

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070382.D
 Acq On : 30 Dec 2021 7:09
 Operator : JC/MD
 Sample : M5007-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 08:03:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

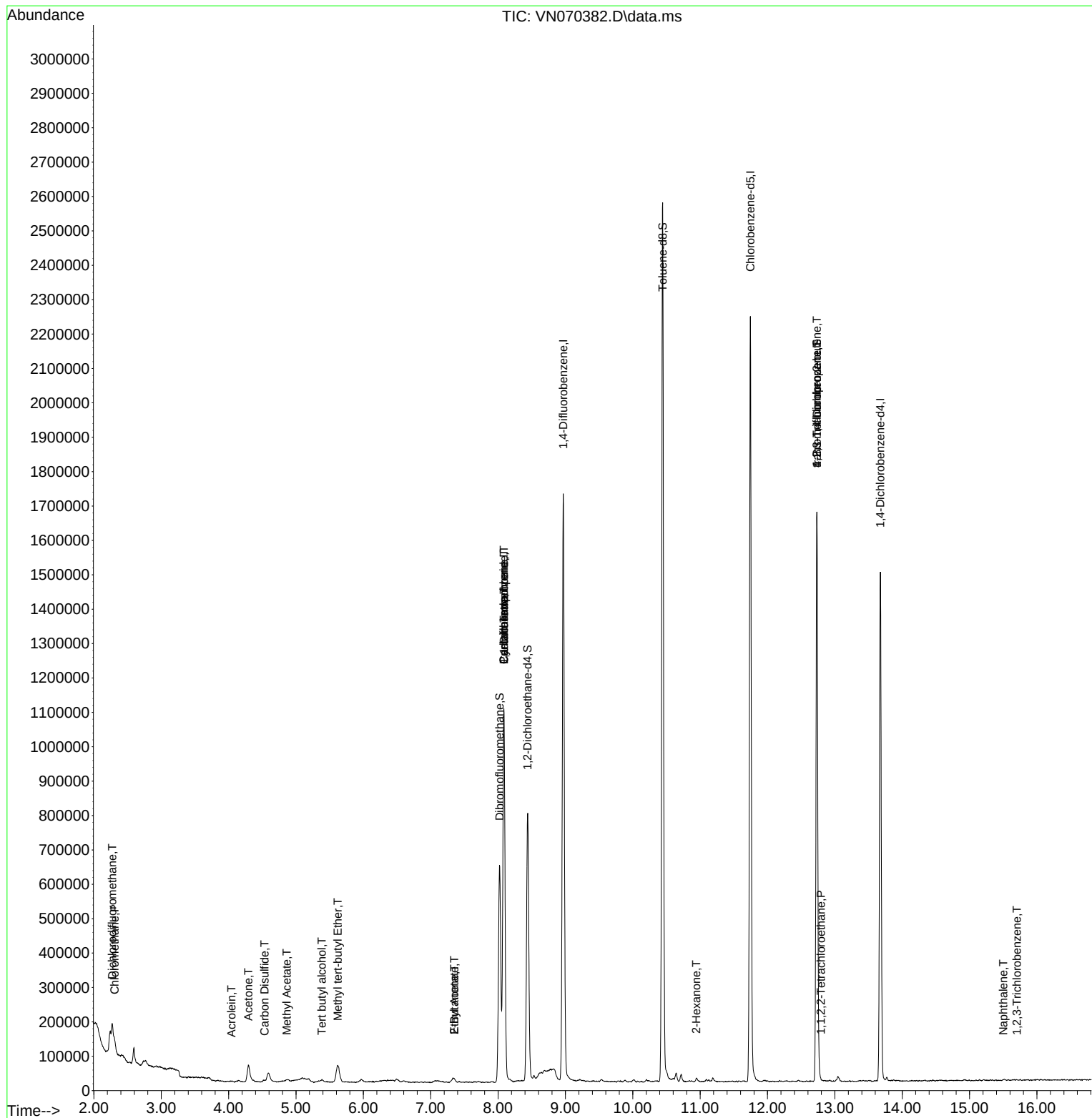
Internal Standards						
1) Pentafluorobenzene	8.086	168	824620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1449211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1270761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	403592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	661938	55.829	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.660%
35) Dibromofluoromethane	8.021	113	466696	53.224	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.440%
50) Toluene-d8	10.443	98	1754042	48.968	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.733	95	591285	45.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.271	85	6336	0.678	ug/l	95
3) Chloromethane	2.306	50	4875	0.383	ug/l	97
11) Tert butyl alcohol	5.382	59	10683	5.411	ug/l #	71
13) Acrolein	4.041	56	1125	0.702	ug/l	83
16) Acetone	4.293	43	84315	10.955	ug/l	99
17) Carbon Disulfide	4.532	76	10232	0.446	ug/l	97
18) Methyl Acetate	4.864	43	10799	0.485	ug/l #	64
19) Methyl tert-butyl Ether	5.621	73	72636	2.329	ug/l	95
25) 2-Butanone	7.351	43	14032	1.448	ug/l	91
31) Cyclohexane	8.086	56	20069	1.073	ug/l #	22
36) 1,1-Dichloropropene	8.086	75	66683	4.597	ug/l #	48
37) Ethyl Acetate	7.351	43	14032	0.746	ug/l #	68
38) Carbon Tetrachloride	8.086	117	81886	5.912	ug/l #	16
59) 2-Hexanone	10.945	43	6124	0.451	ug/l	76
75) 1,1,2,2-Tetrachloroethane	12.792	83	50	0.451	ug/l #	25
76) 1,2,3-Trichloropropane	12.733	75	317127	27.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	317127	96.002	ug/l #	5
95) Naphthalene	15.501	128	1256	1.863	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.702	180	180	0.854	ug/l #	37

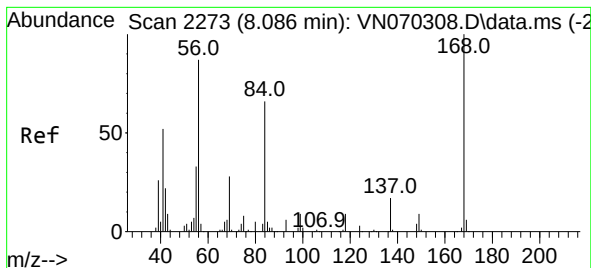
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070382.D
Acq On : 30 Dec 2021 7:09
Operator : JC/MD
Sample : M5007-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 30 08:03:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 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: VN070382.D

Acq: 30 Dec 2021 7:09

Instrument :

MSVOA_N

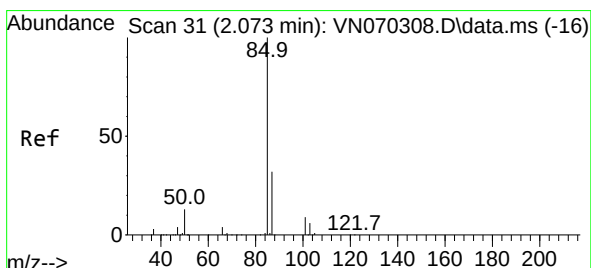
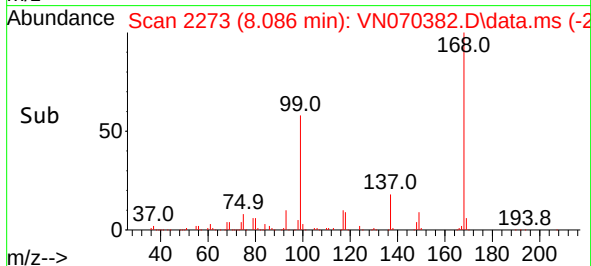
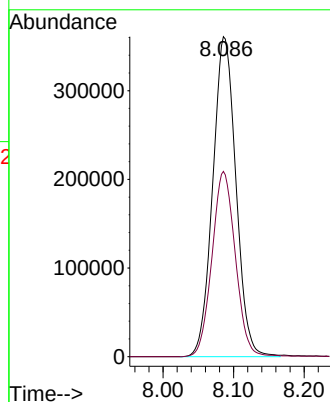
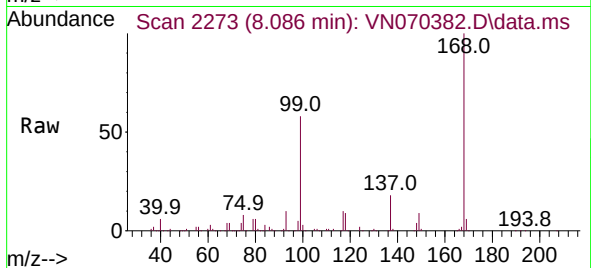
ClientSampleId :

Tgt Ion:168 Resp: 824620

Ion Ratio Lower Upper

168 100

99 57.9 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 0.678 ug/l

RT: 2.271 min Scan# 105

Delta R.T. 0.198 min

Lab File: VN070382.D

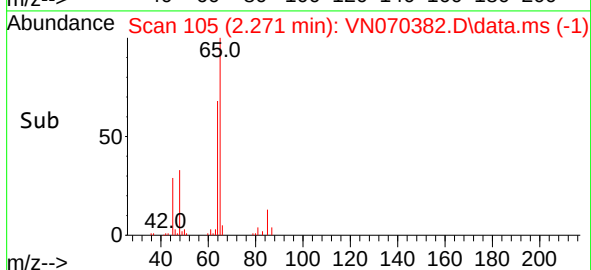
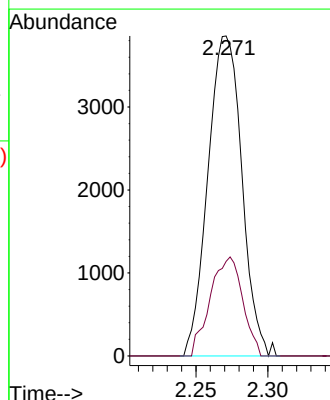
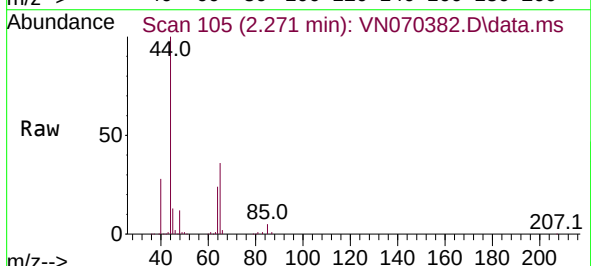
Acq: 30 Dec 2021 7:09

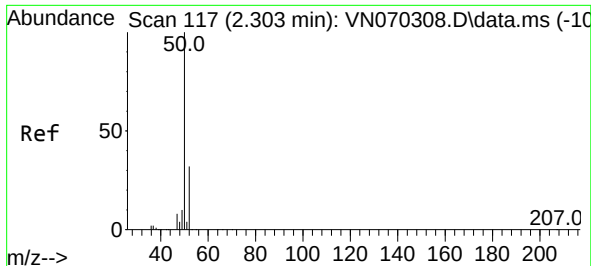
Tgt Ion: 85 Resp: 6336

Ion Ratio Lower Upper

85 100

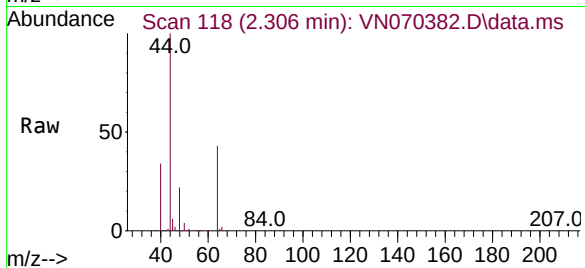
87 29.5 16.3 48.9



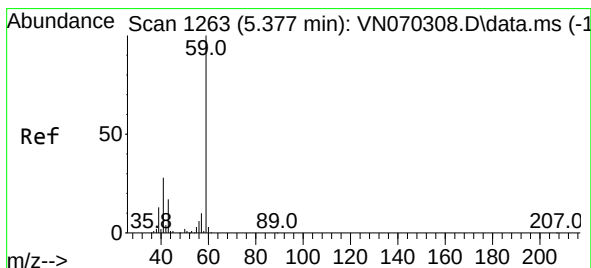
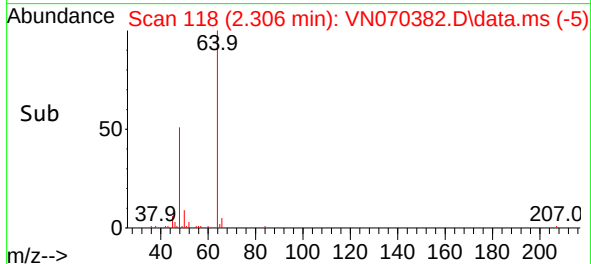
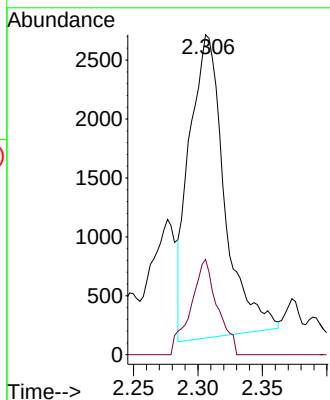


#3
Chloromethane
Concen: 0.383 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Instrument :
MSVOA_N
ClientSampleId :

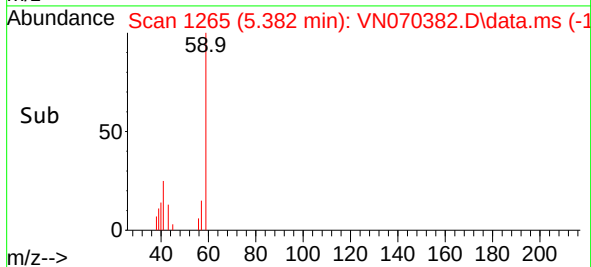
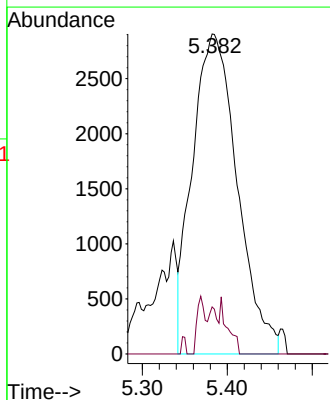
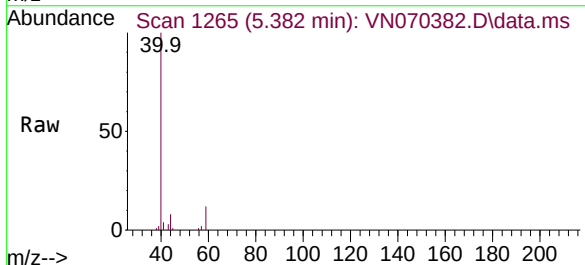


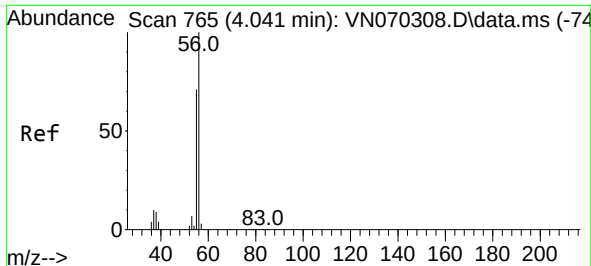
Tgt Ion: 50 Resp: 4875
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0



#11
Tert butyl alcohol
Concen: 5.411 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. 0.005 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 59 Resp: 10683
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

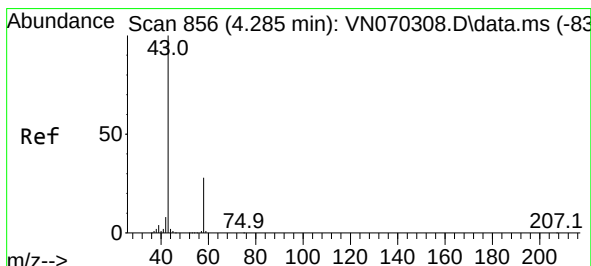
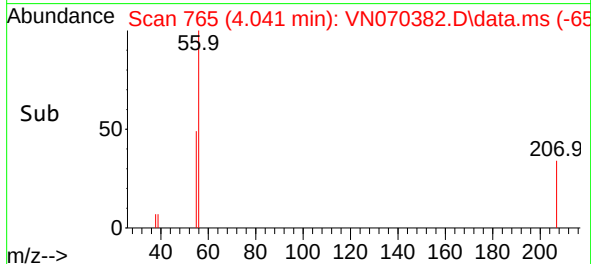
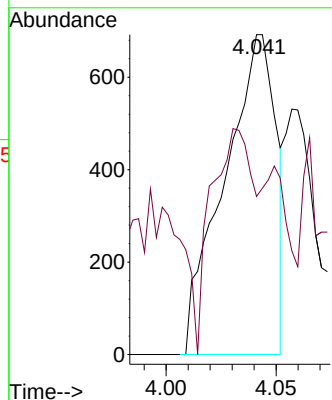
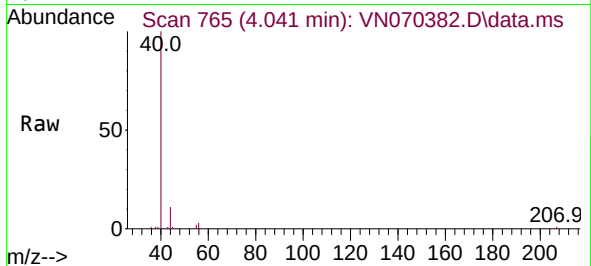




#13
Acrolein
Concen: 0.702 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

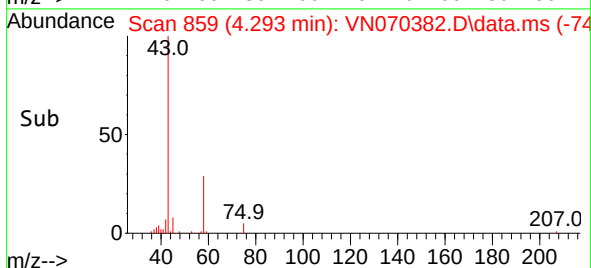
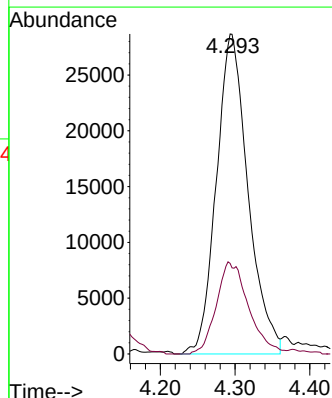
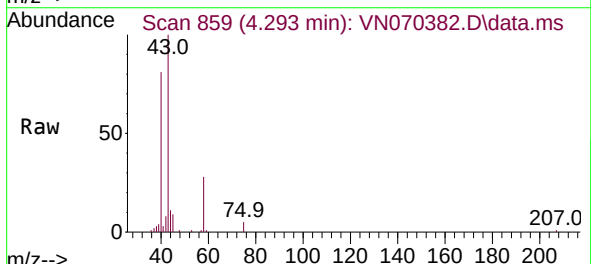
Instrument :
MSVOA_N
ClientSampleId :

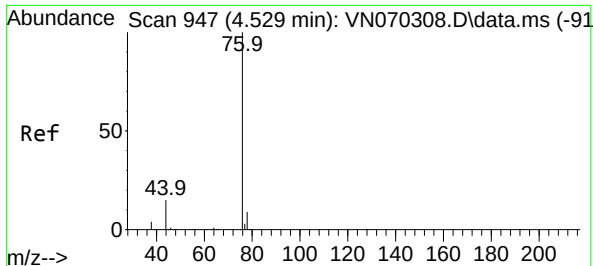
Tgt Ion: 56 Resp: 1125
Ion Ratio Lower Upper
56 100
55 57.0 56.6 85.0



#16
Acetone
Concen: 10.955 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 43 Resp: 84315
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7

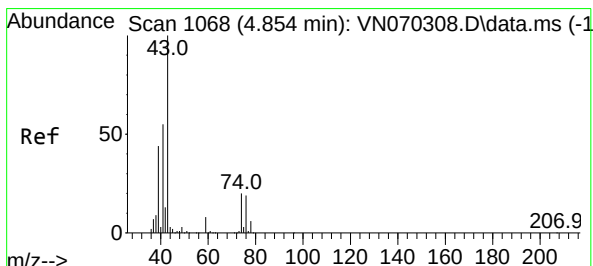
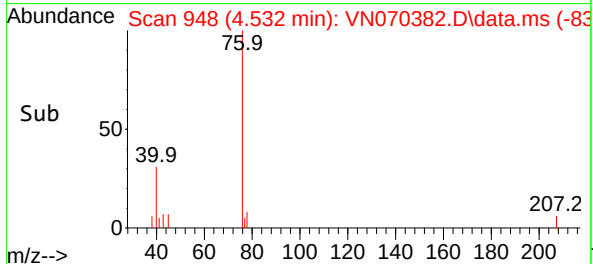
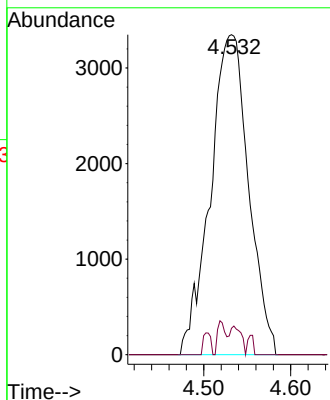
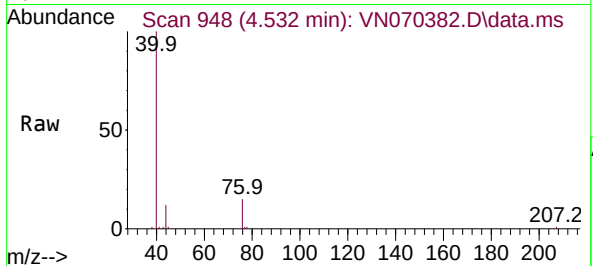




#17
Carbon Disulfide
Concen: 0.446 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

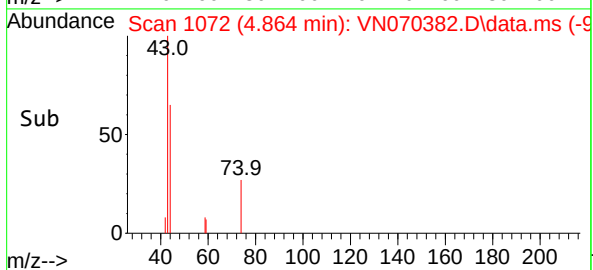
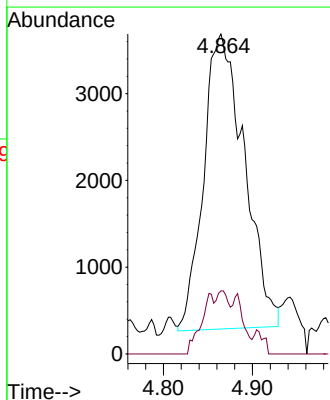
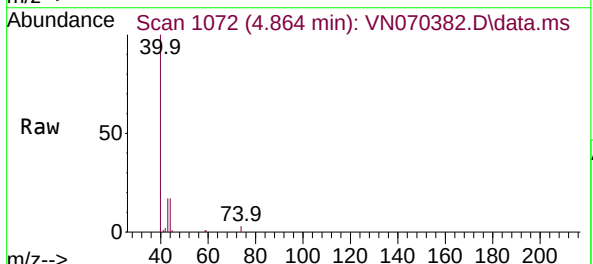
Instrument :
MSVOA_N
ClientSampleId :

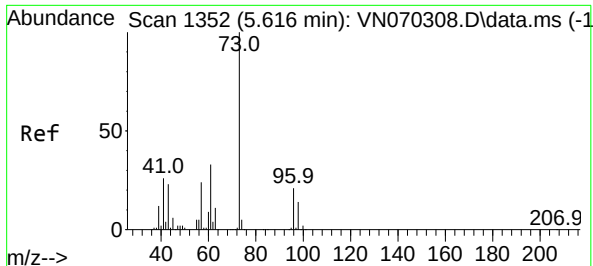
Tgt Ion: 76 Resp: 10232
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 0.485 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.010 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 43 Resp: 10799
Ion Ratio Lower Upper
43 100
74 6.6 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 2.329 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070382.D

Acq: 30 Dec 2021 7:09

Instrument :

MSVOA_N

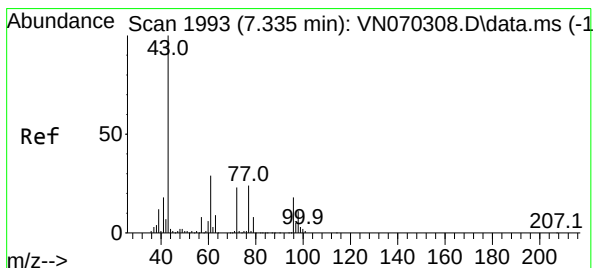
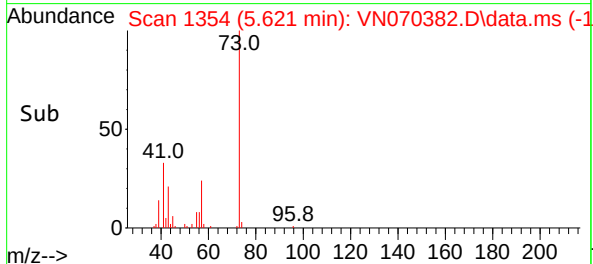
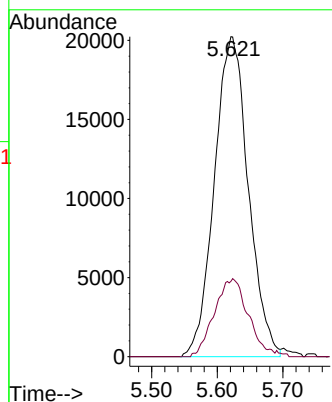
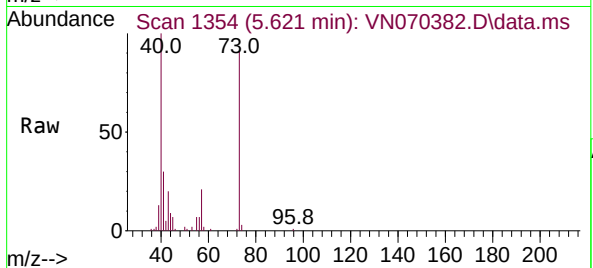
ClientSampleId :

Tgt Ion: 73 Resp: 72636

Ion Ratio Lower Upper

73 100

57 23.6 16.8 25.2



#25

2-Butanone

Concen: 1.448 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.016 min

Lab File: VN070382.D

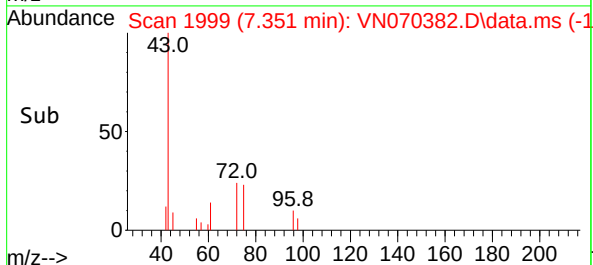
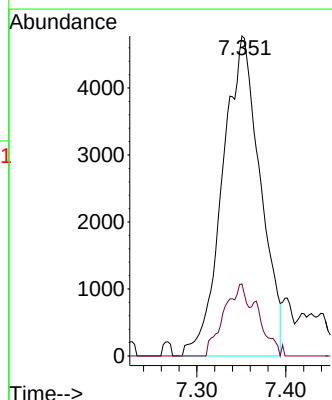
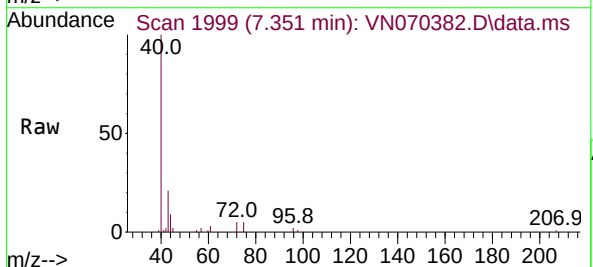
Acq: 30 Dec 2021 7:09

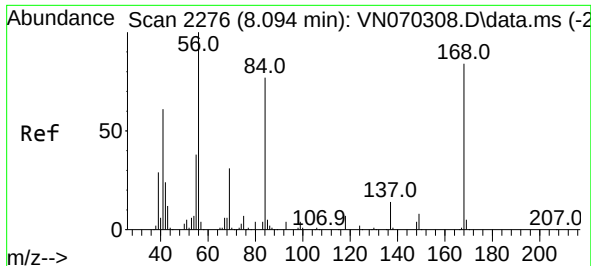
Tgt Ion: 43 Resp: 14032

Ion Ratio Lower Upper

43 100

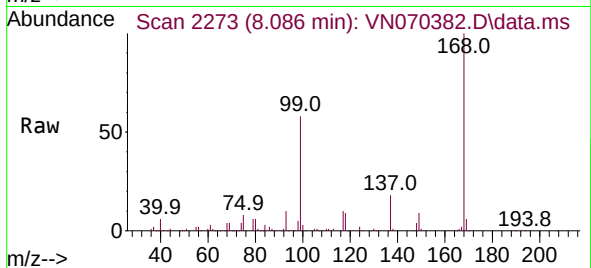
72 22.5 21.7 32.5



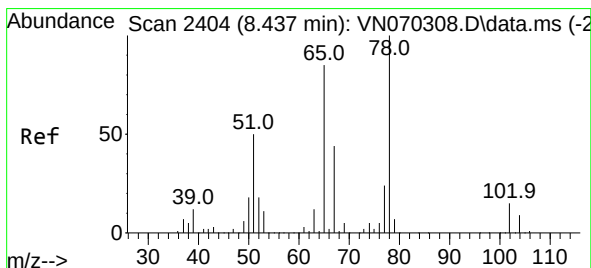
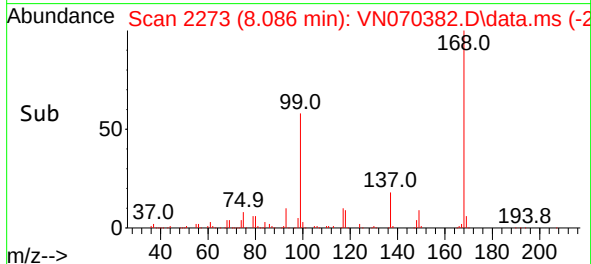
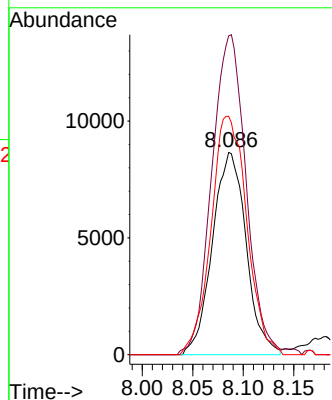


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Instrument :
MSVOA_N
ClientSampleId :

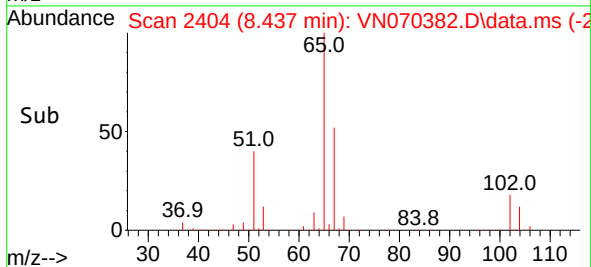
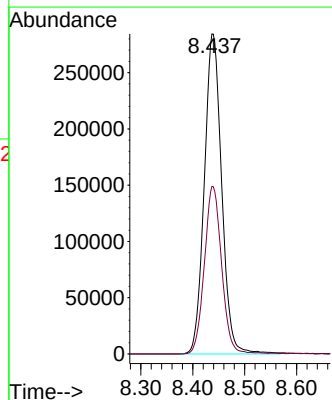
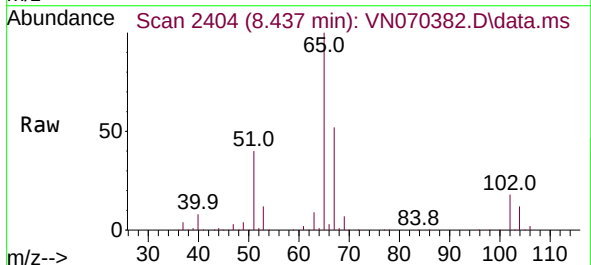


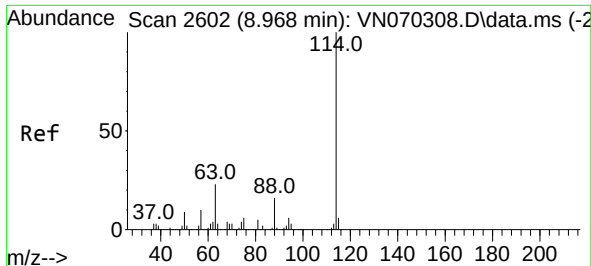
Tgt Ion: 56 Resp: 20069
Ion Ratio Lower Upper
56 100
69 155.9 27.1 40.7#
84 117.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 55.829 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 65 Resp: 661938
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

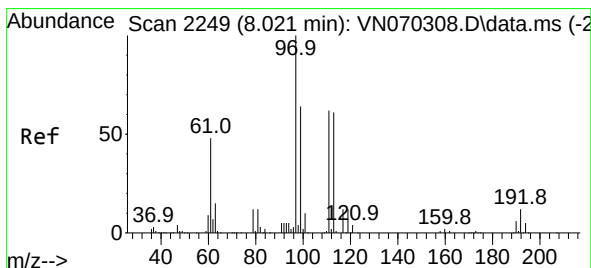
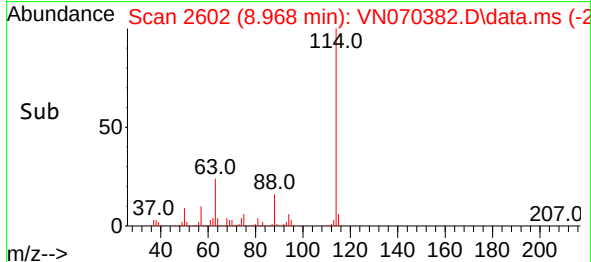
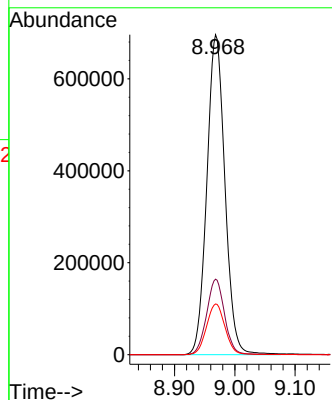
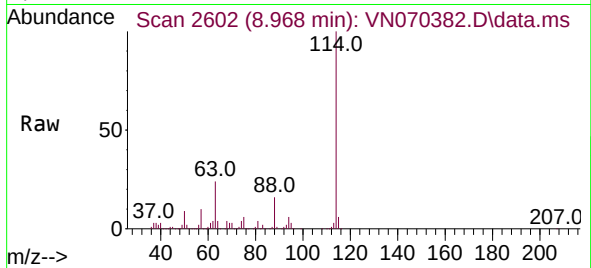




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

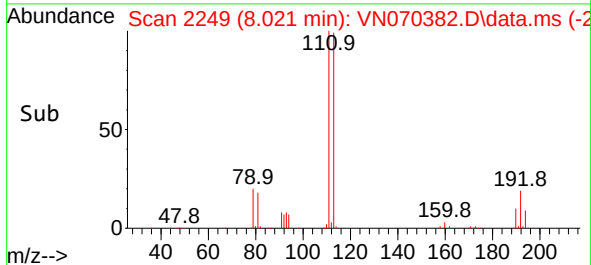
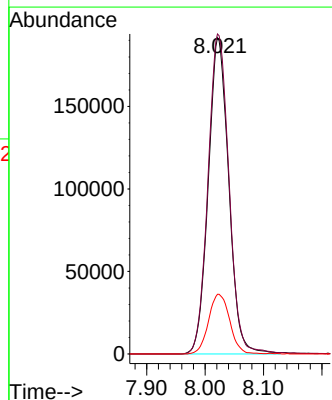
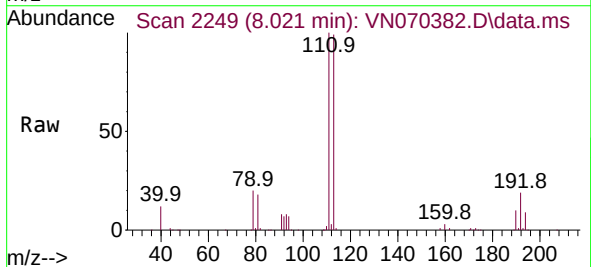
Instrument :
MSVOA_N
ClientSampleId :

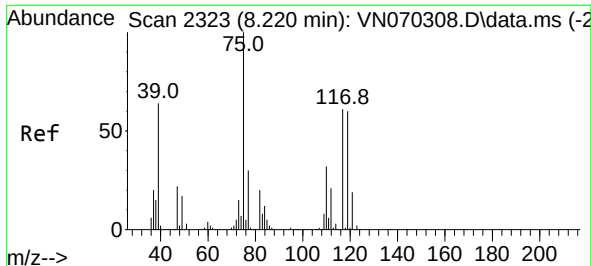
Tgt Ion:114 Resp: 1449211
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 53.224 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

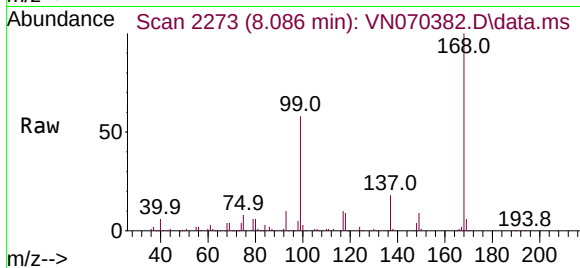
Tgt Ion:113 Resp: 466696
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.6 16.9 25.3



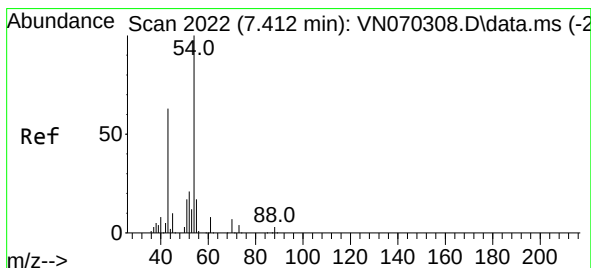
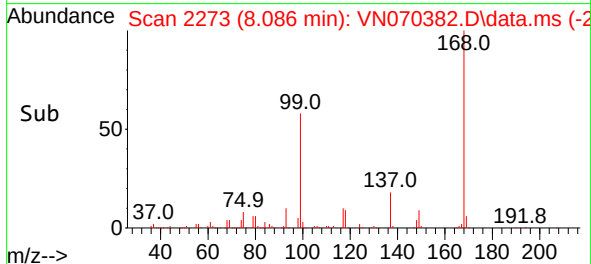
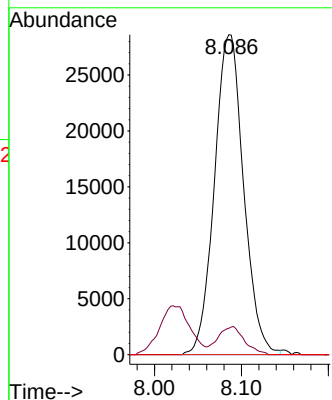


#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Instrument :
MSVOA_N
ClientSampleId :

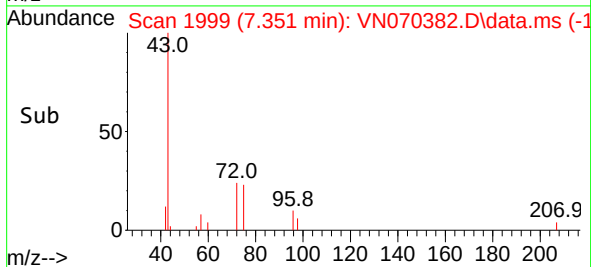
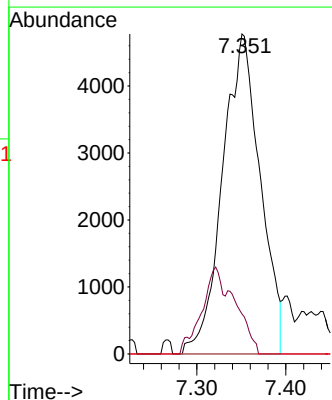
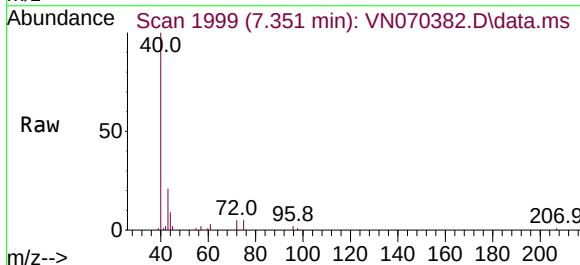


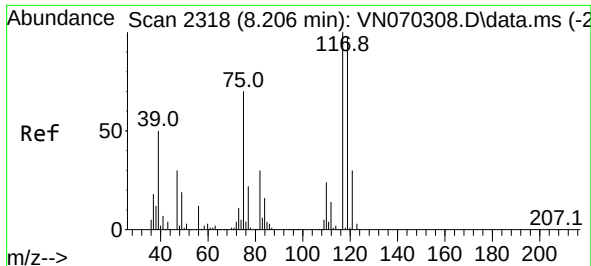
Tgt Ion: 75 Resp: 66683
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.746 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.061 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

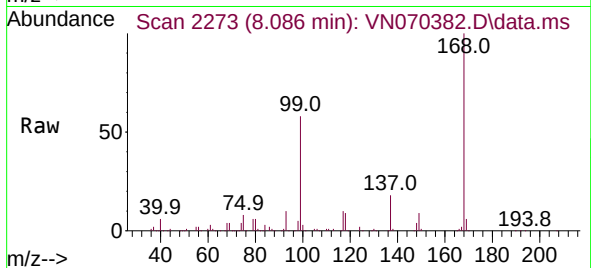
Tgt Ion: 43 Resp: 14032
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



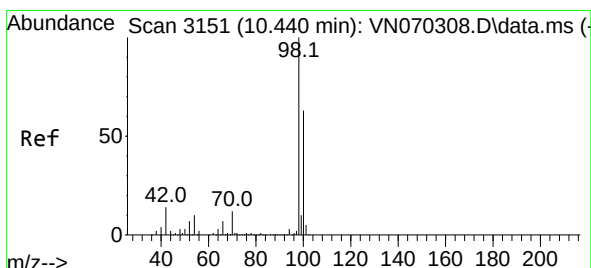
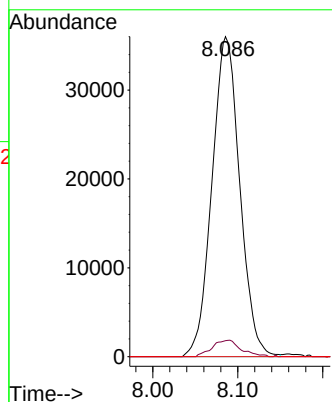
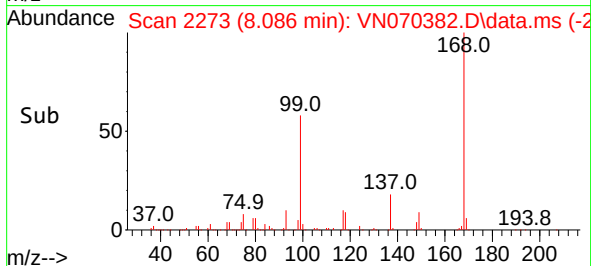


#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Instrument :
MSVOA_N
ClientSampleId :

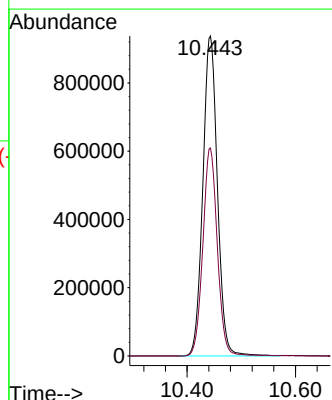
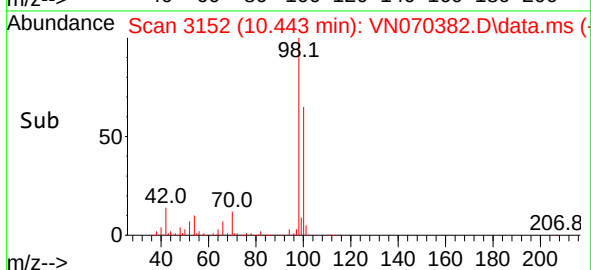
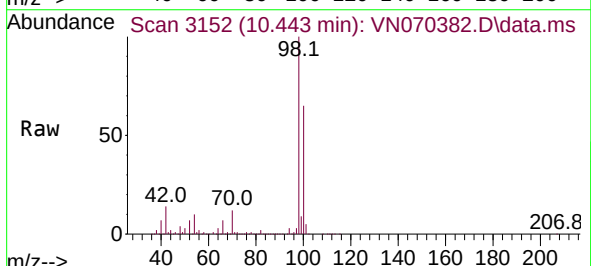


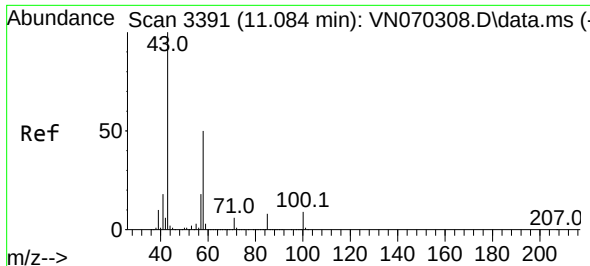
Tgt Ion:117 Resp: 81886
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.968 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 98 Resp: 1754042
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

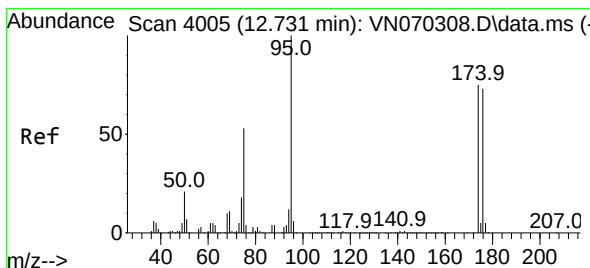
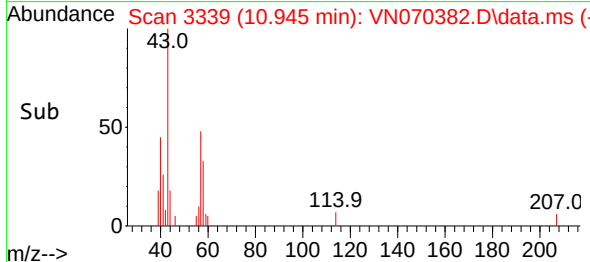
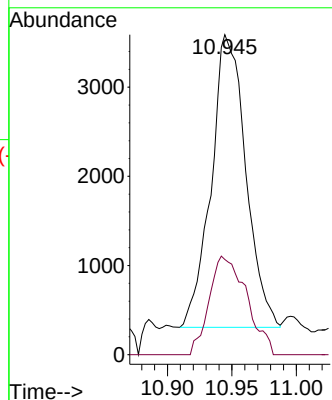
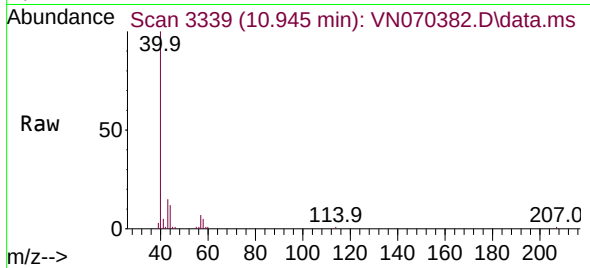




#59
2-Hexanone
Concen: 0.451 ug/l
RT: 10.945 min Scan# 31
Delta R.T. -0.139 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

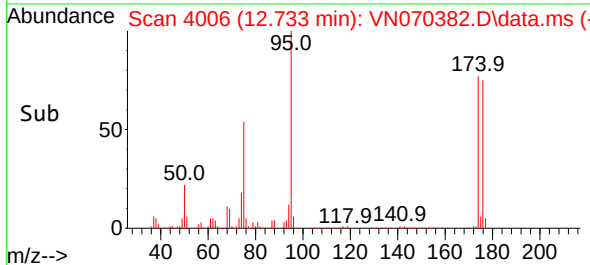
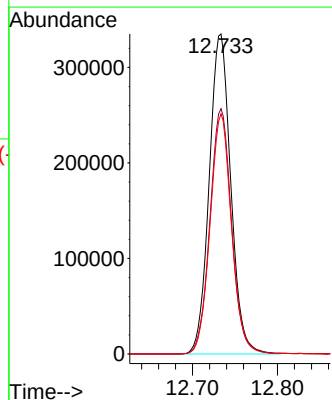
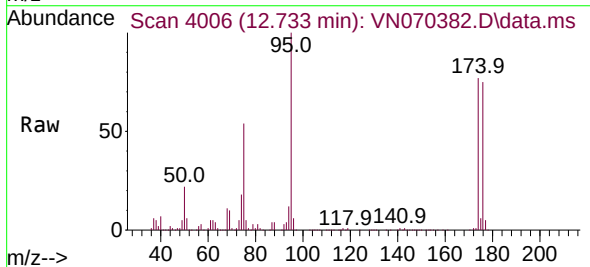
Instrument :
MSVOA_N
ClientSampleId :

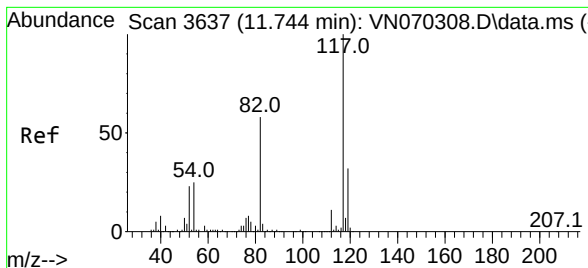
Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
58 36.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 45.703 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 95 Resp: 591285
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 74.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. 0.002 min

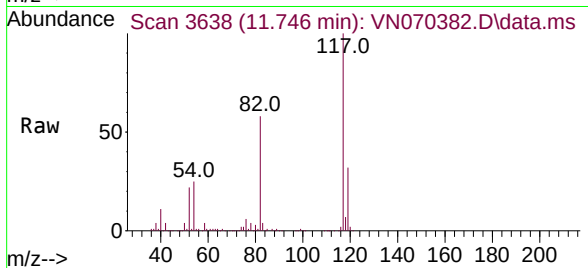
Lab File: VN070382.D

Acq: 30 Dec 2021 7:09

Instrument :

MSVOA_N

ClientSampleId :



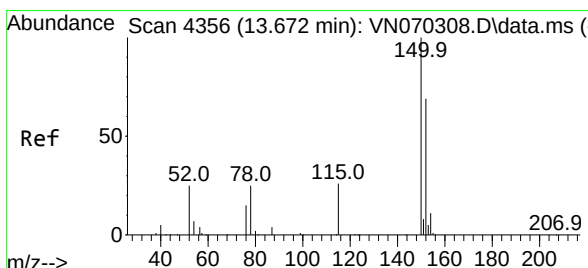
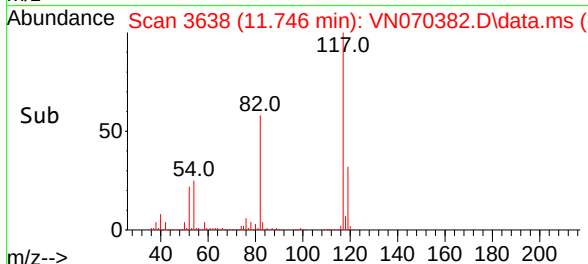
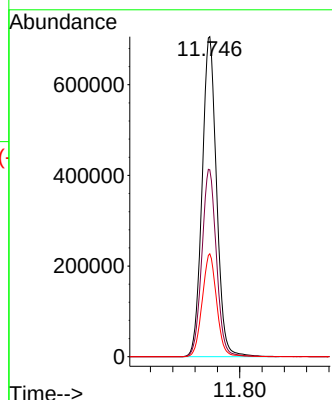
Tgt Ion:117 Resp: 1270761

Ion Ratio Lower Upper

117 100

82 58.4 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: VN070382.D

Acq: 30 Dec 2021 7:09

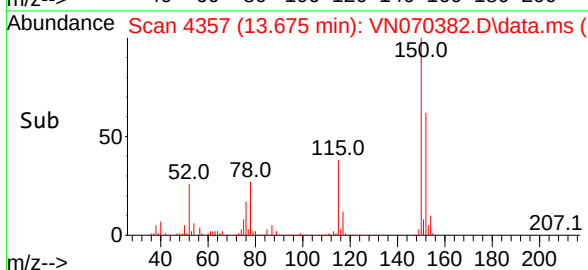
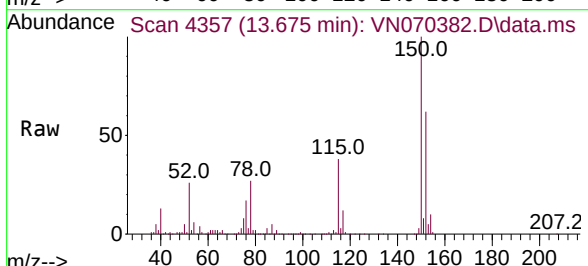
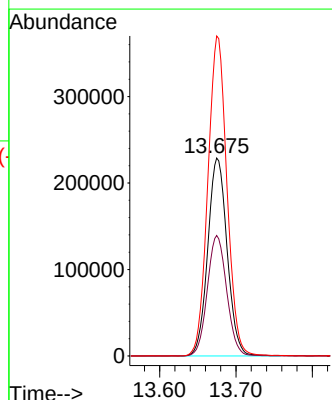
Tgt Ion:152 Resp: 403592

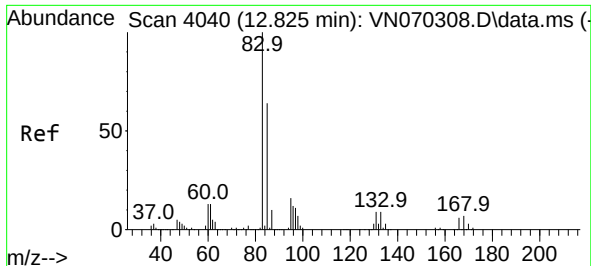
Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.5

150 159.0 0.0 344.4

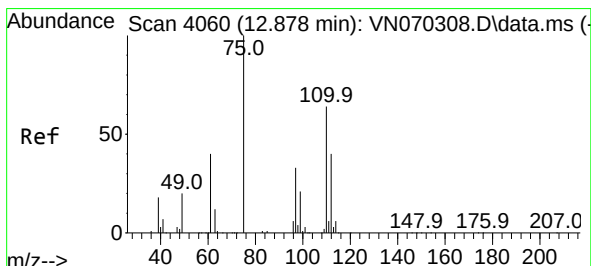
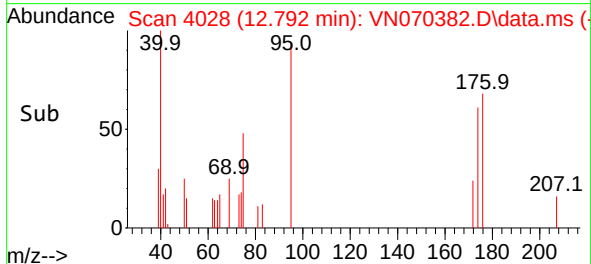
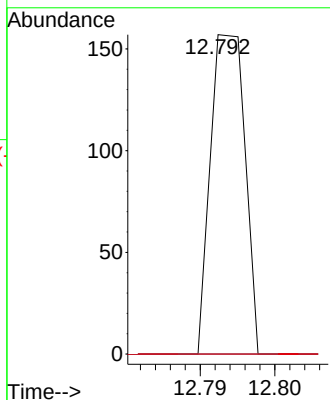
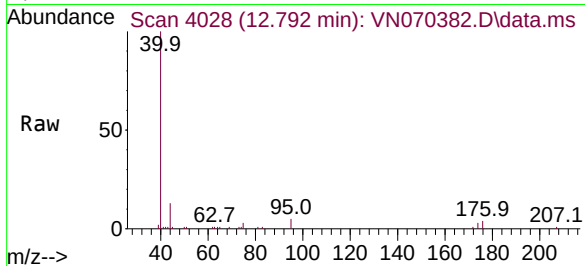




#75
1,1,2,2-Tetrachloroethane
Concen: 0.451 ug/l
RT: 12.792 min Scan# 4040
Delta R.T. -0.033 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

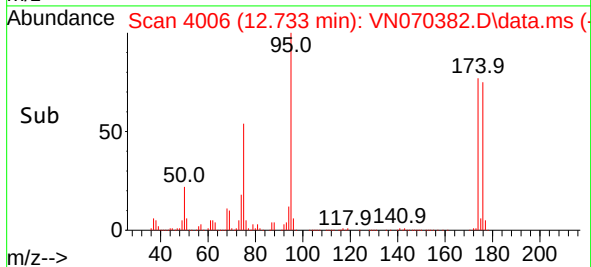
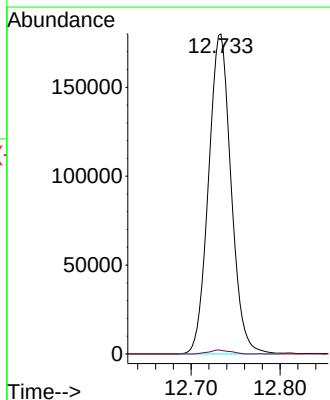
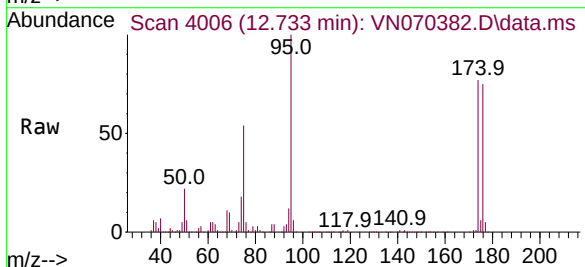
Instrument :
MSVOA_N
ClientSampleId :

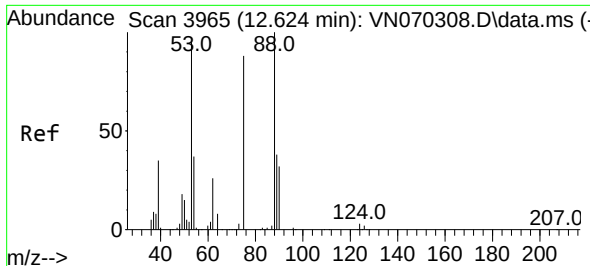
Tgt Ion: 83 Resp: 50
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.824 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.145 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

Tgt Ion: 75 Resp: 317127
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

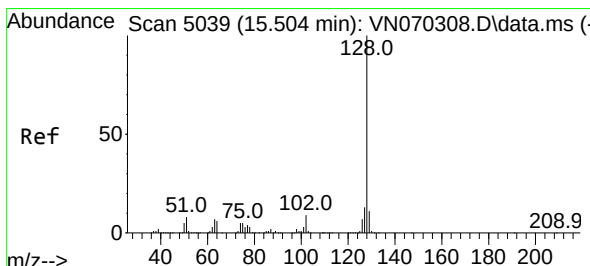
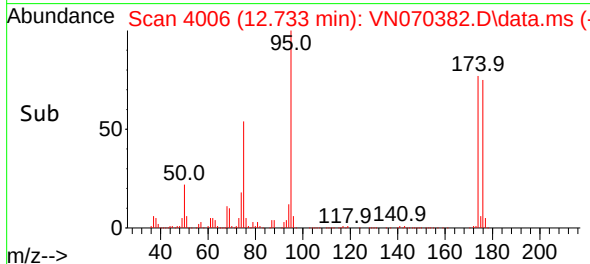
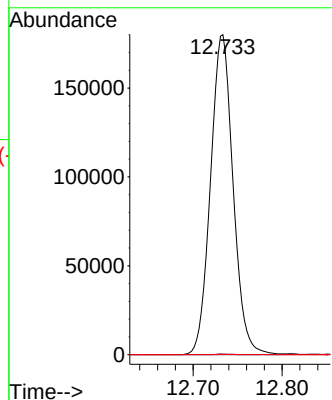
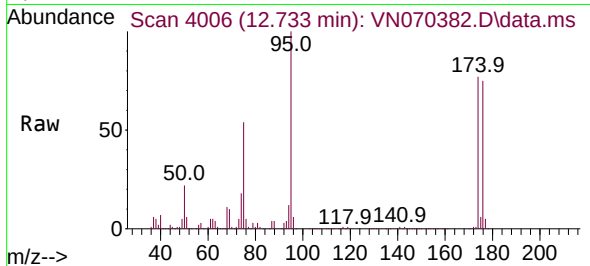




#81
trans-1,4-Dichloro-2-butene
Concen: 96.002 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.109 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

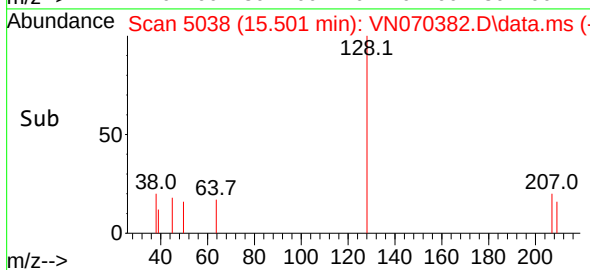
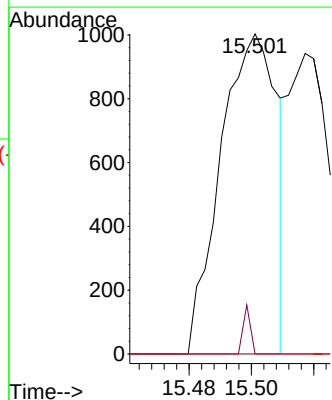
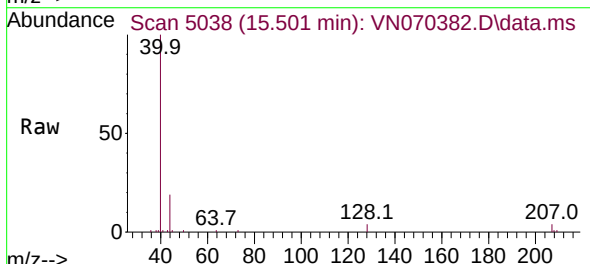
Instrument :
MSVOA_N
ClientSampleId :

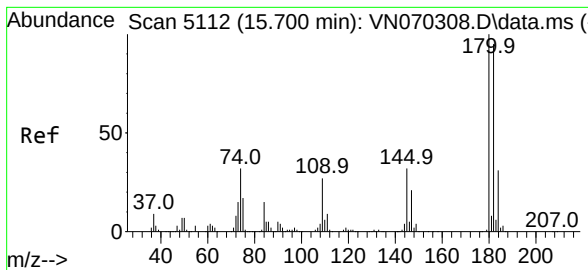
Tgt Ion: 75 Resp: 317127
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.863 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070382.D
Acq: 30 Dec 2021 7:09

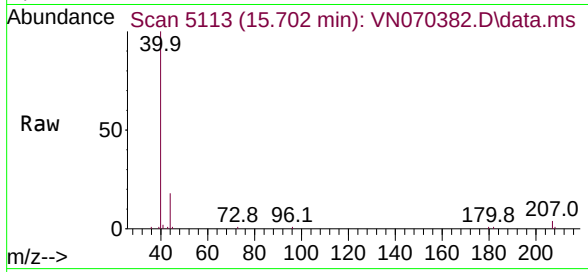
Tgt Ion: 128 Resp: 1256
Ion Ratio Lower Upper
128 100
127 2.0 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.854 ug/l
 RT: 15.702 min Scan# 51
 Delta R.T. 0.002 min
 Lab File: VN070382.D
 Acq: 30 Dec 2021 7:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	180
Ion	Ratio	Lower	Upper
180	100		
182	157.8	47.4	142.2#
145	0.0	15.0	45.1#

