

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069027.D
 Acq On : 19 Oct 2021 15:43
 Operator : JC/MD
 Sample : M4251-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:48:49 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)

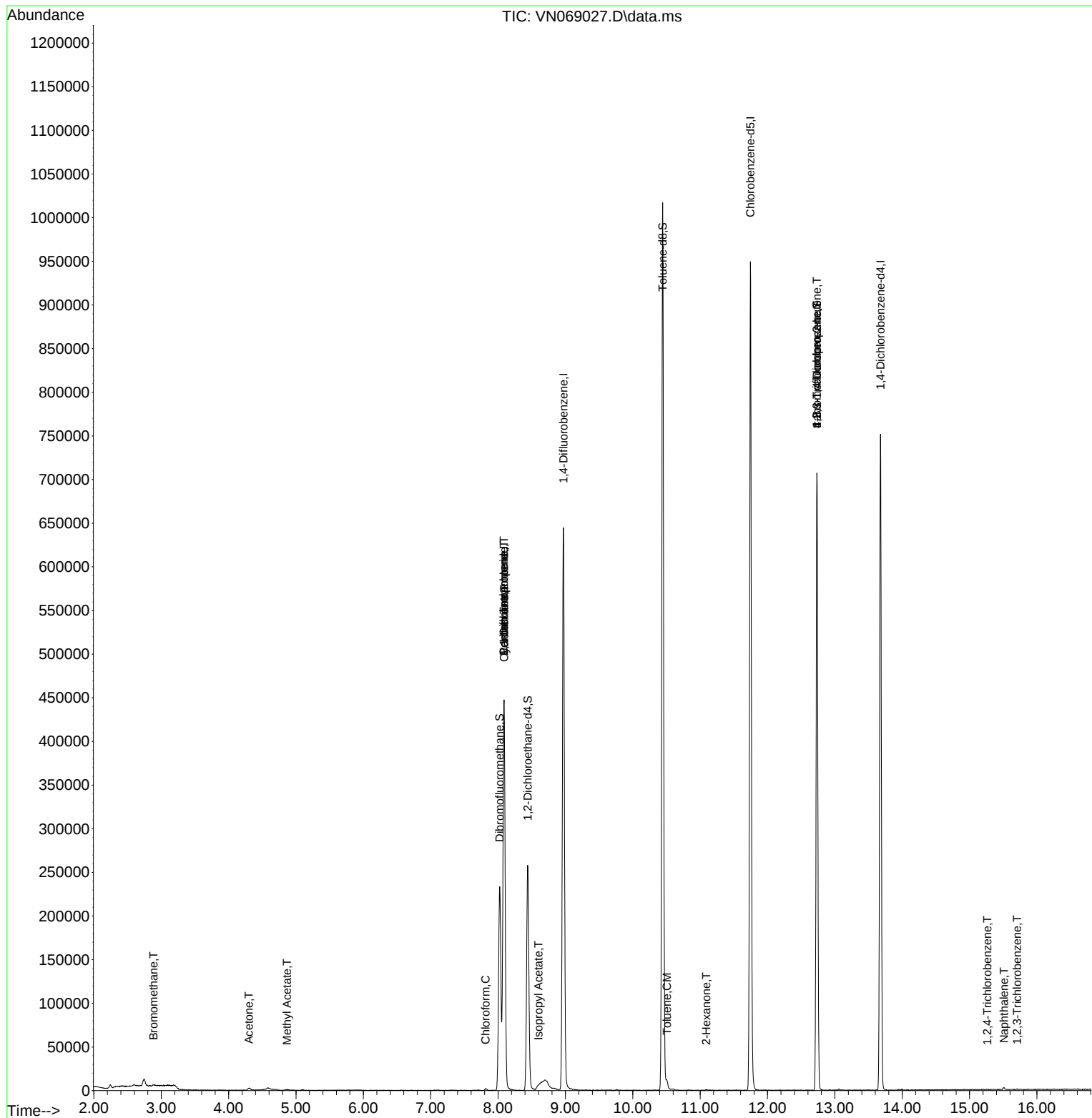
Internal Standards						
1) Pentafluorobenzene	8.088	168	339144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	589692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	554574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	202637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219679	49.129	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.260%		
35) Dibromofluoromethane	8.024	113	175026	51.015	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.020%		
50) Toluene-d8	10.443	98	733010	53.397	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.800%		
62) 4-Bromofluorobenzene	12.733	95	256040	49.436	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.880%		
Target Compounds						Qvalue
5) Bromomethane	2.882	94	497	0.215	ug/l #	24
16) Acetone	4.299	43	4231	2.536	ug/l	99
18) Methyl Acetate	4.867	43	1631	0.258	ug/l #	59
30) Chloroform	7.815	83	1983	0.283	ug/l	95
31) Cyclohexane	8.091	56	7924	1.140	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	28759	5.710	ug/l #	49
38) Carbon Tetrachloride	8.088	117	35464	6.411	ug/l #	16
43) Isopropyl Acetate	8.600	43	4380	0.477	ug/l #	55
52) Toluene	10.505	92	2611	0.265	ug/l	88
59) 2-Hexanone	11.092	43	851	0.223	ug/l #	50
76) 1,2,3-Trichloropropane	12.733	75	133650	30.998	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133650	74.161	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	119	2.635	ug/l #	1
95) Naphthalene	15.512	128	3134	4.120	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.705	180	339	2.613	ug/l #	54

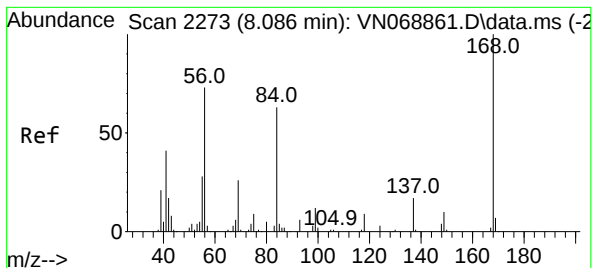
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN069027.D

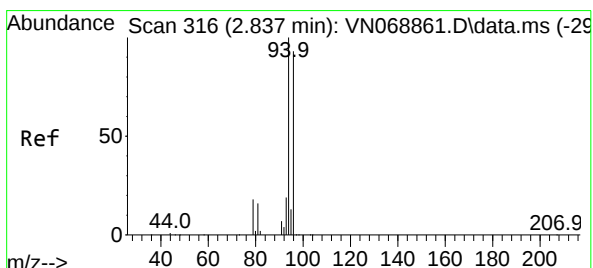
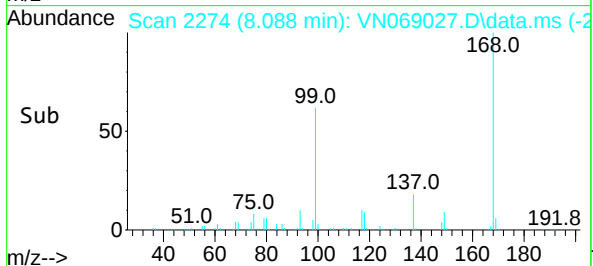
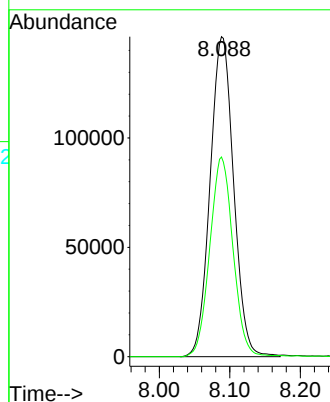
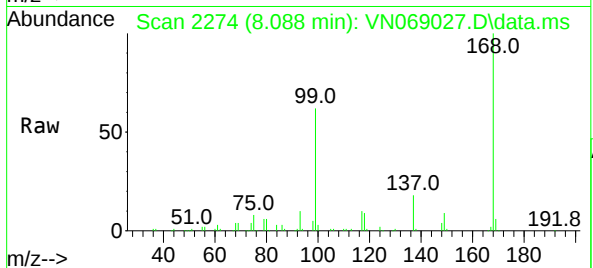
Acq: 19 Oct 2021 15:43

Tgt Ion:168 Resp: 339144

Ion Ratio Lower Upper

168 100

99 62.4 48.9 73.3



#5

Bromomethane

Concen: 0.215 ug/l

RT: 2.882 min Scan# 333

Delta R.T. 0.046 min

Lab File: VN069027.D

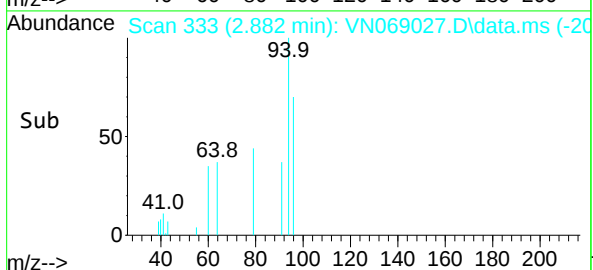
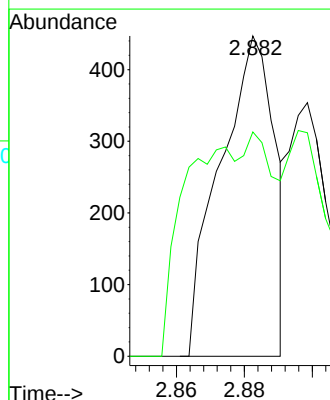
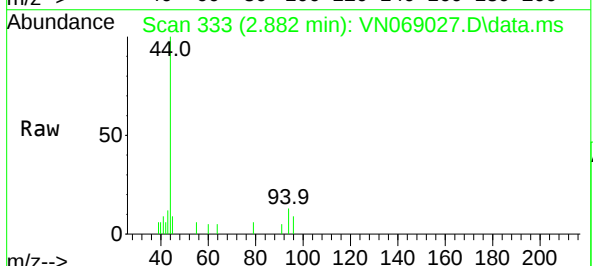
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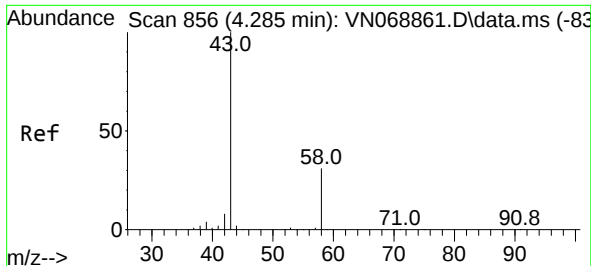
Tgt Ion: 94 Resp: 497

Ion Ratio Lower Upper

94 100

96 20.4 74.2 111.4#

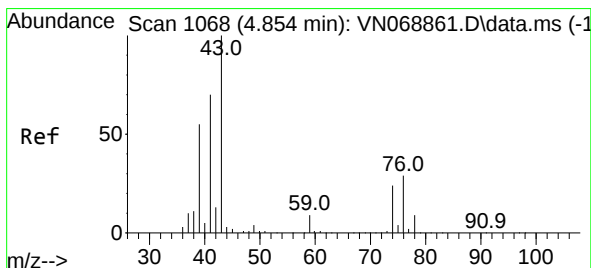
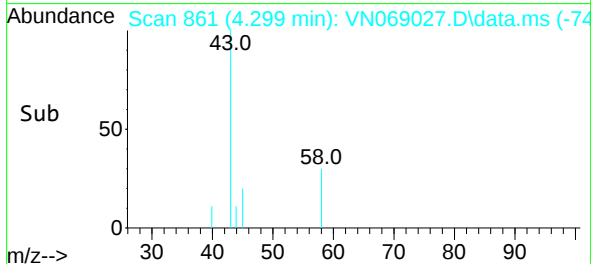
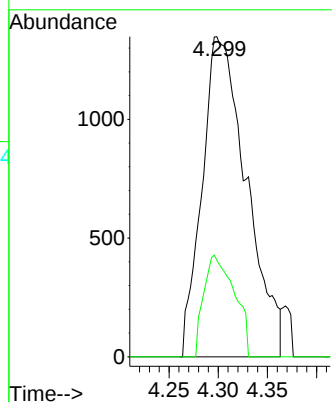
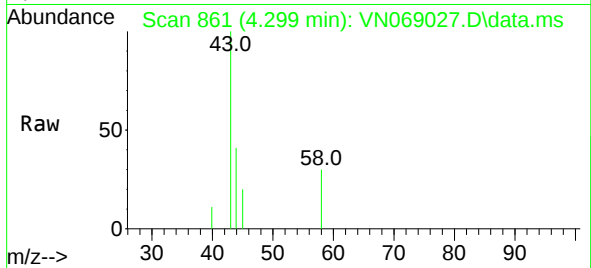




#16
Acetone
Concen: 2.536 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

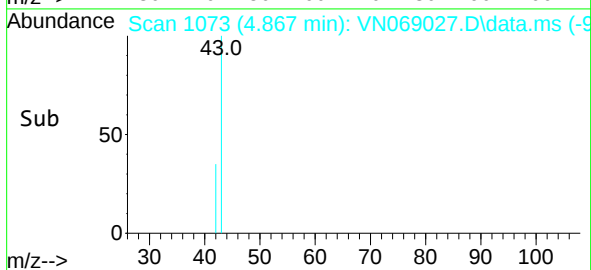
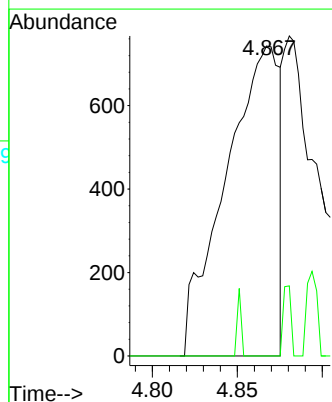
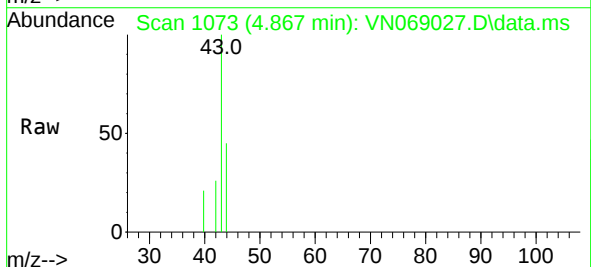
Instrument :
MSVOA_N
ClientSampled :

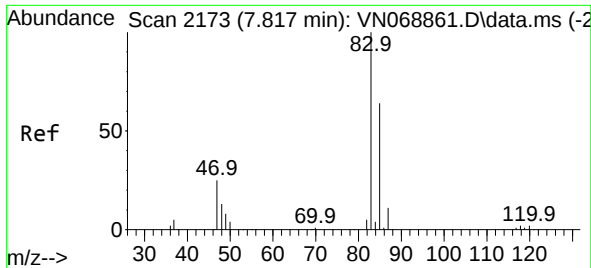
Tgt Ion: 43 Resp: 4231
Ion Ratio Lower Upper
43 100
58 30.2 24.5 36.7



#18
Methyl Acetate
Concen: 0.258 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
74 3.3 18.9 28.3#





#30

Chloroform

Concen: 0.283 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN069027.D

Acq: 19 Oct 2021 15:43

Tgt Ion: 83 Resp: 1983

Ion Ratio Lower Upper

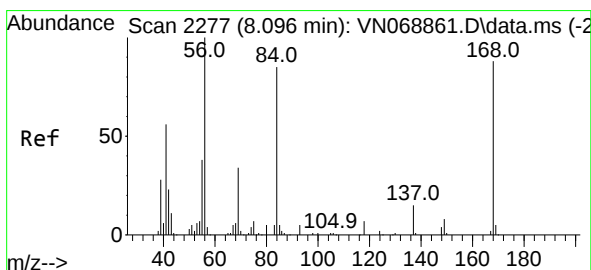
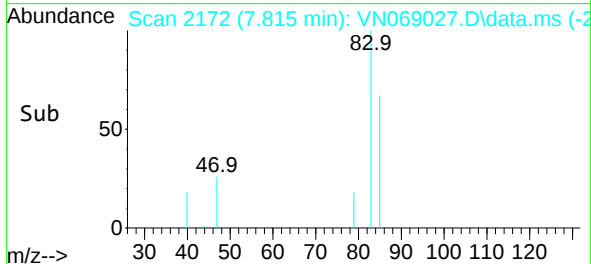
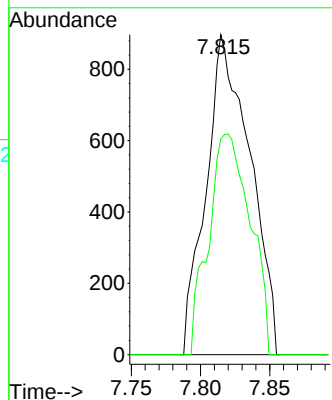
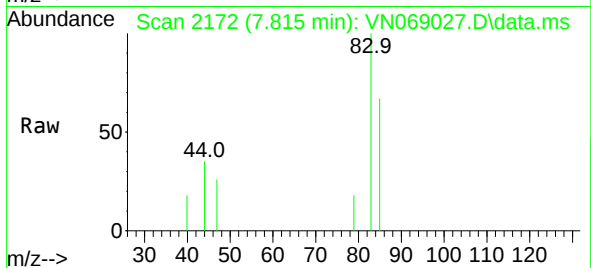
83 100

85 67.4 51.1 76.7

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.005 min

Lab File: VN069027.D

Acq: 19 Oct 2021 15:43

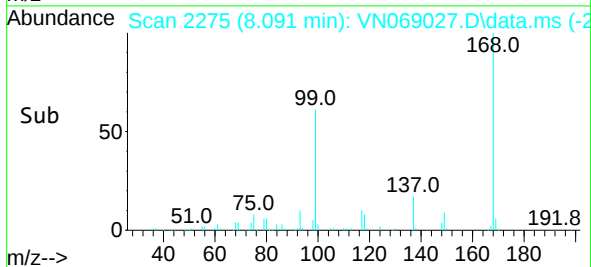
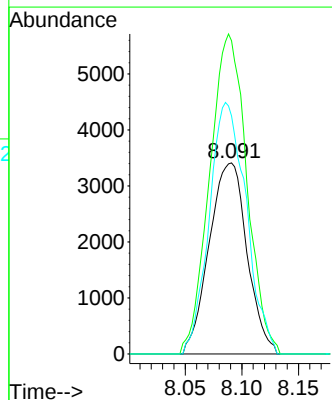
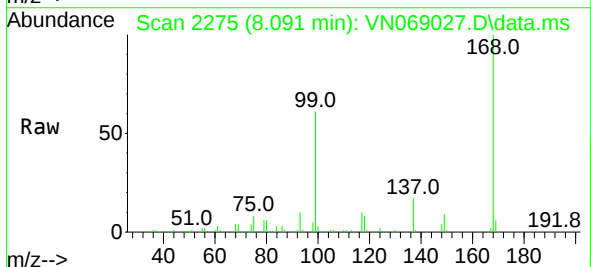
Tgt Ion: 56 Resp: 7924

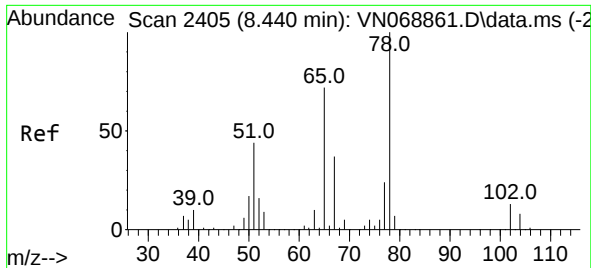
Ion Ratio Lower Upper

56 100

69 163.8 26.9 40.3#

84 124.5 67.6 101.4#



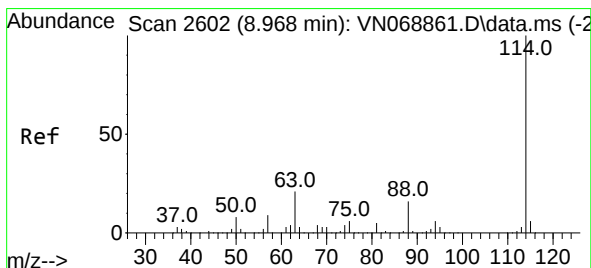
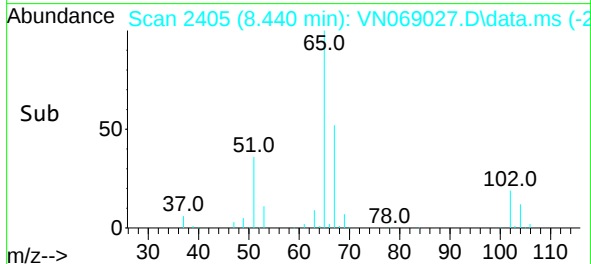
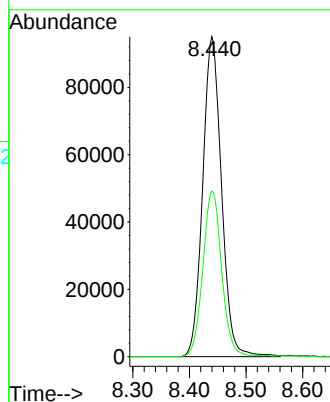
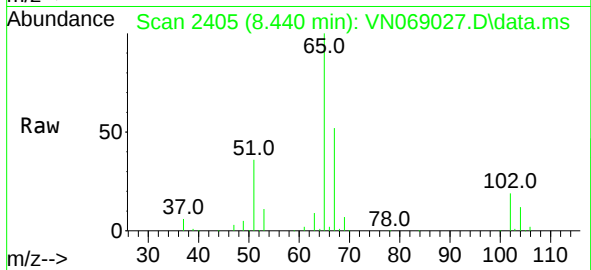


#33

1,2-Dichloroethane-d4
Concen: 49.129 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Instrument :
MSVOA_N
ClientSampled :

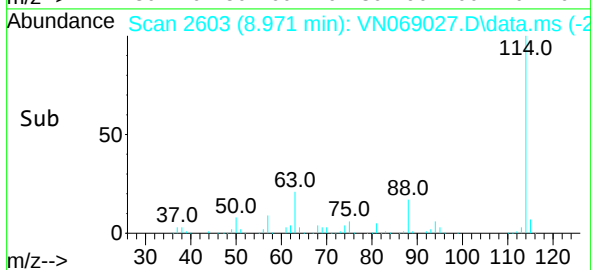
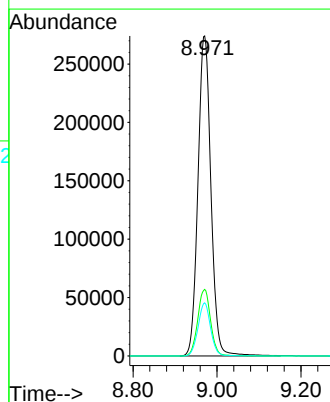
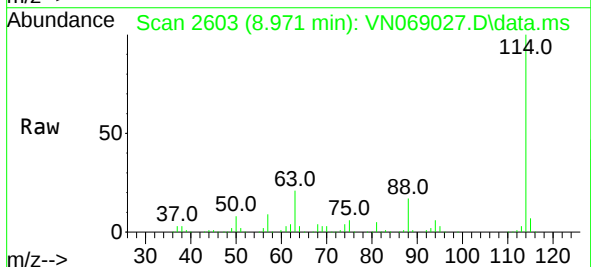
Tgt Ion: 65 Resp: 219679
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8

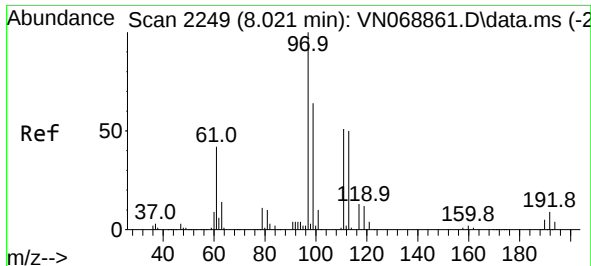


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 114 Resp: 589692
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.6 0.0 32.0

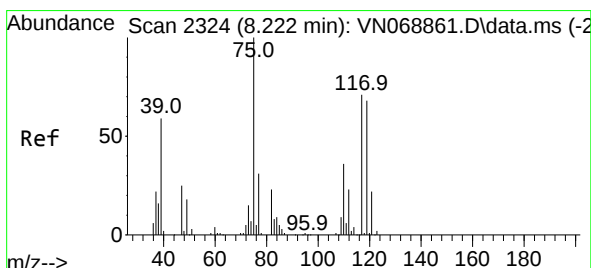
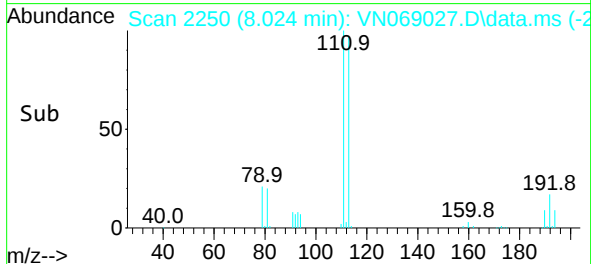
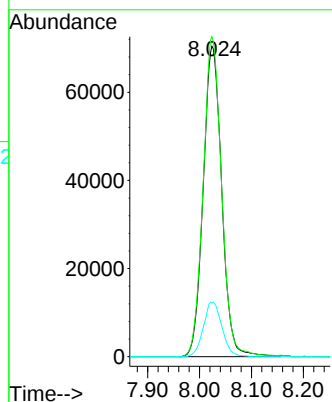
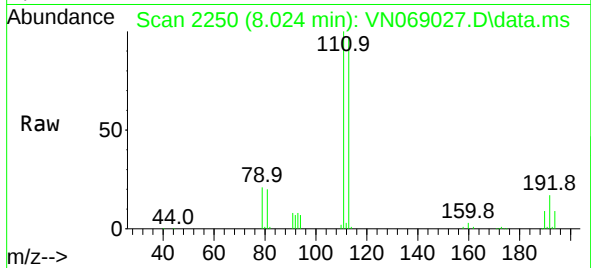




#35
Dibromofluoromethane
Concen: 51.015 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

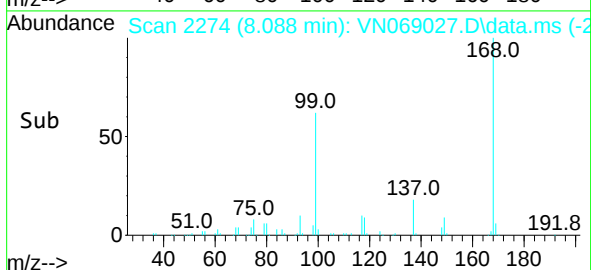
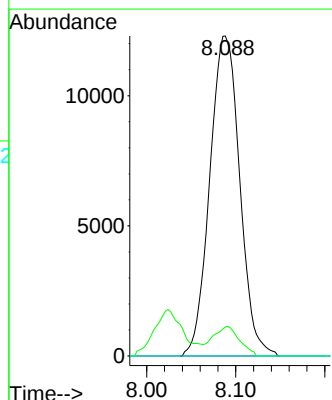
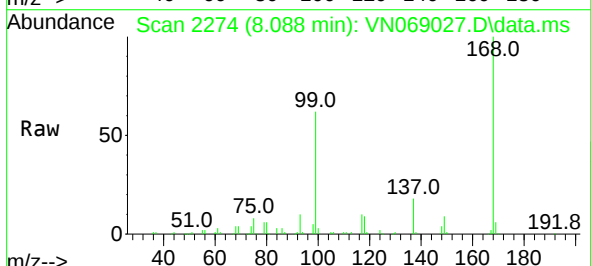
Instrument :
MSVOA_N
ClientSampled :

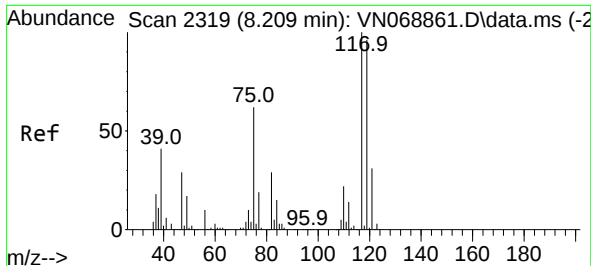
Tgt Ion:113 Resp: 175026
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.710 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

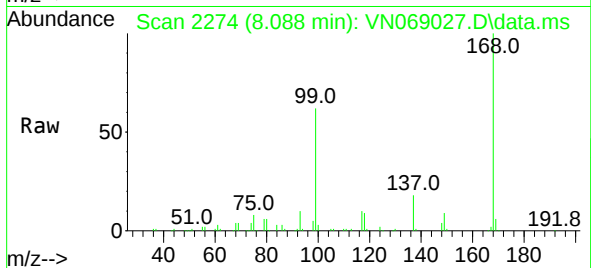
Tgt Ion: 75 Resp: 28759
Ion Ratio Lower Upper
75 100
110 8.2 17.9 53.8#
77 0.0 24.7 37.1#



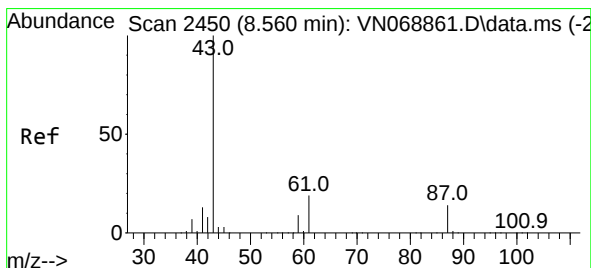
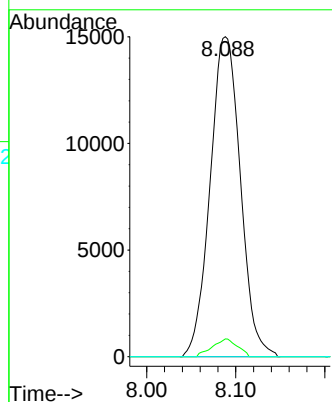
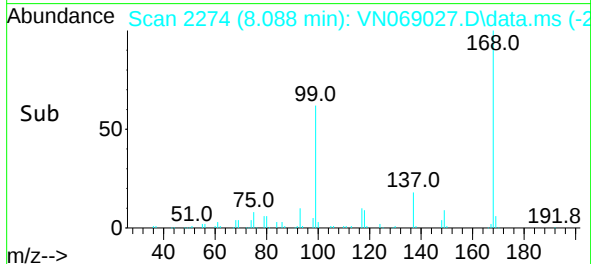


#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

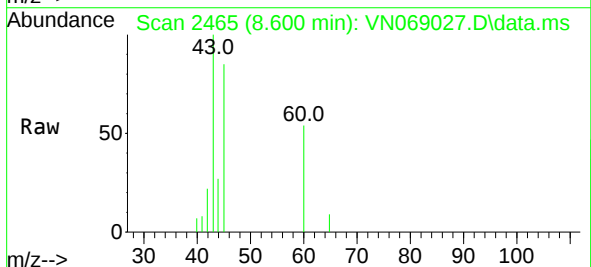
Instrument :
MSVOA_N
ClientSampled :



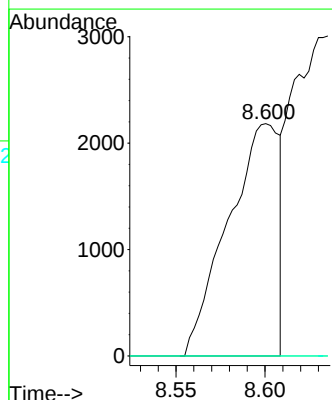
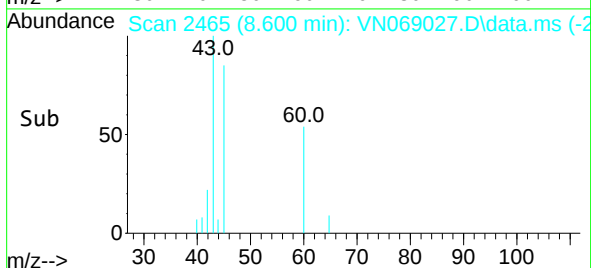
Tgt Ion:117 Resp: 35464
Ion Ratio Lower Upper
117 100
119 5.5 76.9 115.3#
121 0.0 24.6 37.0#

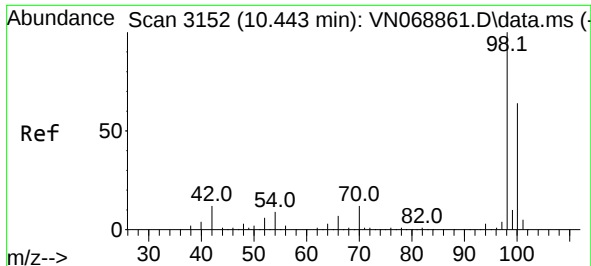


#43
Isopropyl Acetate
Concen: 0.477 ug/l
RT: 8.600 min Scan# 2465
Delta R.T. 0.040 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43



Tgt Ion: 43 Resp: 4380
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

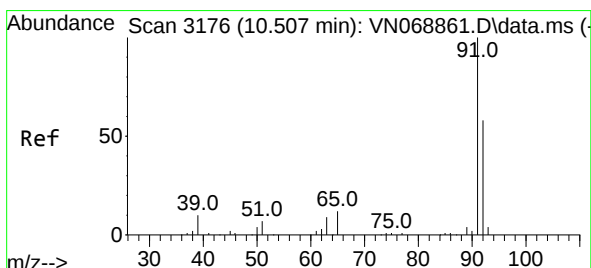
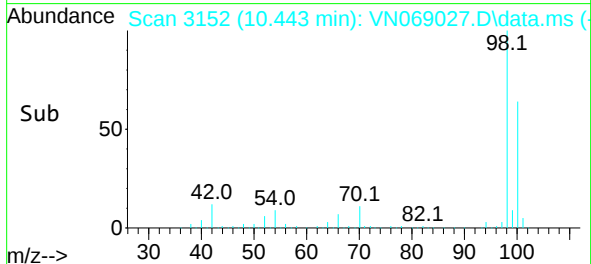
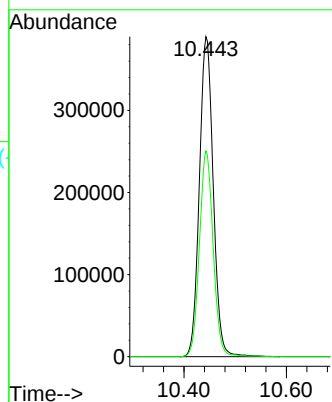
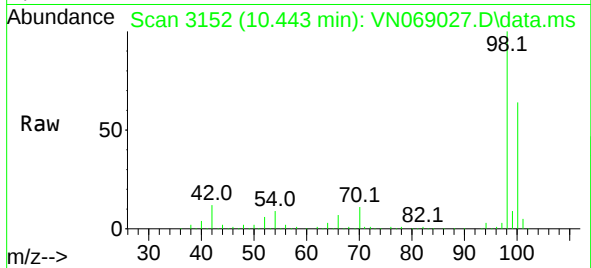




#50
Toluene-d8
Concen: 53.397 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

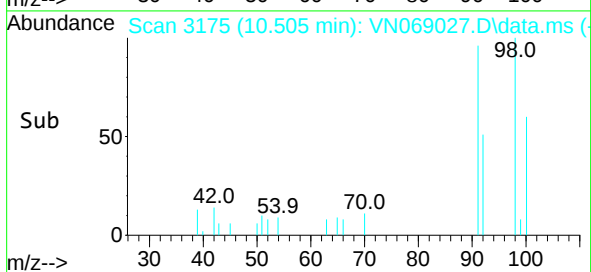
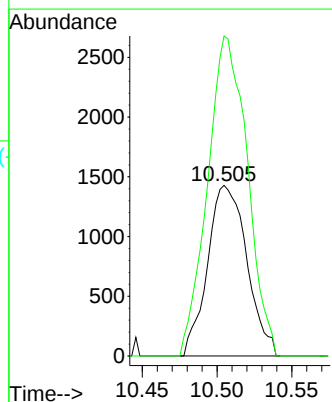
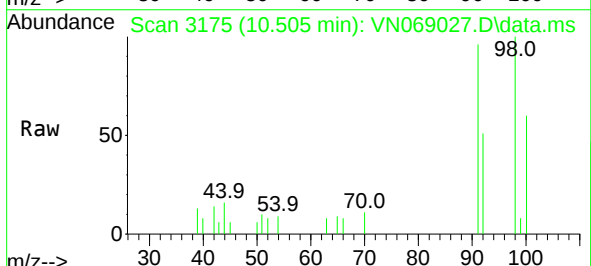
Instrument :
MSVOA_N
ClientSampled :

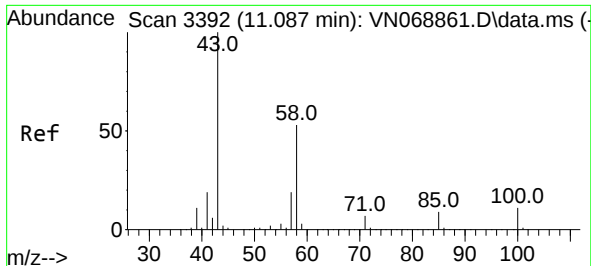
Tgt Ion: 98 Resp: 733010
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#52
Toluene
Concen: 0.265 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 92 Resp: 2611
Ion Ratio Lower Upper
92 100
91 190.1 138.5 207.7

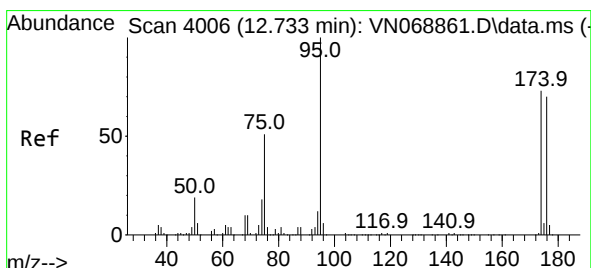
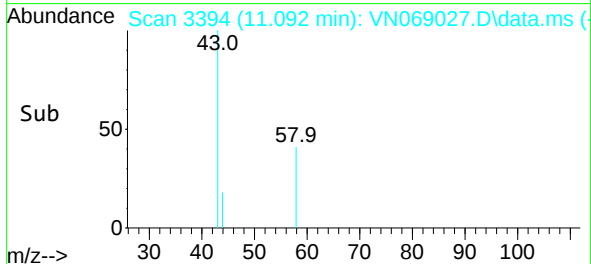
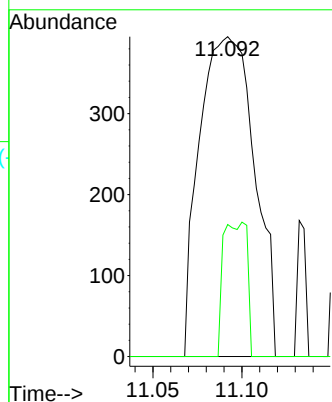
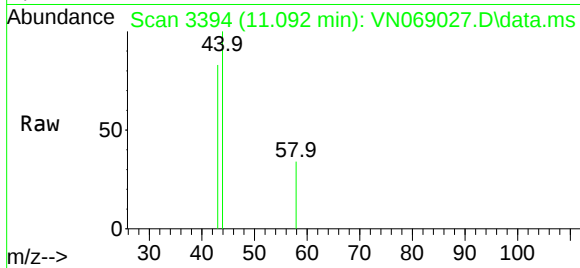




#59
2-Hexanone
Concen: 0.223 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

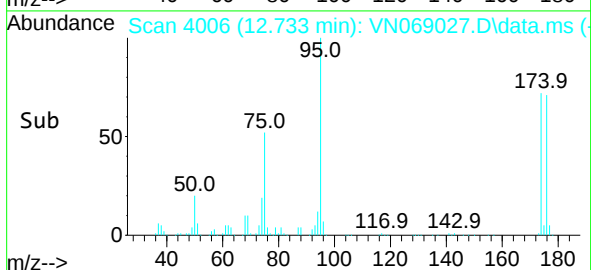
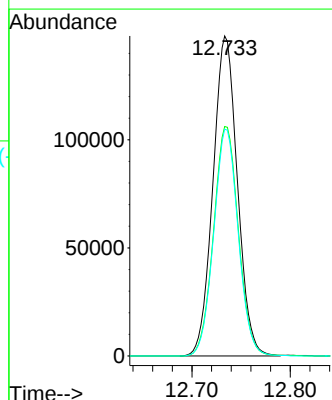
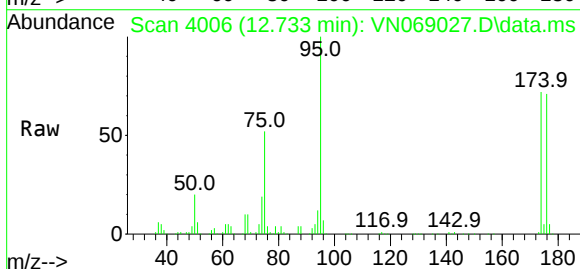
Instrument :
MSVOA_N
ClientSampled :

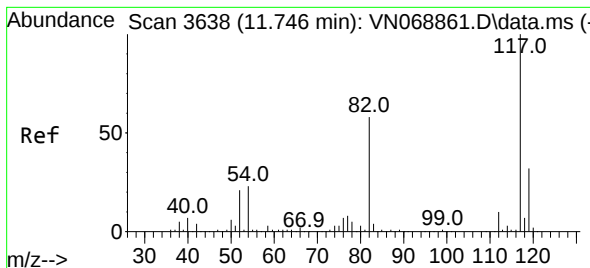
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 18.1 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 49.436 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 95 Resp: 256040
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.8
176 70.9 0.0 140.0

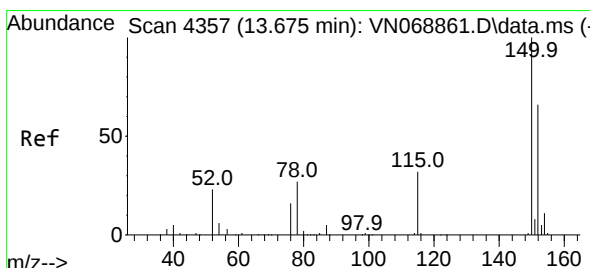
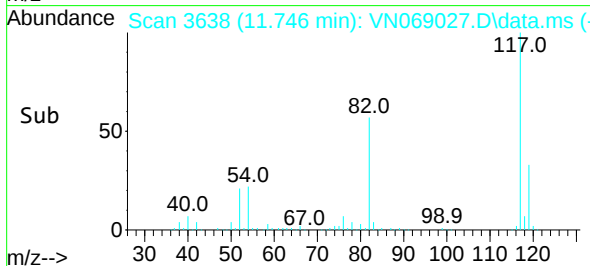
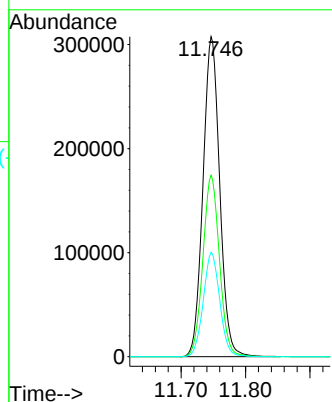
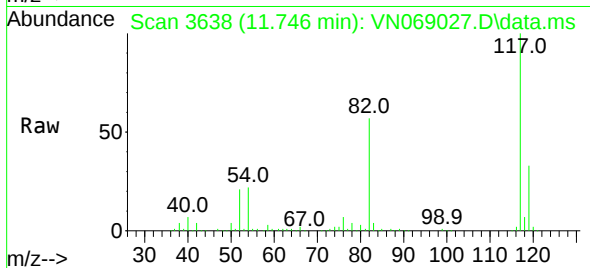




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

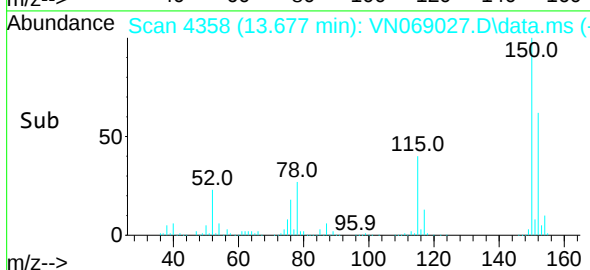
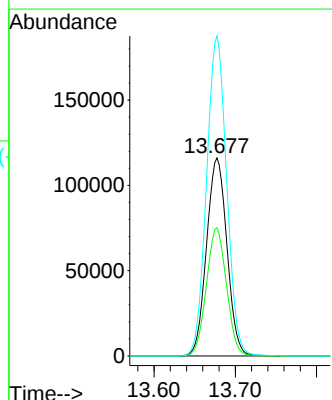
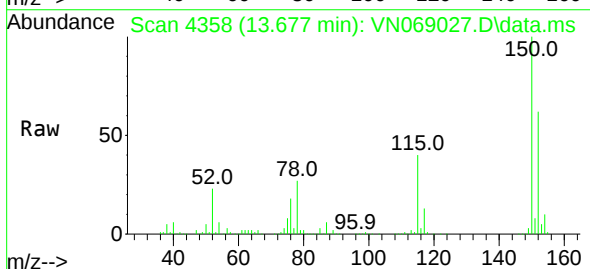
Instrument :
MSVOA_N
ClientSampleId :

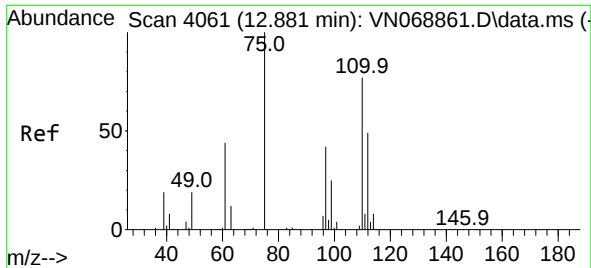
Tgt Ion:117 Resp: 554574
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion:152 Resp: 202637
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 159.0 0.0 351.0

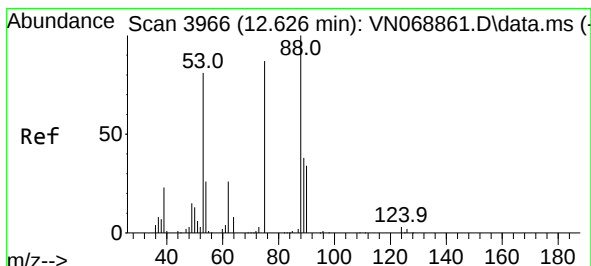
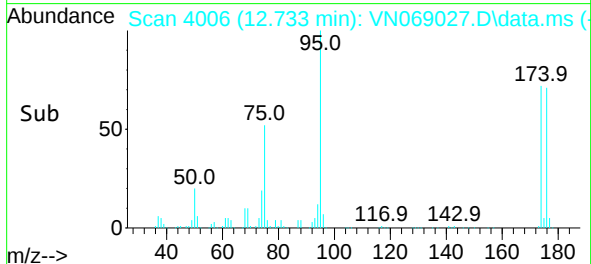
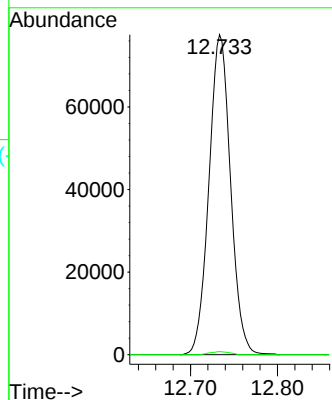
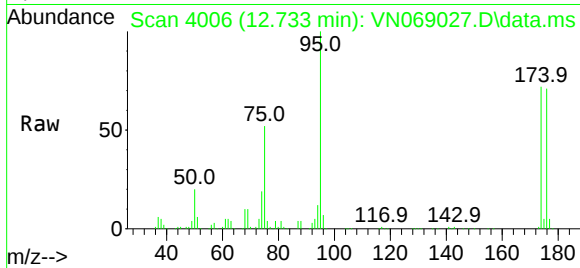




#76
1,2,3-Trichloropropane
Concen: 30.998 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

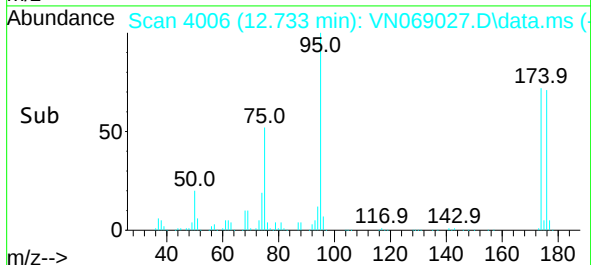
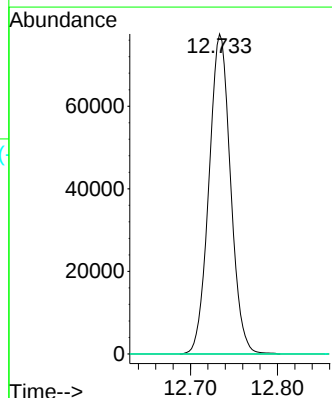
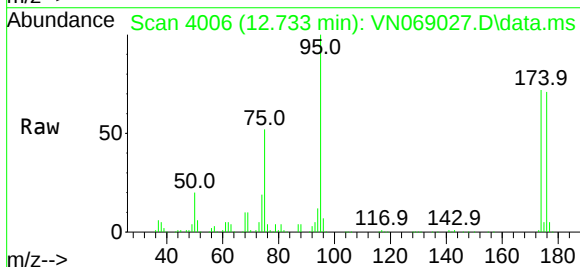
Instrument :
MSVOA_N
ClientSampled :

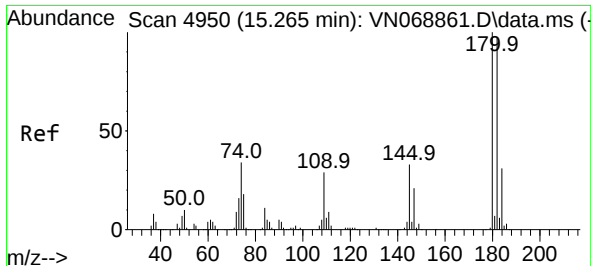
Tgt Ion: 75 Resp: 133650
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.161 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 75 Resp: 133650
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

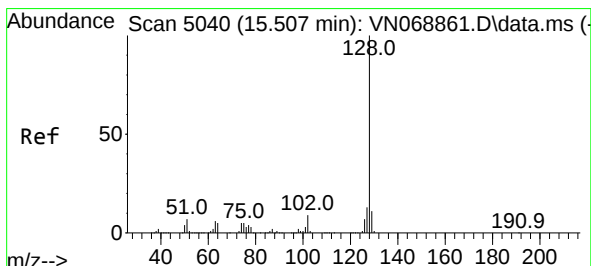
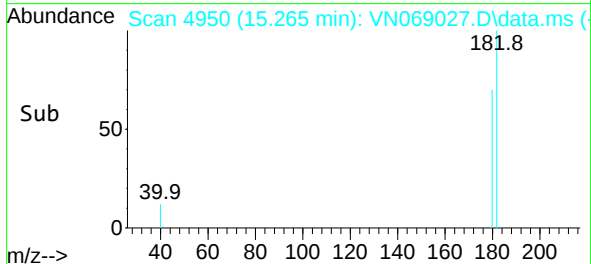
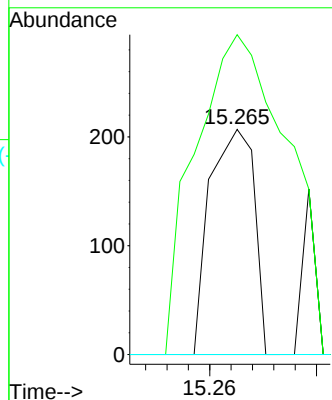
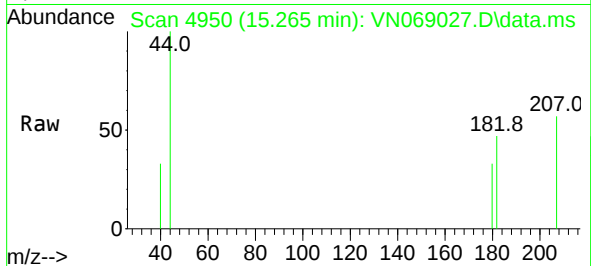




#93
1,2,4-Trichlorobenzene
Concen: 2.635 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

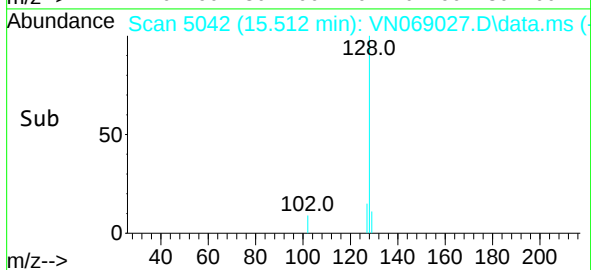
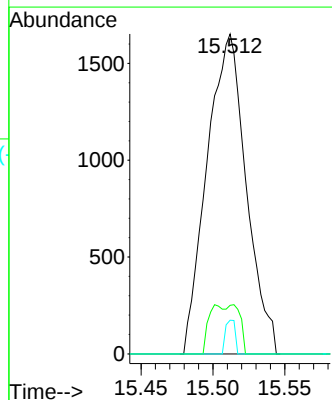
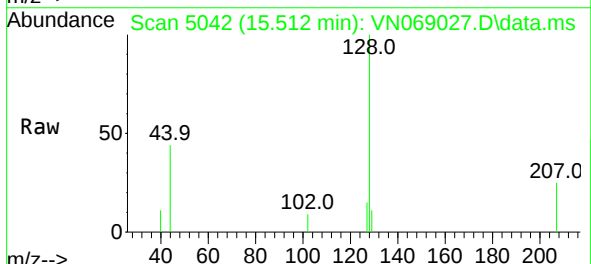
Instrument :
MSVOA_N
ClientSampled :

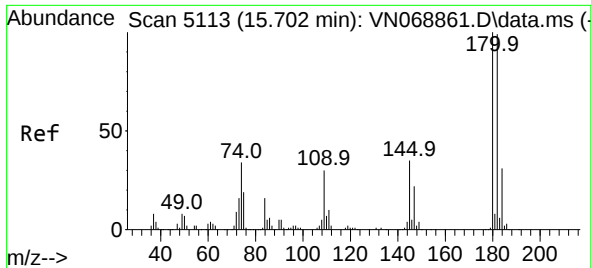
Tgt Ion:180 Resp: 119
Ion Ratio Lower Upper
180 100
182 295.0 47.9 143.7#
145 0.0 16.4 49.2#



#95
Naphthalene
Concen: 4.120 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

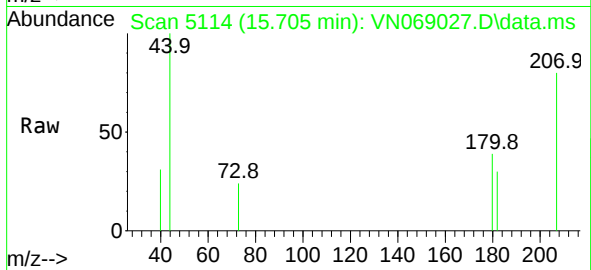
Tgt Ion:128 Resp: 3134
Ion Ratio Lower Upper
128 100
127 5.7 10.5 15.7#
129 2.6 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.613 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN069027.D
 Acq: 19 Oct 2021 15:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 339
 Ion Ratio Lower Upper
 180 100
 182 56.3 48.1 144.3
 145 0.0 17.4 52.2#

