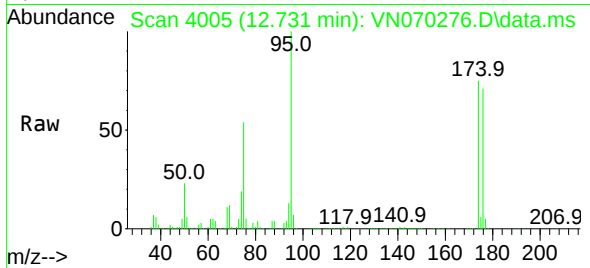




#76
1,2,3-Trichloropropane
Concen: 26.961 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

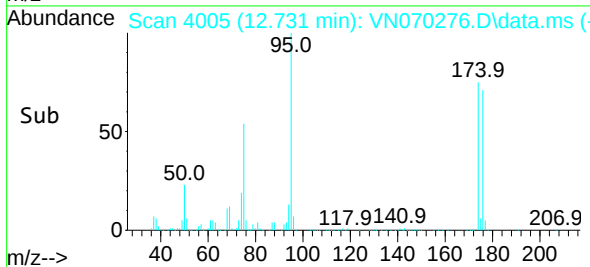
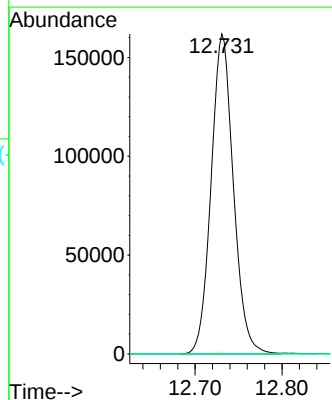
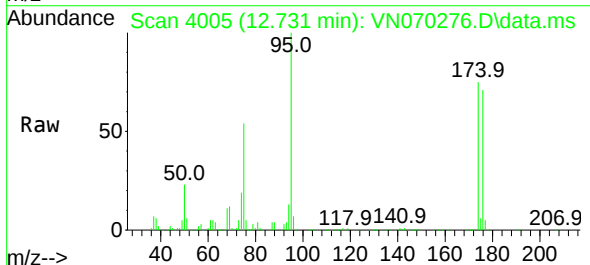
Instrument :
MSVOA_N
ClientSampleId :

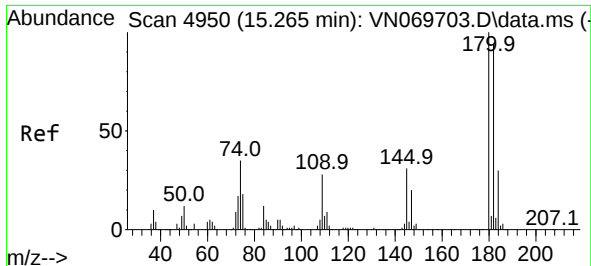
Tgt Ion: 75 Resp: 287781
Ion Ratio Lower Upper
75 100
77 0.9 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.133 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

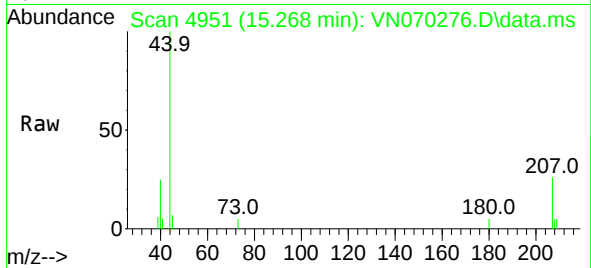
Tgt Ion: 75 Resp: 287781
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



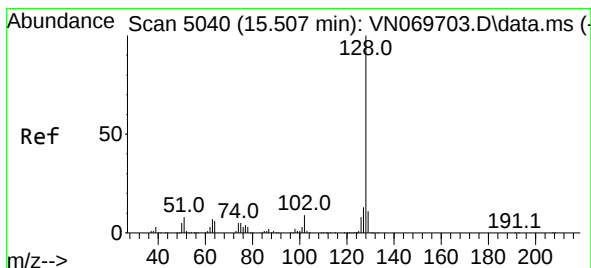
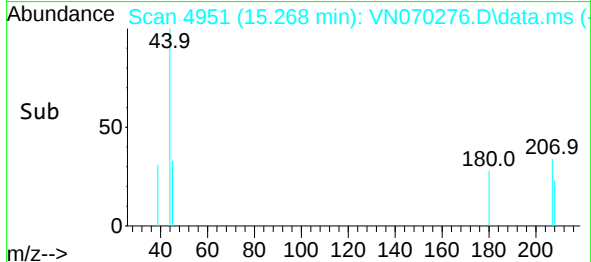
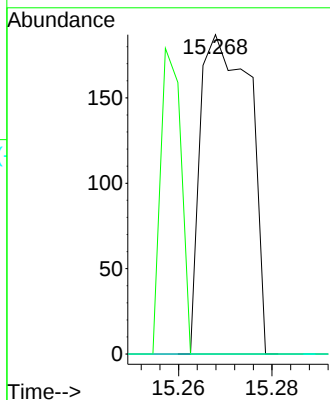


#93
1,2,4-Trichlorobenzene
Concen: 2.899 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

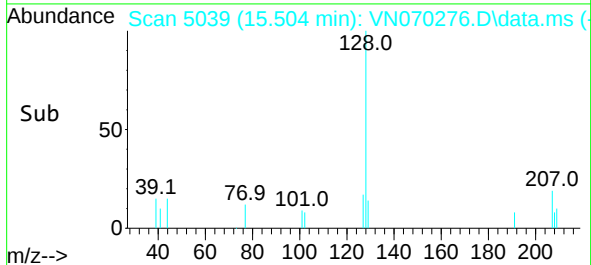
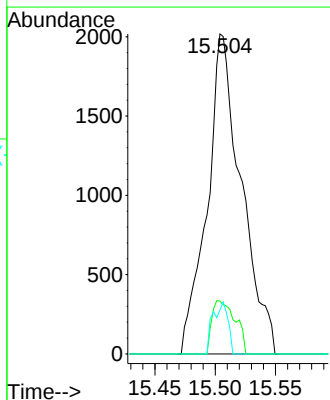
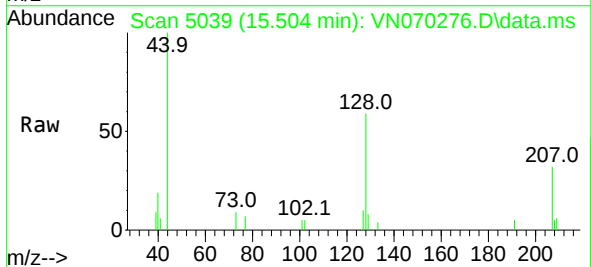


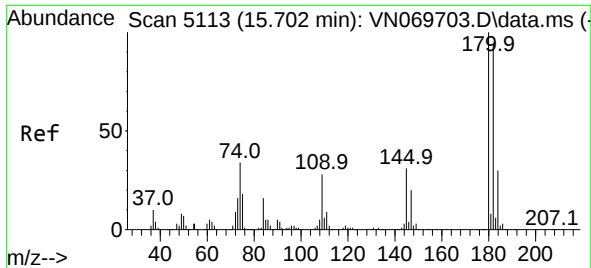
Tgt Ion:180 Resp: 137
Ion Ratio Lower Upper
180 100
182 39.4 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.186 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070276.D
Acq: 21 Dec 2021 18:50

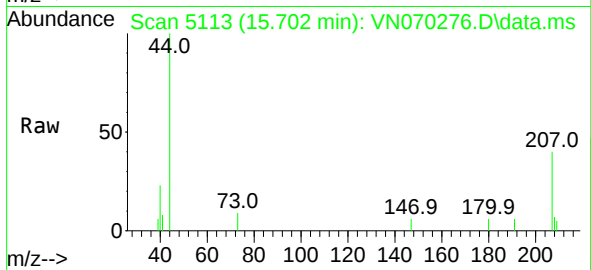
Tgt Ion:128 Resp: 3968
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 7.1 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.460 ug/l
 RT: 15.702 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN070276.D
 Acq: 21 Dec 2021 18:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 154
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 15.0 45.1#

