

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070502.D
 Acq On : 5 Jan 2022 20:35
 Operator : JC/MD
 Sample : N1015-03 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 13:27:32 2022
 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)

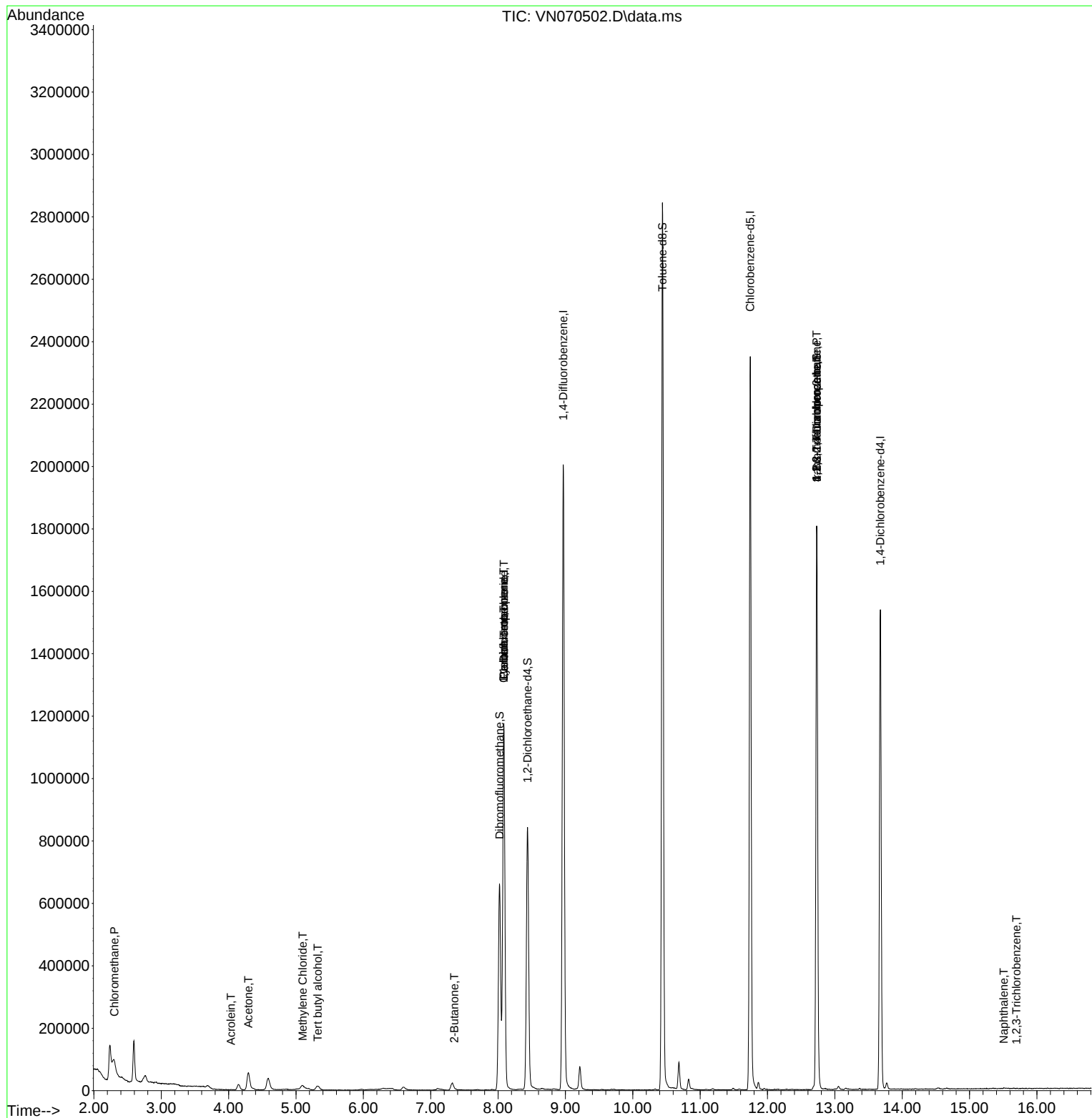
Internal Standards						
1) Pentafluorobenzene	8.085	168	900666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1556888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1367410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	437802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	707705	54.650	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.300%			
35) Dibromofluoromethane	8.021	113	490553	52.076	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.160%			
50) Toluene-d8	10.440	98	1973885	51.294	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.731	95	673106	48.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.860%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	4631	0.333	ug/l	92
11) Tert butyl alcohol	5.323	59	13503	6.262	ug/l #	71
13) Acrolein	4.036	56	441	0.252	ug/l	92
16) Acetone	4.293	43	102600	12.205	ug/l	97
20) Methylene Chloride	5.100	84	7615	0.655	ug/l	92
25) 2-Butanone	7.351	43	6920	0.654	ug/l #	84
31) Cyclohexane	8.083	56	19273	0.943	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	73678	4.728	ug/l #	48
38) Carbon Tetrachloride	8.085	117	87735	5.896	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.731	83	389	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	347141	28.053	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	347141	96.876	ug/l #	5
95) Naphthalene	15.507	128	2222	1.904	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.694	180	135	0.845	ug/l #	41

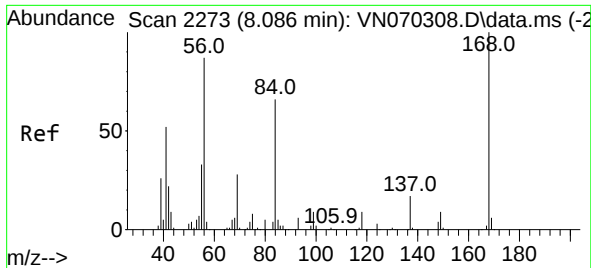
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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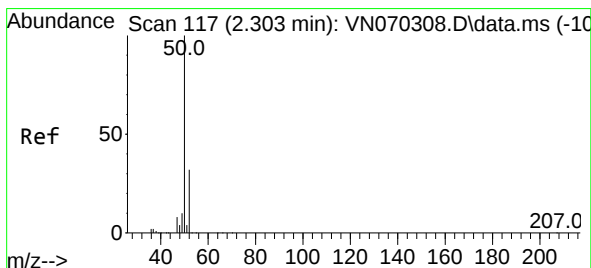
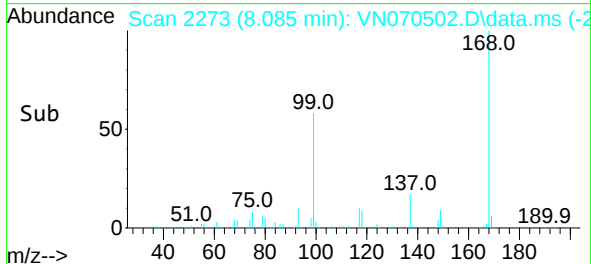
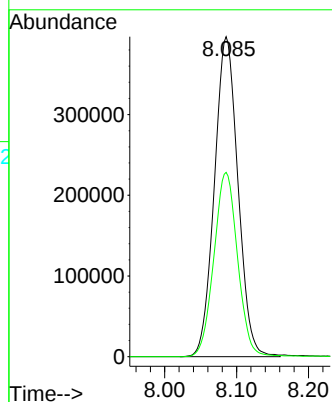
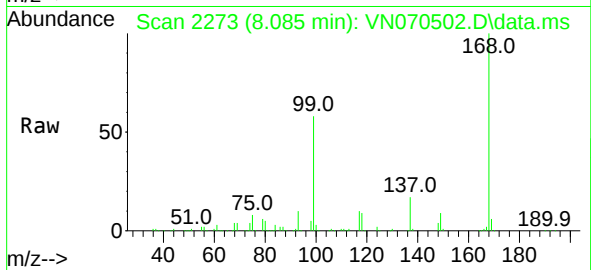




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

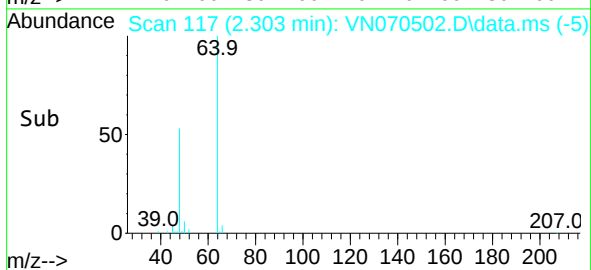
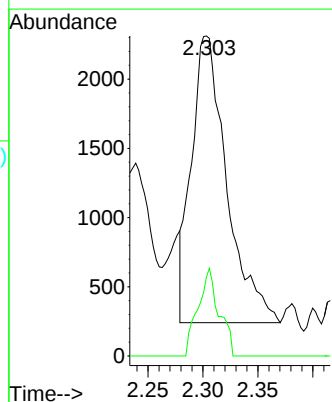
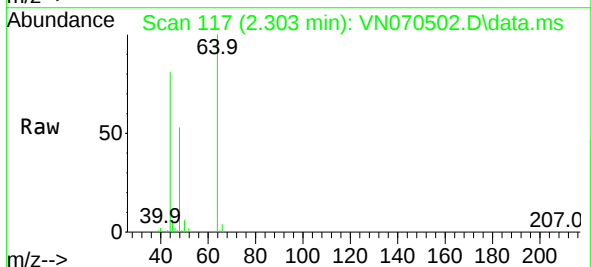
Instrument :
MSVOA_N
ClientSampleId :

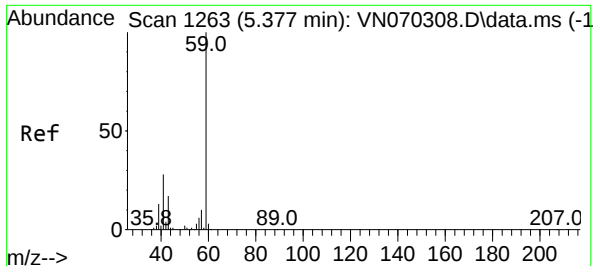
Tgt Ion:168 Resp: 900666
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 0.333 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

Tgt Ion: 50 Resp: 4631
Ion Ratio Lower Upper
50 100
52 27.5 25.4 38.0





#11

Tert butyl alcohol

Concen: 6.262 ug/l

RT: 5.323 min Scan# 11

Delta R.T. -0.054 min

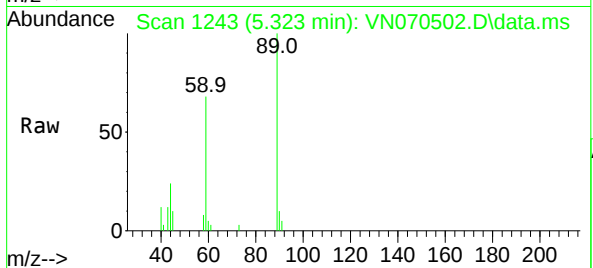
Lab File: VN070502.D

Acq: 5 Jan 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

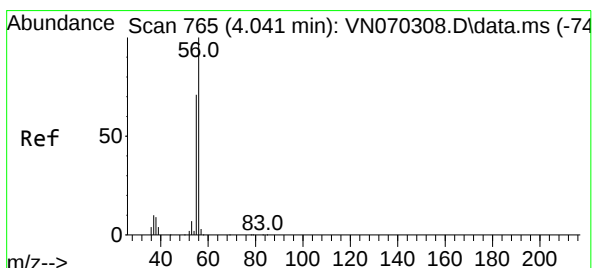
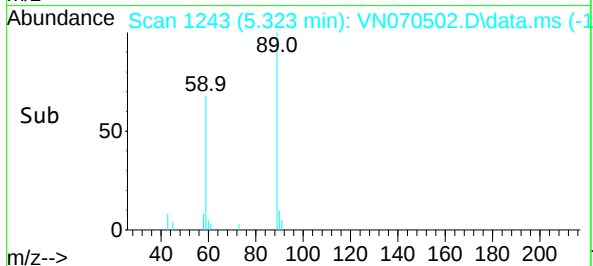
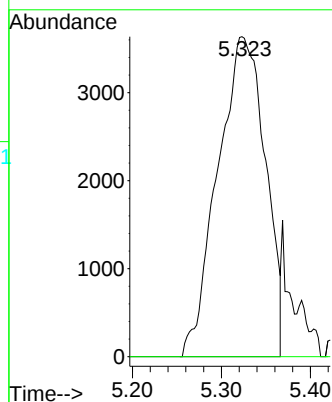


Tgt Ion: 59 Resp: 13503

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.252 ug/l

RT: 4.036 min Scan# 763

Delta R.T. -0.005 min

Lab File: VN070502.D

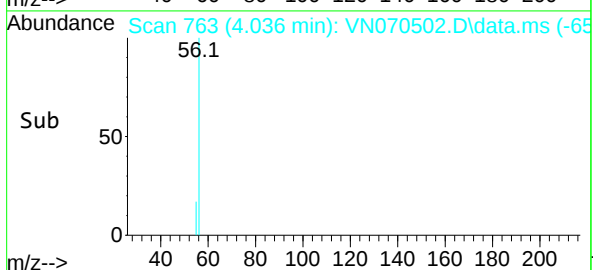
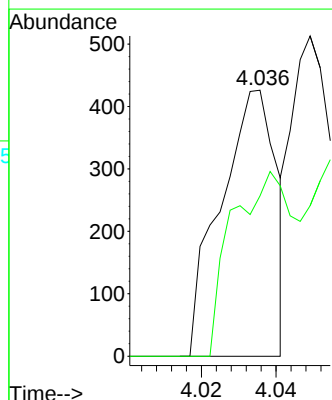
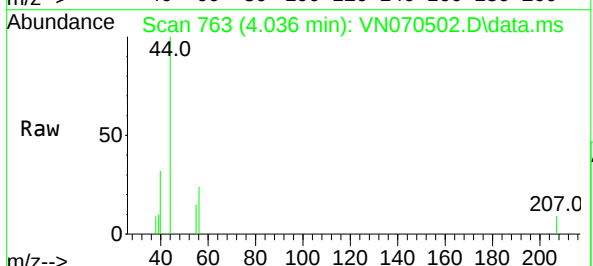
Acq: 5 Jan 2022 20:35

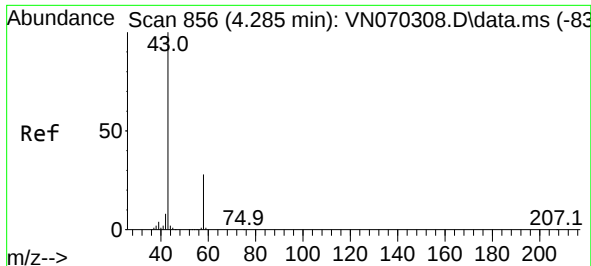
Tgt Ion: 56 Resp: 441

Ion Ratio Lower Upper

56 100

55 77.6 56.6 85.0

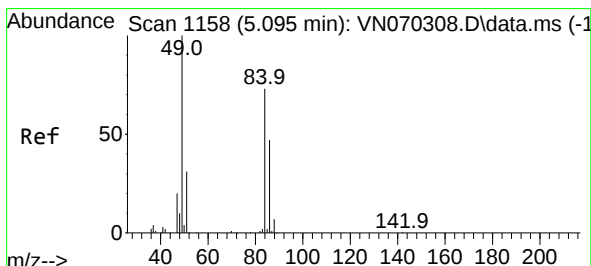
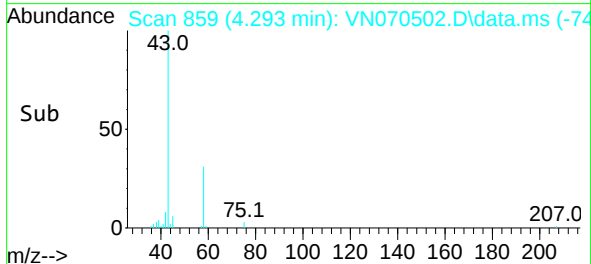
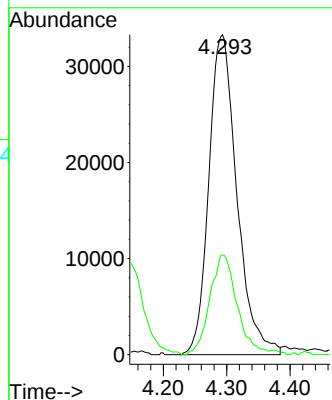
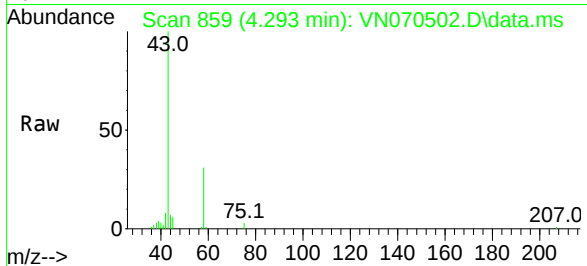




#16
Acetone
Concen: 12.205 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

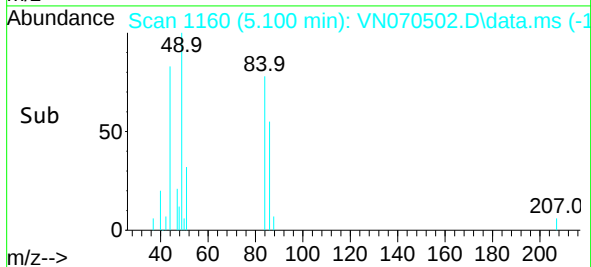
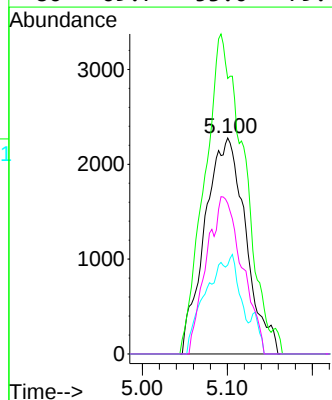
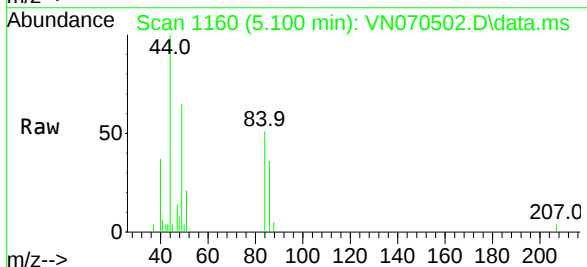
Instrument :
MSVOA_N
ClientSampleId :

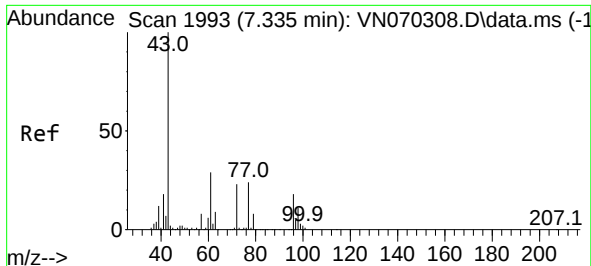
Tgt Ion: 43 Resp: 102600
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7



#20
Methylene Chloride
Concen: 0.655 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

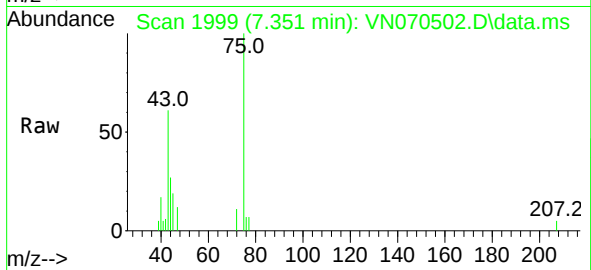
Tgt Ion: 84 Resp: 7615
Ion Ratio Lower Upper
84 100
49 127.5 93.5 140.3
51 41.2 29.4 44.2
86 69.7 53.0 79.4



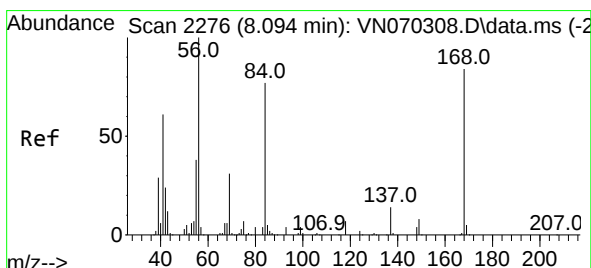
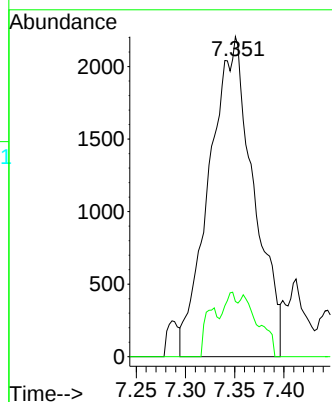
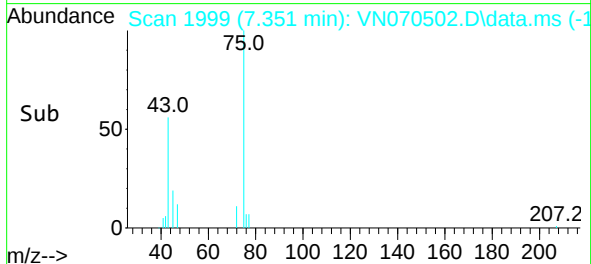


#25
2-Butanone
Concen: 0.654 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

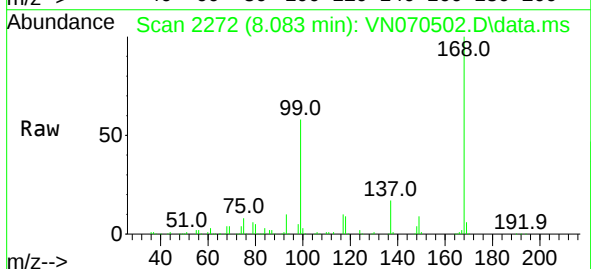
Instrument :
MSVOA_N
ClientSampleId :



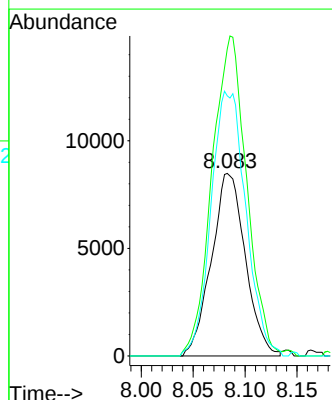
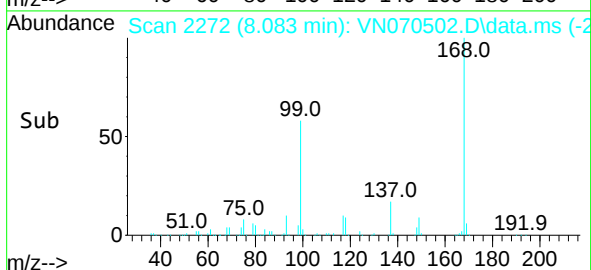
Tgt Ion: 43 Resp: 6920
Ion Ratio Lower Upper
43 100
72 19.0 21.7 32.5#

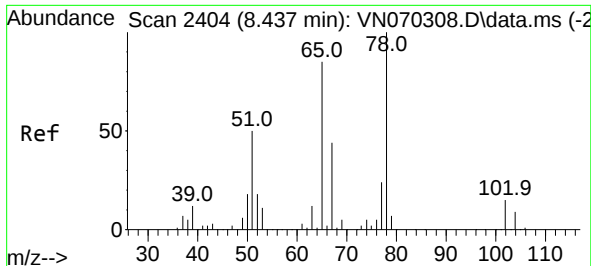


#31
Cyclohexane
Concen: 0.943 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35



Tgt Ion: 56 Resp: 19273
Ion Ratio Lower Upper
56 100
69 168.0 27.1 40.7#
84 142.5 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 54.650 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070502.D

Acq: 5 Jan 2022 20:35

Instrument :

MSVOA_N

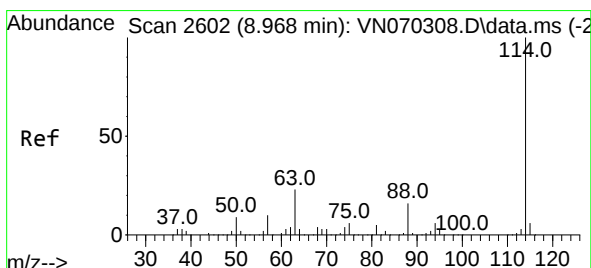
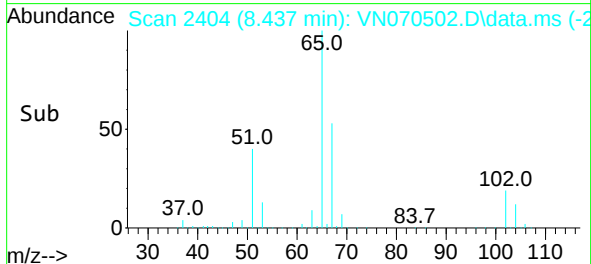
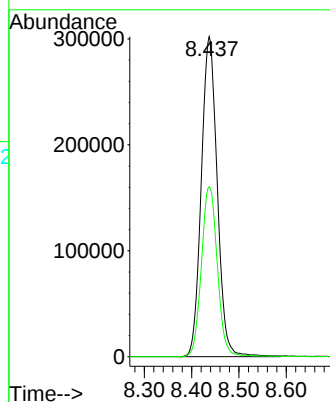
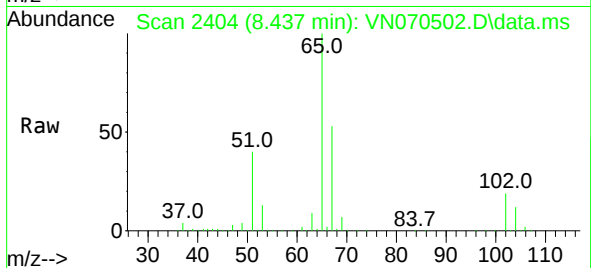
ClientSampleId :

Tgt Ion: 65 Resp: 707705

Ion Ratio Lower Upper

65 100

67 52.7 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: VN070502.D

Acq: 5 Jan 2022 20:35

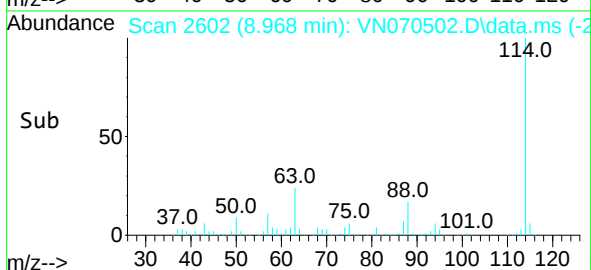
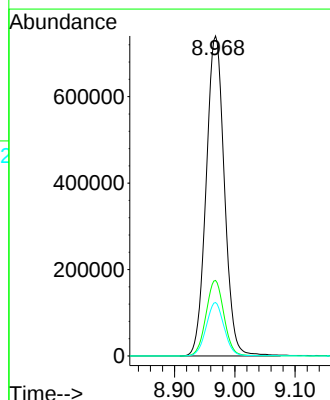
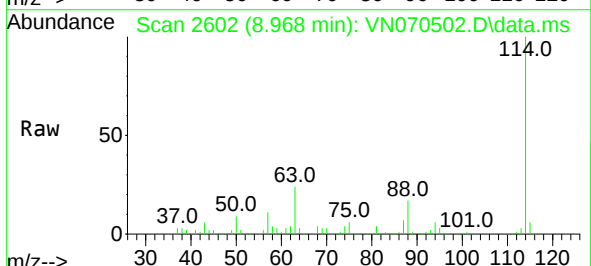
Tgt Ion: 114 Resp: 1556888

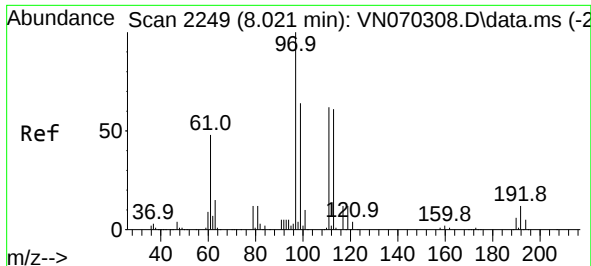
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

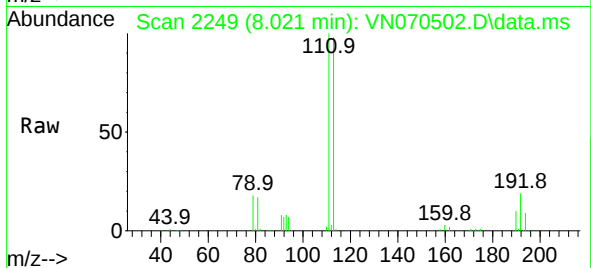
88 16.7 0.0 27.4



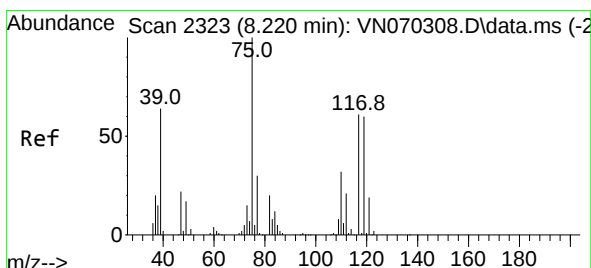
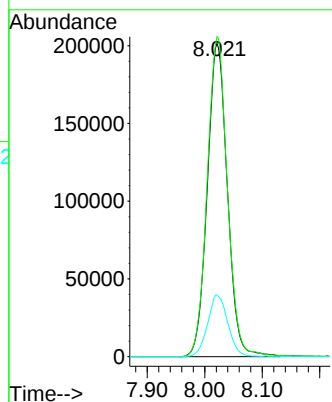
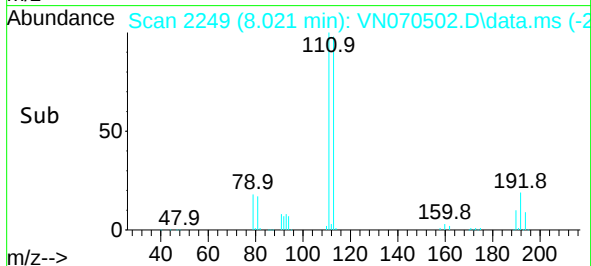


#35
Dibromofluoromethane
Concen: 52.076 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

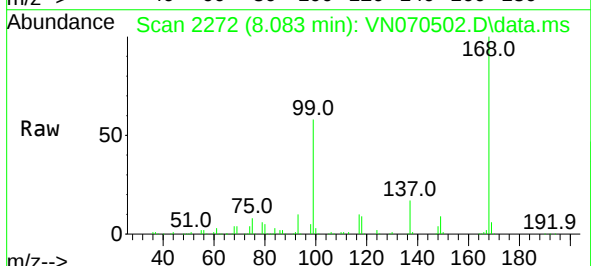
Instrument :
MSVOA_N
ClientSampleId :



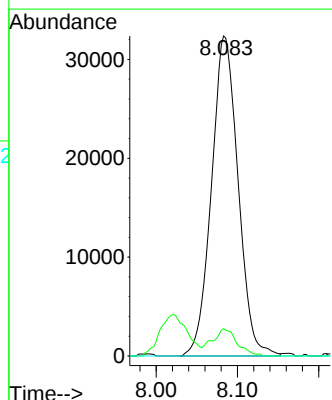
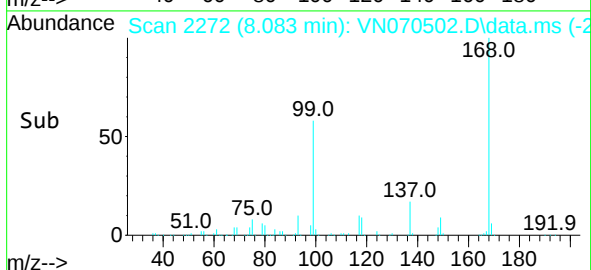
Tgt Ion:113 Resp: 490553
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.8 16.9 25.3

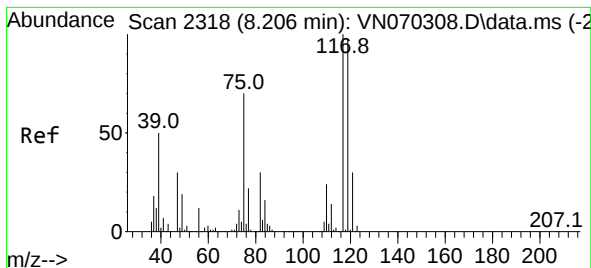


#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35



Tgt Ion: 75 Resp: 73678
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.896 ug/l

RT: 8.085 min Scan# 21

Delta R.T. -0.121 min

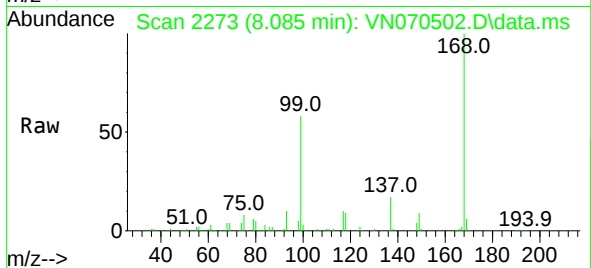
Lab File: VN070502.D

Acq: 5 Jan 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :



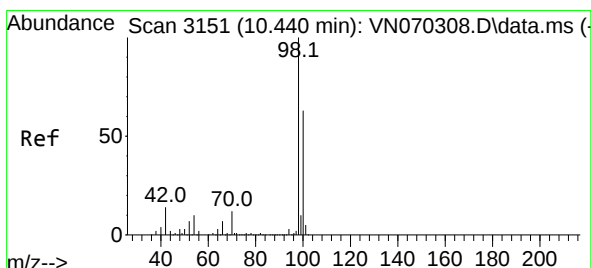
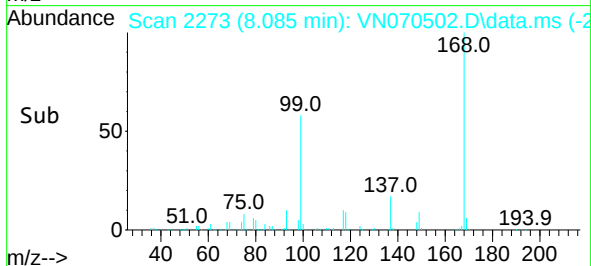
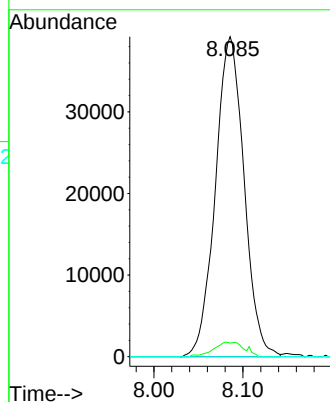
Tgt Ion:117 Resp: 87735

Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 51.294 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070502.D

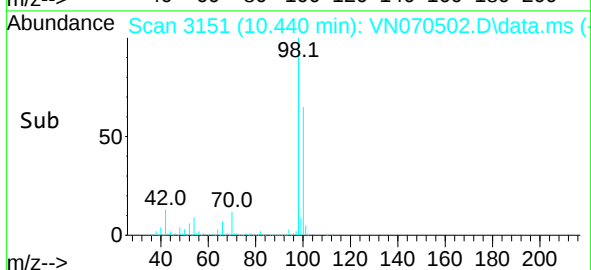
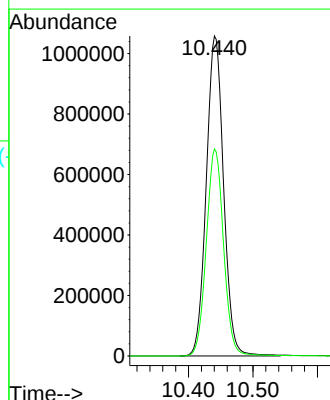
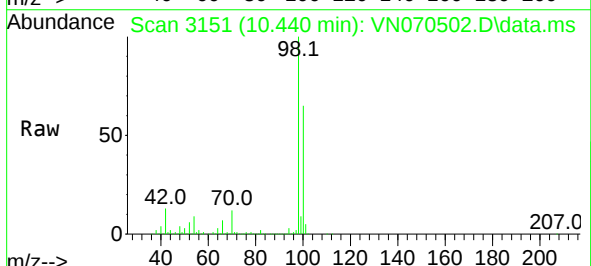
Acq: 5 Jan 2022 20:35

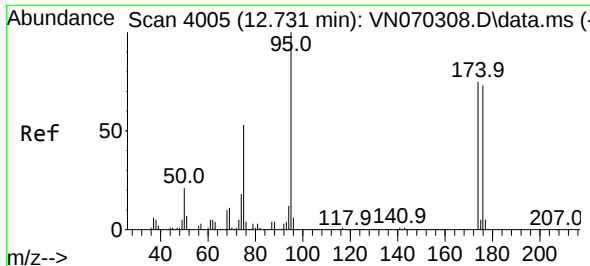
Tgt Ion: 98 Resp: 1973885

Ion Ratio Lower Upper

98 100

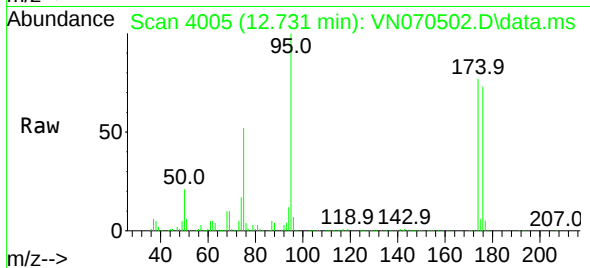
100 64.6 50.4 75.6



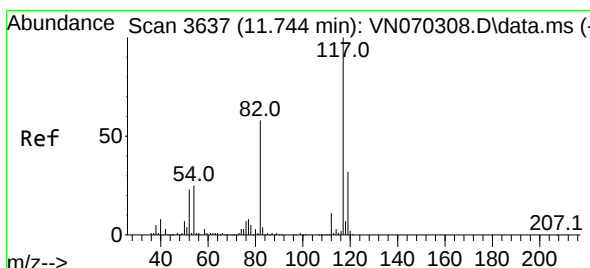
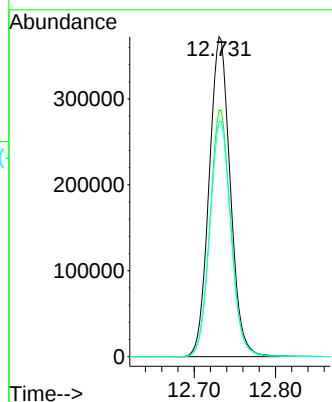
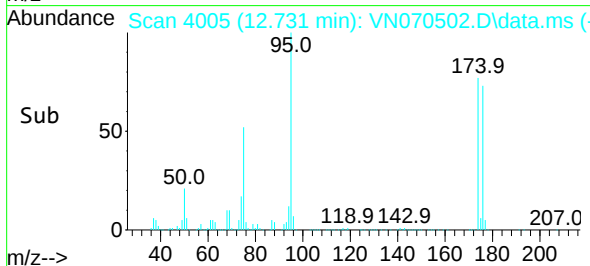


#62
4-Bromofluorobenzene
Concen: 48.429 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

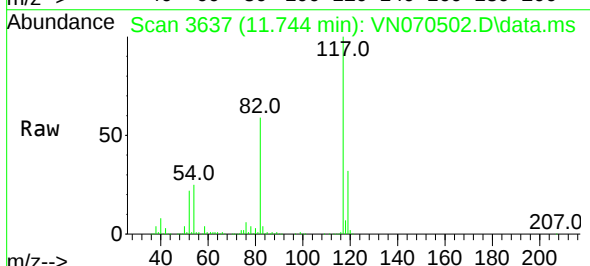
Instrument :
MSVOA_N
ClientSampleId :



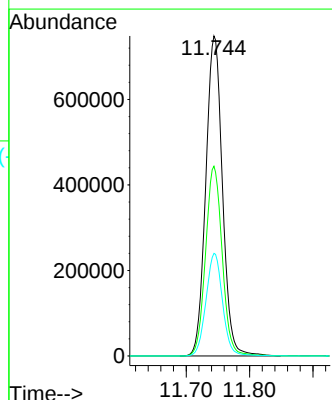
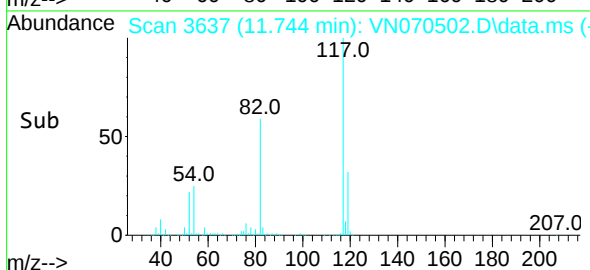
Tgt Ion: 95 Resp: 673106
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.8 0.0 181.4

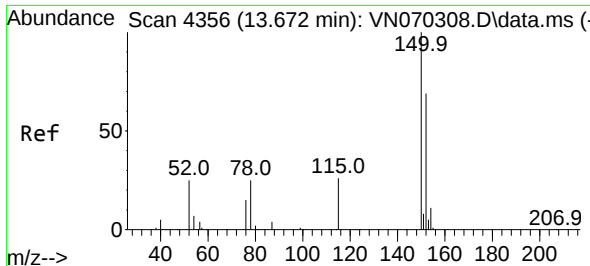


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35



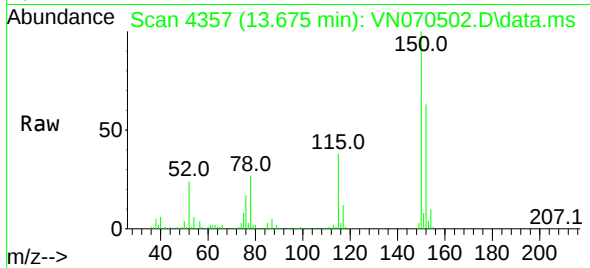
Tgt Ion: 117 Resp: 1367410
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.0 25.4 38.2



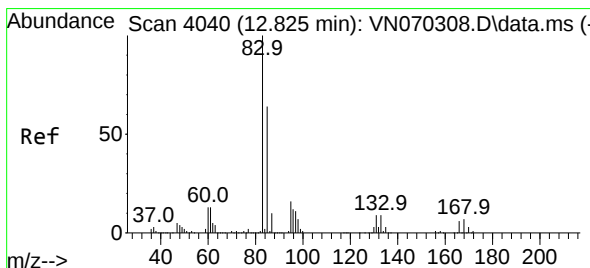
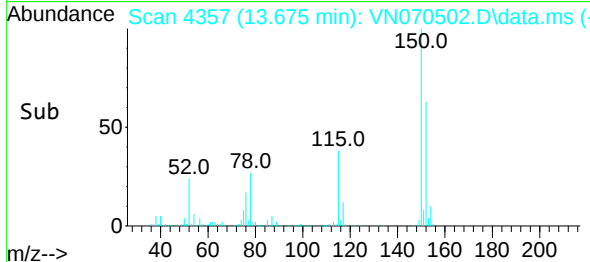
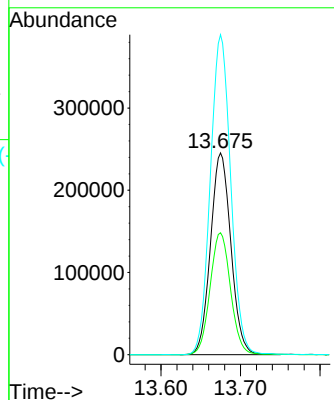


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070502.D
 Acq: 5 Jan 2022 20:35

Instrument :
 MSVOA_N
 ClientSampleId :

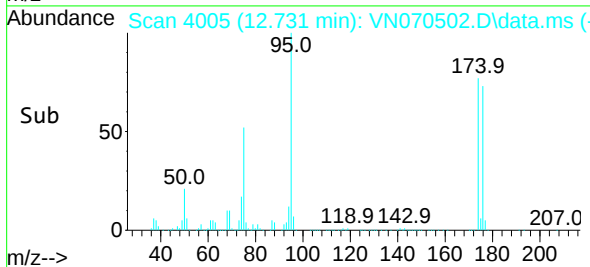
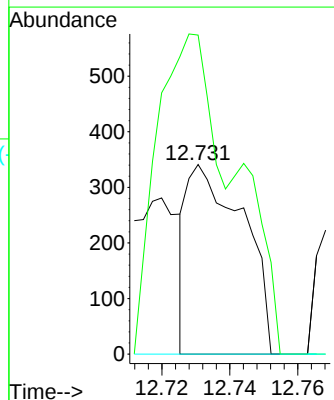
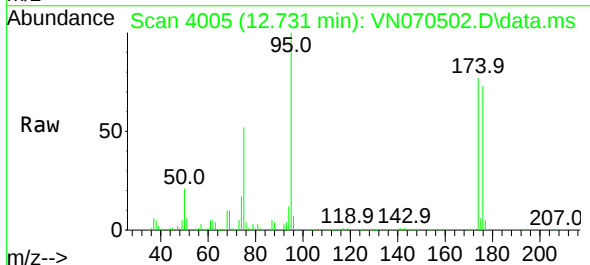


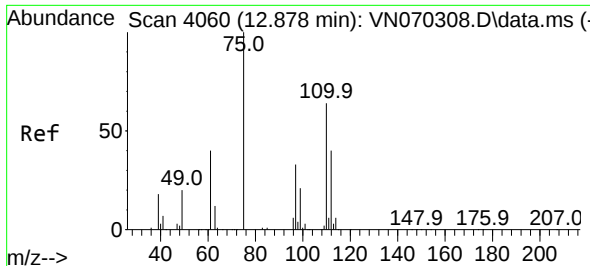
Tgt Ion:152 Resp: 437802
 Ion Ratio Lower Upper
 152 100
 115 60.7 27.5 82.5
 150 158.2 0.0 344.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.473 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.094 min
 Lab File: VN070502.D
 Acq: 5 Jan 2022 20:35

Tgt Ion: 83 Resp: 389
 Ion Ratio Lower Upper
 83 100
 131 176.9 5.5 16.5#
 85 0.0 32.4 97.2#

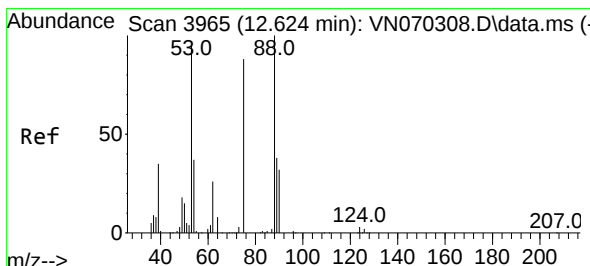
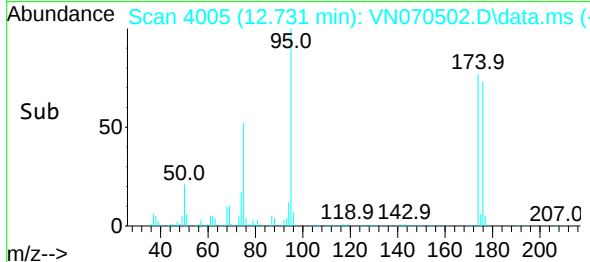
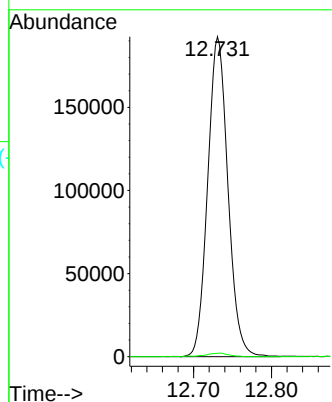
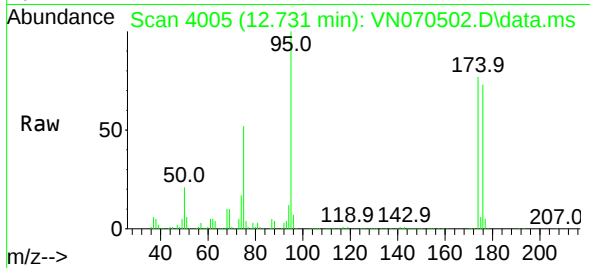




#76
1,2,3-Trichloropropane
Concen: 28.053 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

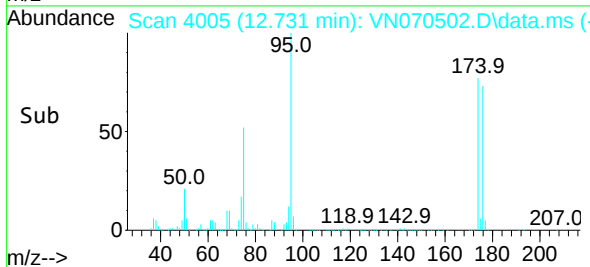
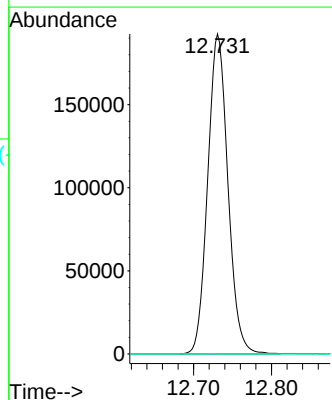
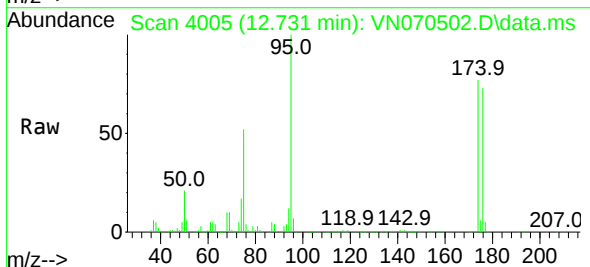
Instrument :
MSVOA_N
ClientSampleId :

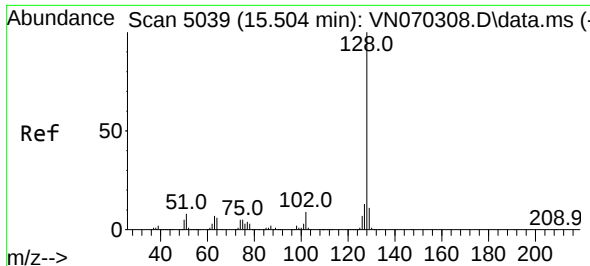
Tgt Ion: 75 Resp: 347141
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.876 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

Tgt Ion: 75 Resp: 347141
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

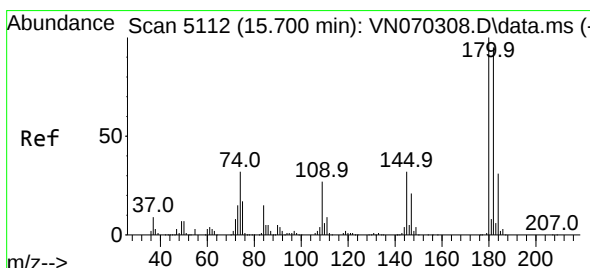
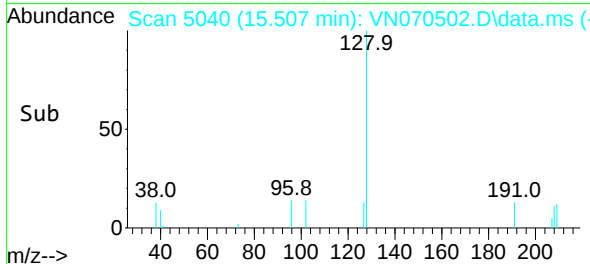
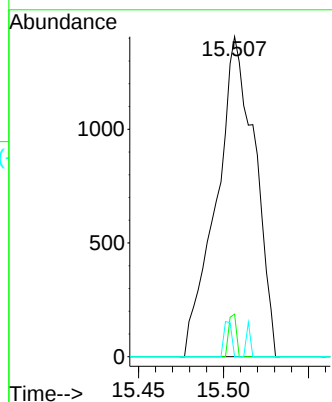
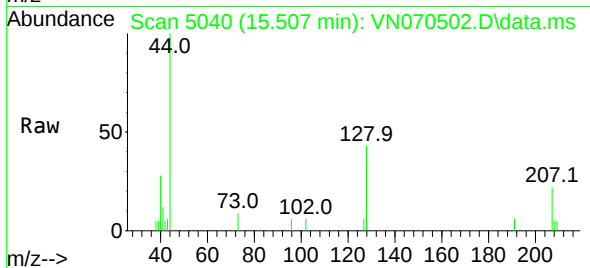




#95
Naphthalene
Concen: 1.904 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2222
Ion Ratio Lower Upper
128 100
127 2.6 10.5 15.7#
129 2.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.845 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN070502.D
Acq: 5 Jan 2022 20:35

Tgt Ion:180 Resp: 135
Ion Ratio Lower Upper
180 100
182 36.3 47.4 142.2#
145 0.0 15.0 45.1#

