

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070258.D
 Acq On : 21 Dec 2021 11:02
 Operator : JC/MD
 Sample : VN1221MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 15:22:58 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)

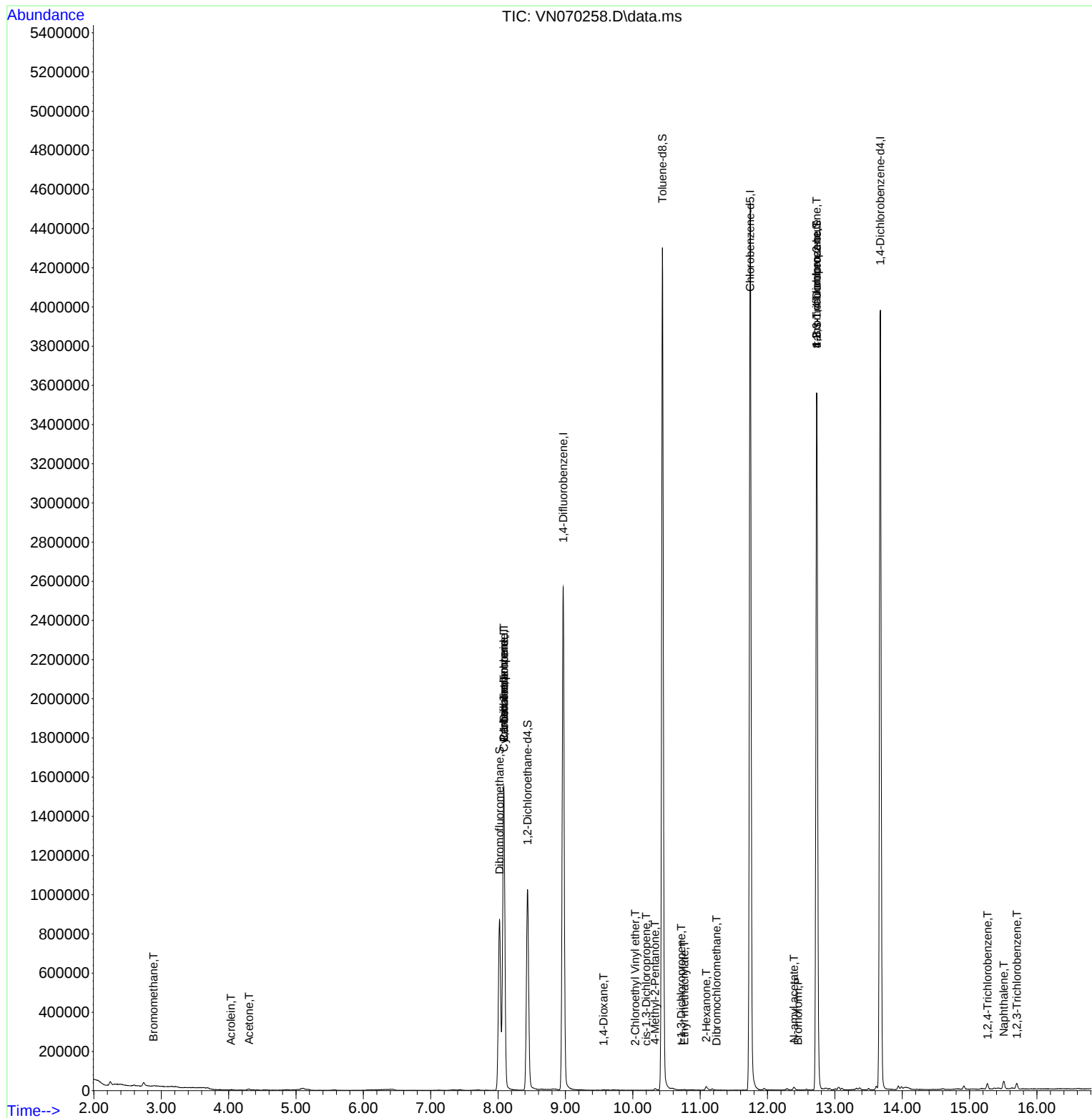
Internal Standards						
1) Pentafluorobenzene	8.086	168	1175643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2205277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2538976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1072201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	898825	49.517	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.040%		
35) Dibromofluoromethane	8.021	113	640217	46.348	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.700%		
50) Toluene-d8	10.440	98	2888148	52.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.140%		
62) 4-Bromofluorobenzene	12.731	95	1293732	64.384	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	128.760%		
Target Compounds						Qvalue
5) Bromomethane	2.885	94	2715	0.316	ug/l	91
13) Acrolein	4.033	56	615	0.210	ug/l #	1
16) Acetone	4.301	43	7361	0.674	ug/l	89
31) Cyclohexane	8.088	56	28837	1.142	ug/l #	11
36) 1,1-Dichloropropene	8.086	75	97294	4.634	ug/l #	49
38) Carbon Tetrachloride	8.086	117	120690	5.863	ug/l #	16
49) 1,4-Dioxane	9.566	88	385	0.994	ug/l #	33
51) 4-Methyl-2-Pentanone	10.330	43	7987	0.266	ug/l	94
53) t-1,3-Dichloropropene	10.719	75	258	2.804	ug/l #	88
54) cis-1,3-Dichloropropene	10.199	75	53	2.001	ug/l #	5
56) Ethyl methacrylate	10.768	69	1585	2.330	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.035	63	27	18.392	ug/l #	45
59) 2-Hexanone	11.089	43	17859	0.787	ug/l	86
60) Dibromochloromethane	11.242	129	114	2.383	ug/l #	11
71) Bromoform	12.454	173	277	2.748	ug/l #	29
74) N-amyl acetate	12.393	43	11027	0.261	ug/l	92
76) 1,2,3-Trichloropropane	12.731	75	708802	23.052	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	708802	73.379	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	9236	3.373	ug/l	92
95) Naphthalene	15.507	128	37449	4.643	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	10346	3.010	ug/l	94

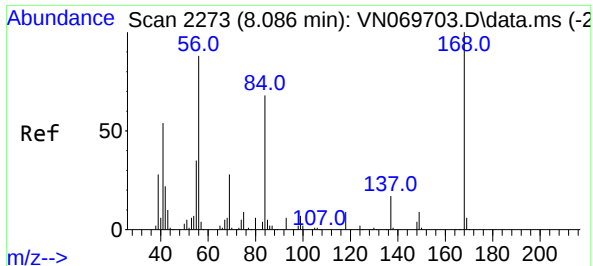
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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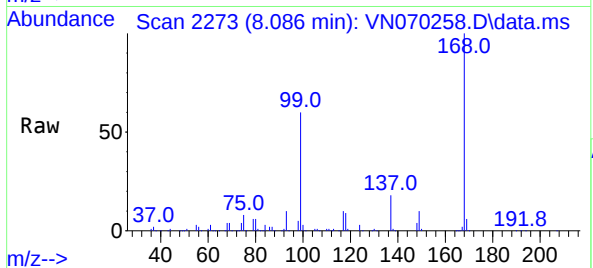
Quant Time: Dec 21 15:22:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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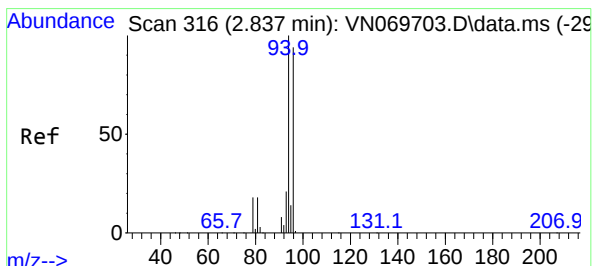
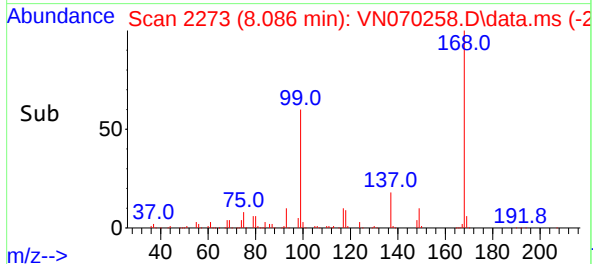
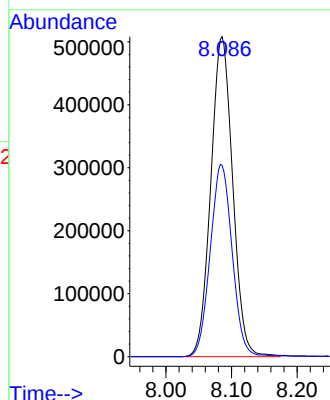


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :

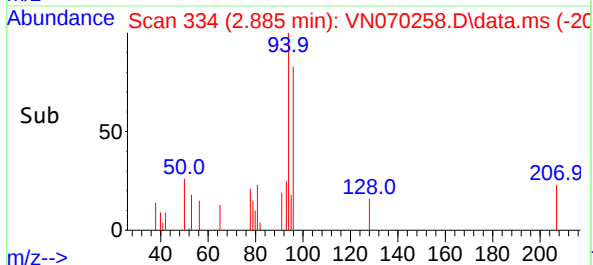
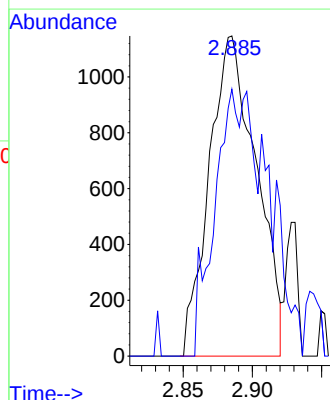
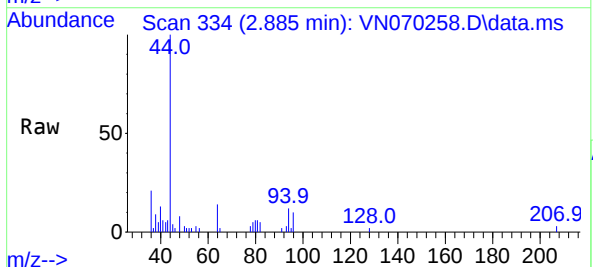


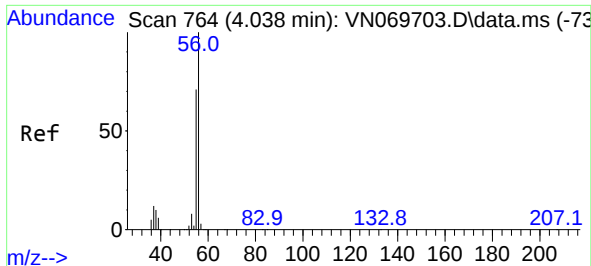
Tgt Ion:168 Resp: 1175643
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.885 min Scan# 334
Delta R.T. 0.048 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

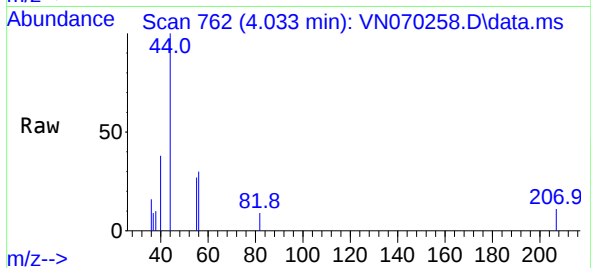
Tgt Ion: 94 Resp: 2715
Ion Ratio Lower Upper
94 100
96 83.3 73.8 110.8



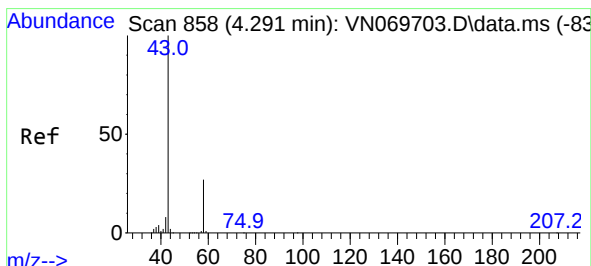
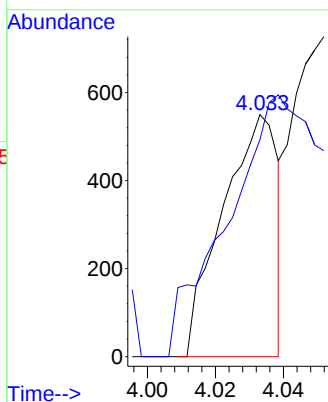
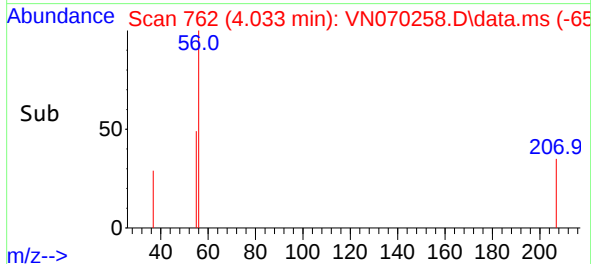


#13
Acrolein
Concen: 0.210 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :

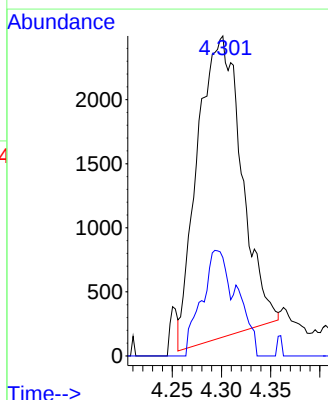
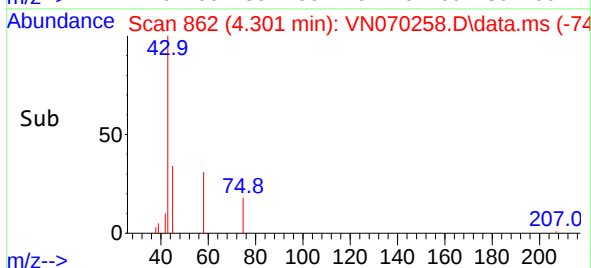
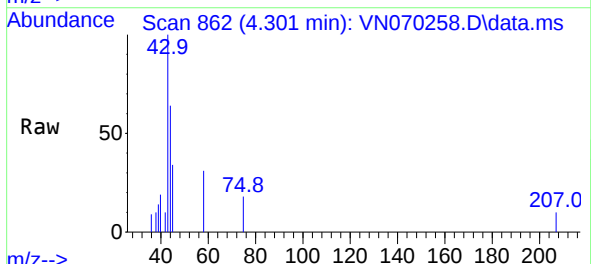


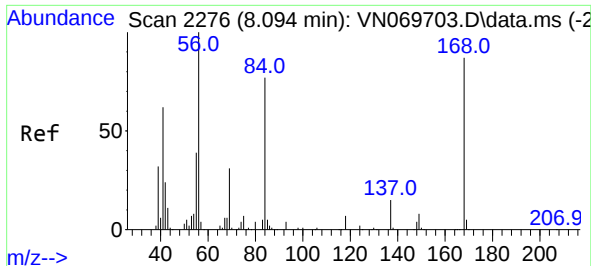
Tgt Ion: 56 Resp: 615
Ion Ratio Lower Upper
56 100
55 173.8 56.6 85.0#



#16
Acetone
Concen: 0.674 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

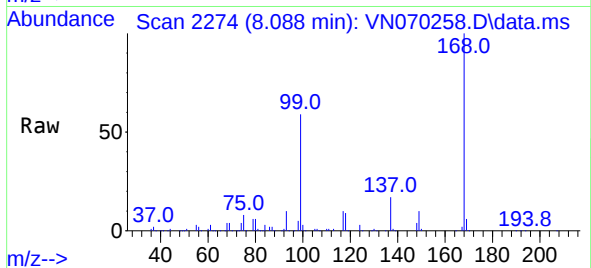
Tgt Ion: 43 Resp: 7361
Ion Ratio Lower Upper
43 100
58 34.7 23.1 34.7



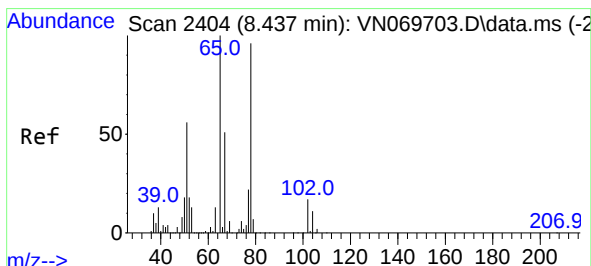
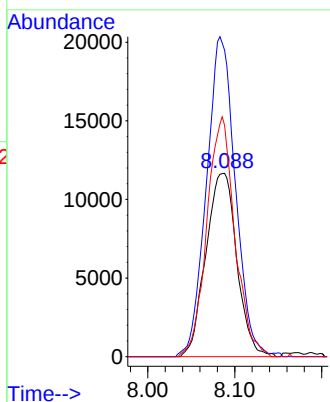
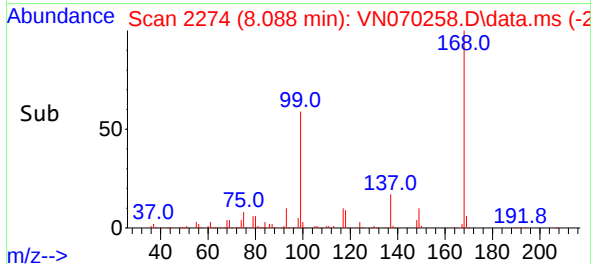


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :

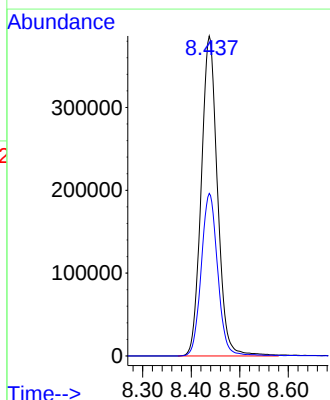
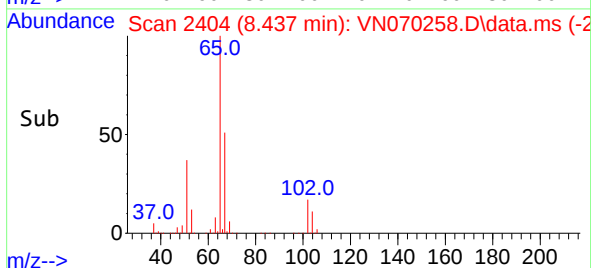
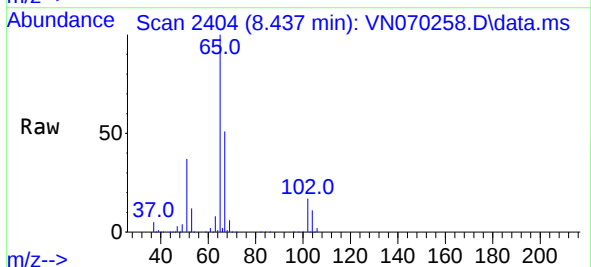


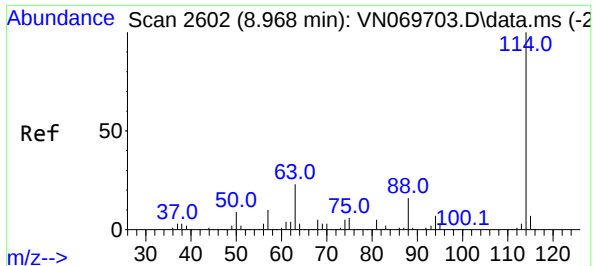
Tgt Ion: 56 Resp: 28837
Ion Ratio Lower Upper
56 100
69 165.6 27.1 40.7#
84 126.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.517 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 65 Resp: 898825
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070258.D

Acq: 21 Dec 2021 11:02

Instrument :

MSVOA_N

ClientSampleId :

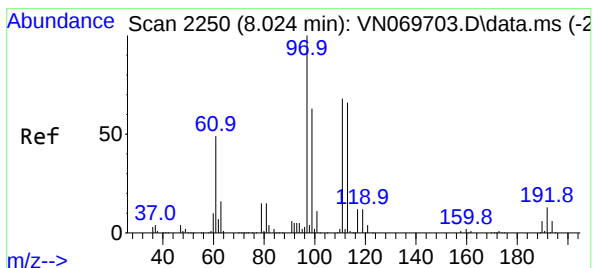
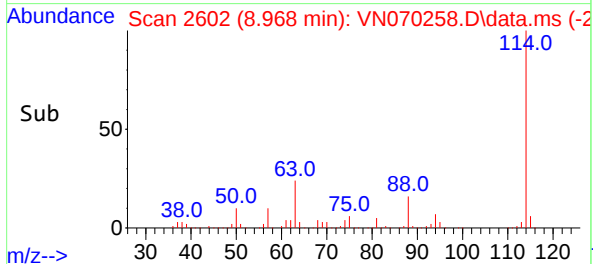
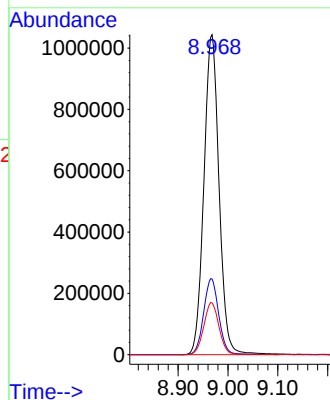
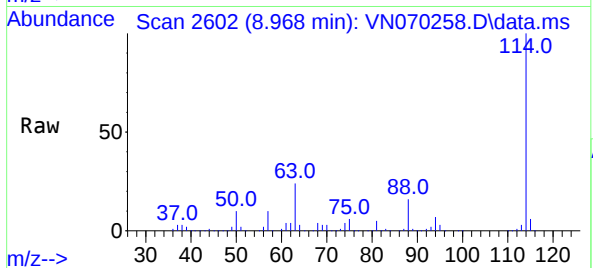
Tgt Ion:114 Resp: 2205277

Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.348 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070258.D

Acq: 21 Dec 2021 11:02

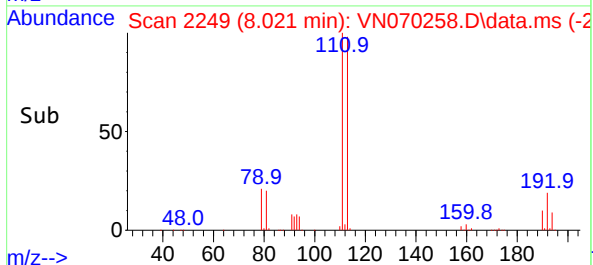
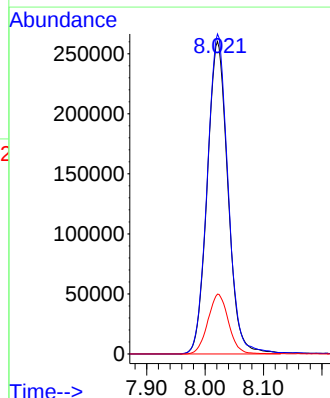
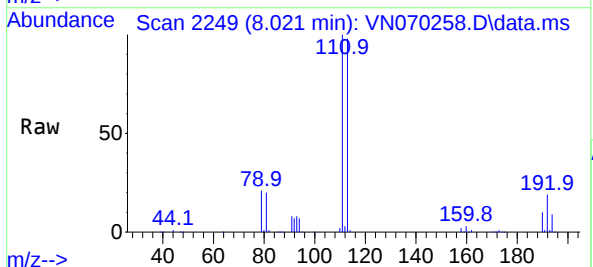
Tgt Ion:113 Resp: 640217

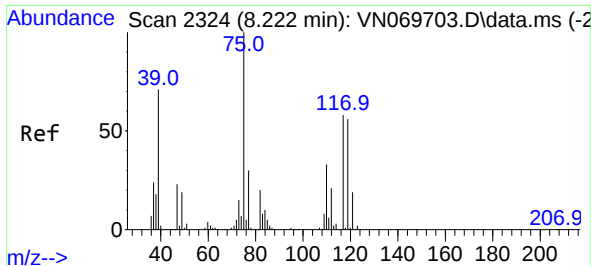
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 19.1 16.9 25.3

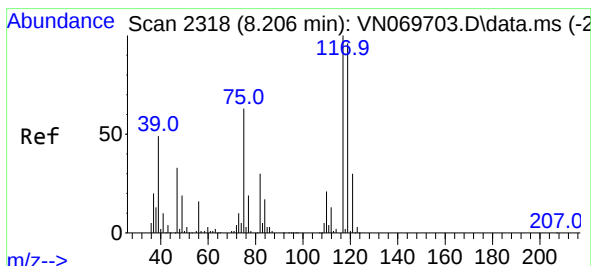
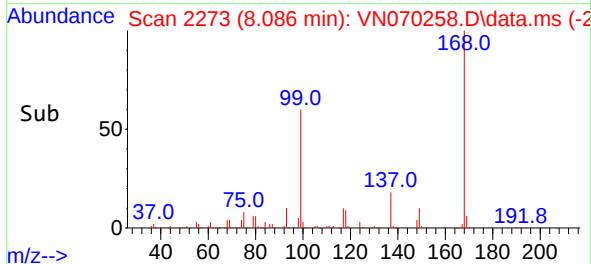
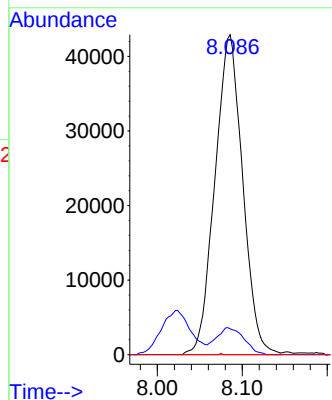
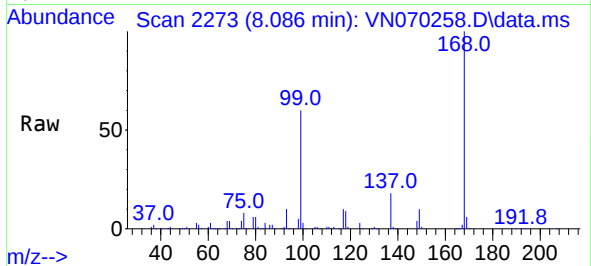




#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

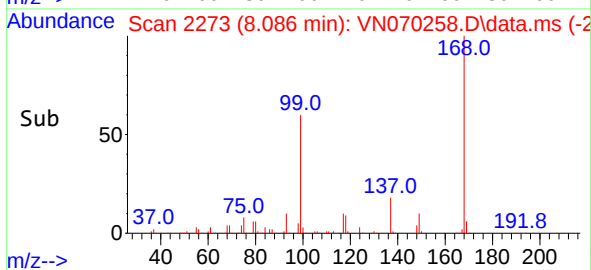
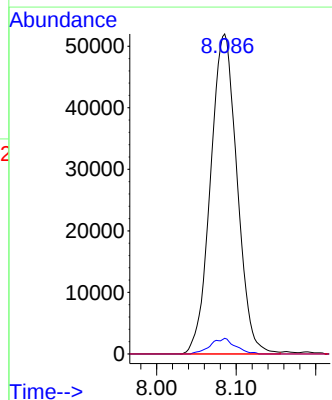
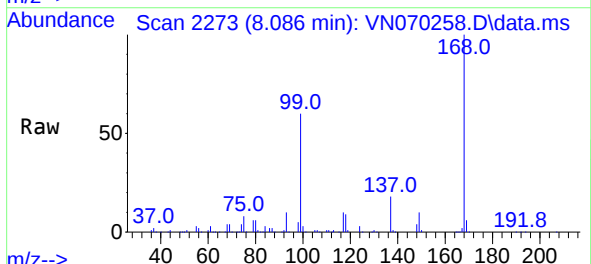
Instrument :
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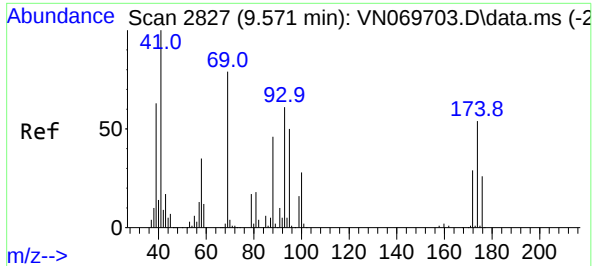
Tgt Ion: 75 Resp: 97294
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.863 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

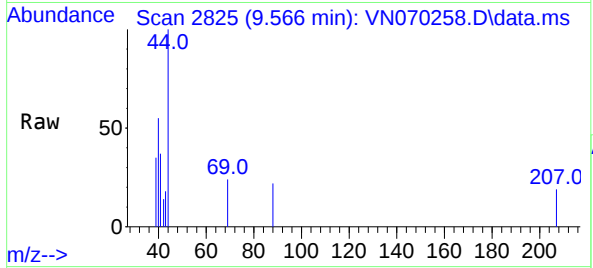
Tgt Ion: 117 Resp: 120690
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



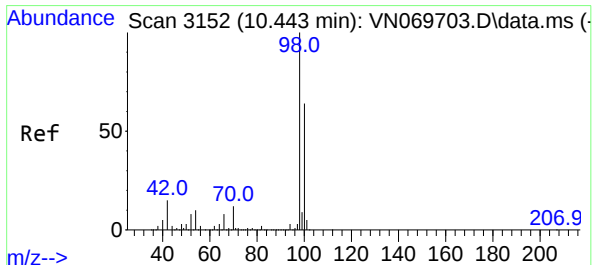
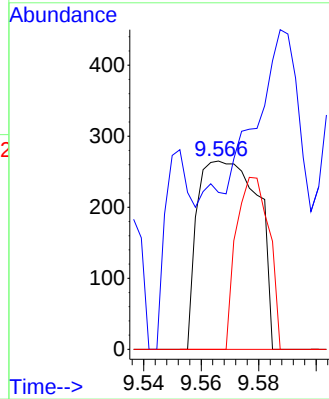
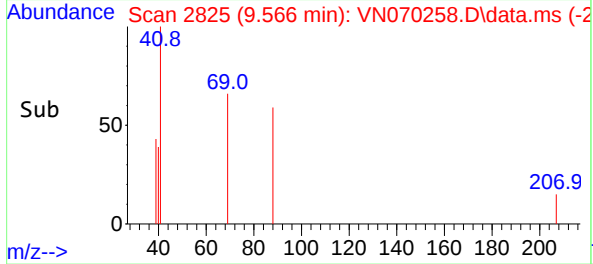


#49
1,4-Dioxane
Concen: 0.994 ug/l
RT: 9.566 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
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ClientSampleId :

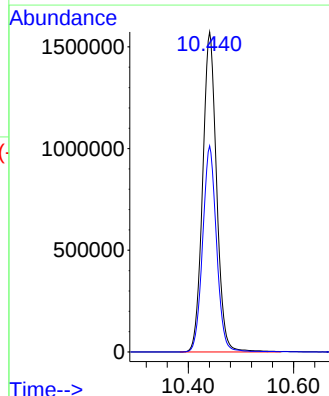
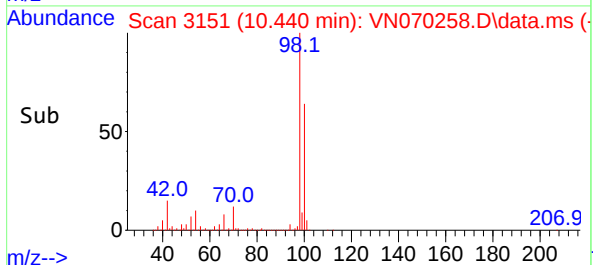
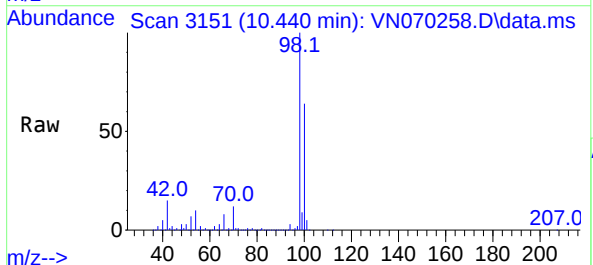


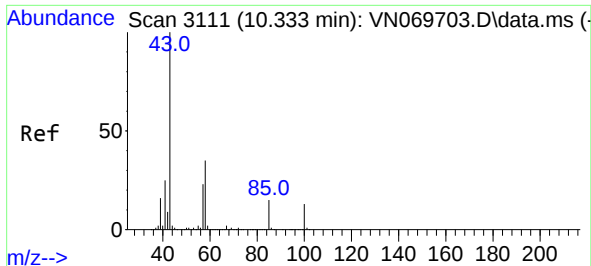
Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
43 48.8 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 52.071 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 98 Resp: 2888148
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.266 ug/l

RT: 10.330 min Scan# 3111

Delta R.T. -0.003 min

Lab File: VN070258.D

Acq: 21 Dec 2021 11:02

Instrument :

MSVOA_N

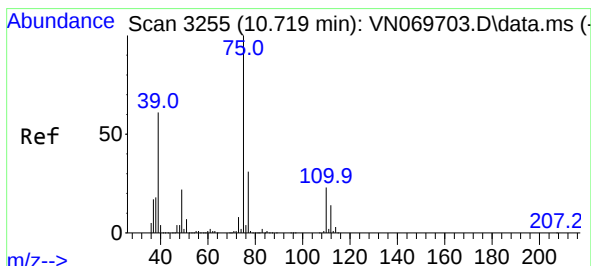
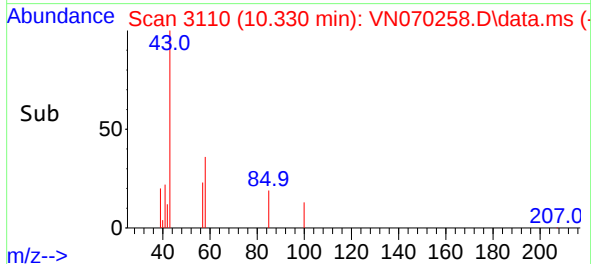
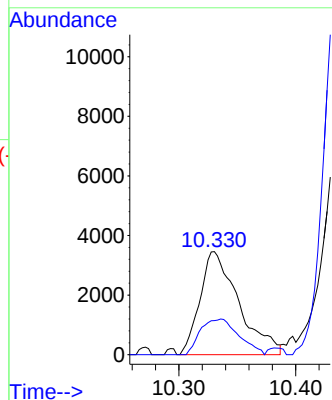
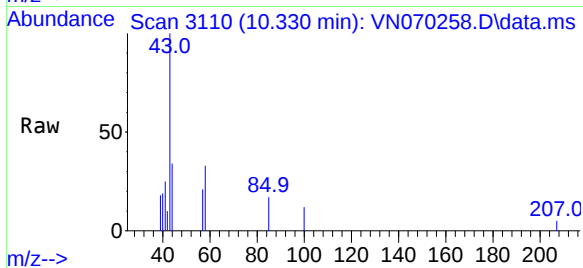
ClientSampleId :

Tgt Ion: 43 Resp: 7987

Ion Ratio Lower Upper

43 100

58 34.2 30.4 45.6



#53

t-1,3-Dichloropropene

Concen: 2.804 ug/l

RT: 10.719 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VN070258.D

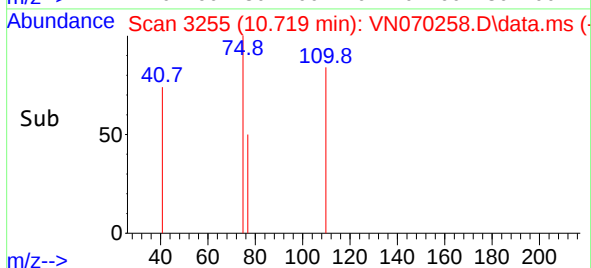
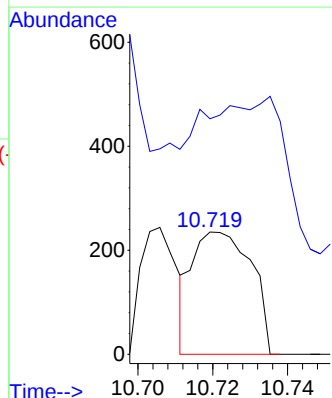
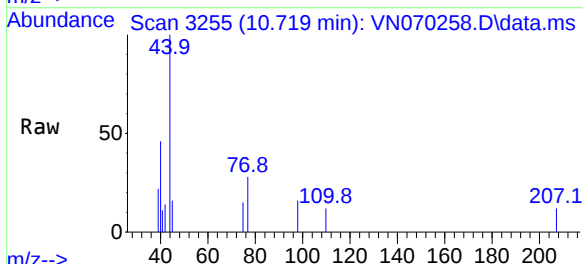
Acq: 21 Dec 2021 11:02

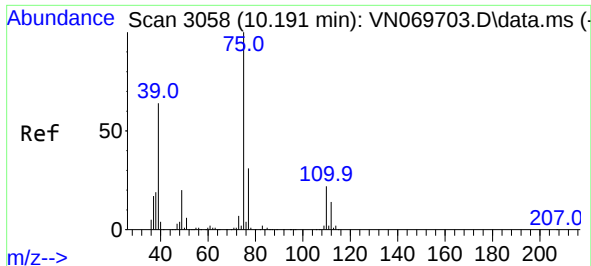
Tgt Ion: 75 Resp: 258

Ion Ratio Lower Upper

75 100

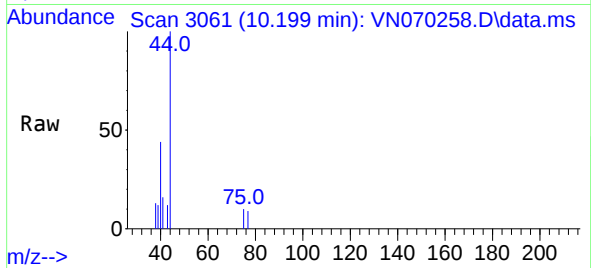
77 25.1 25.6 38.4#



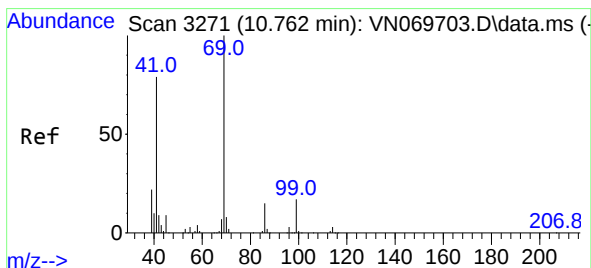
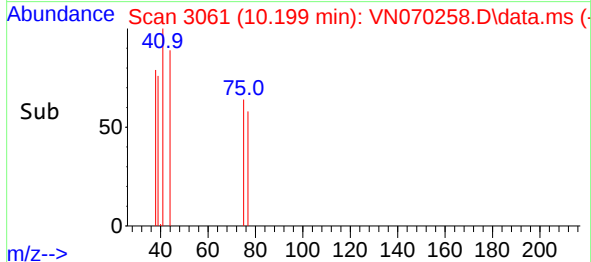
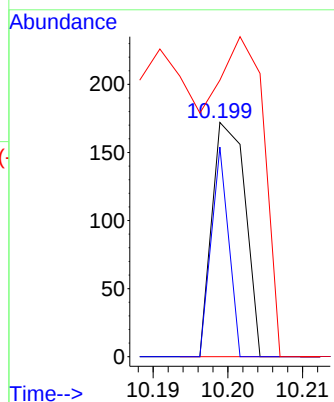


#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.199 min Scan# 3058
Delta R.T. 0.008 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :

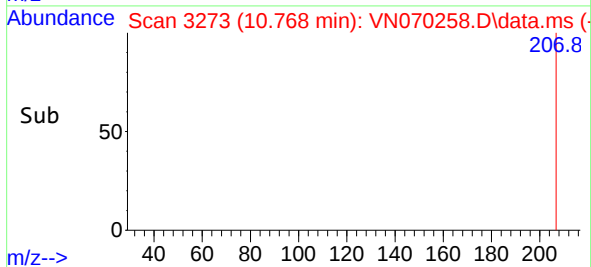
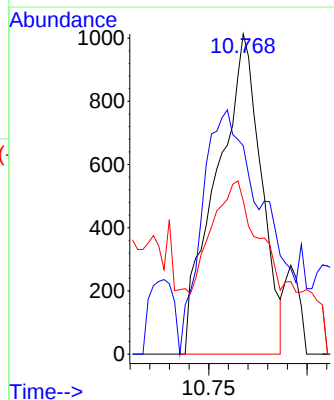
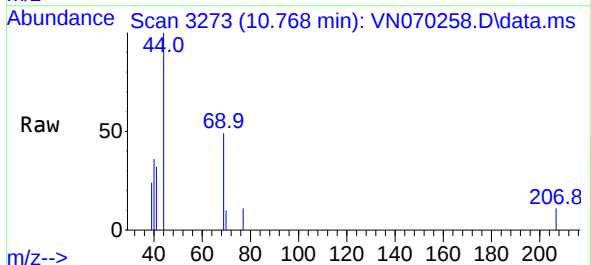


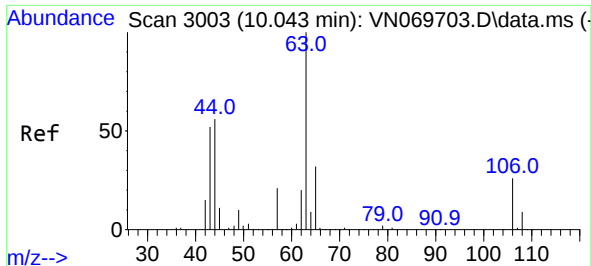
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 89.5 26.4 39.6#
39 118.0 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.330 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 69 Resp: 1585
Ion Ratio Lower Upper
69 100
41 107.3 51.4 77.0#
39 83.3 34.6 52.0#

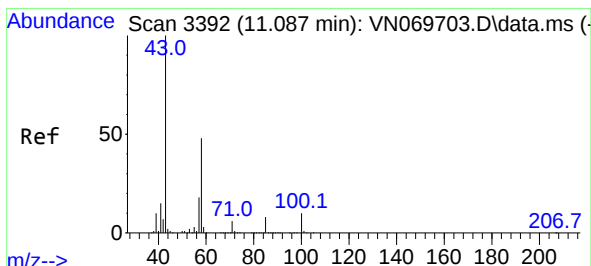
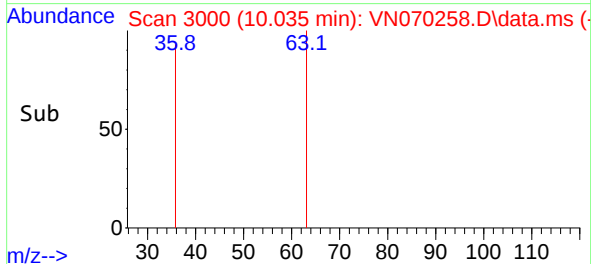
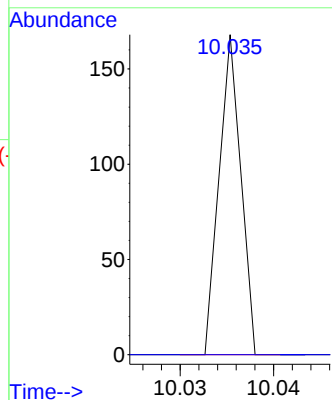
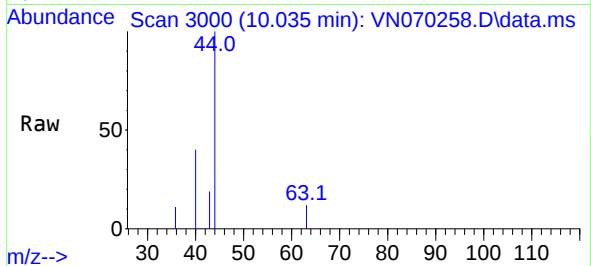




#58
2-Chloroethyl Vinyl ether
Concen: 18.392 ug/l
RT: 10.035 min Scan# 3000
Delta R.T. -0.008 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

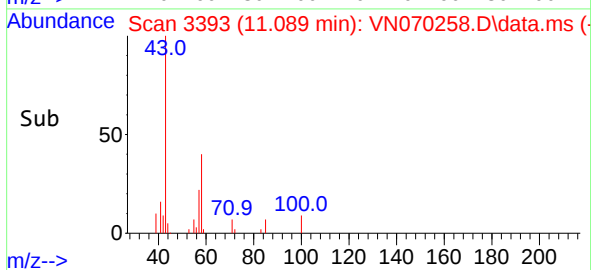
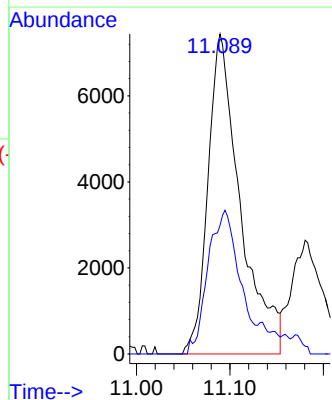
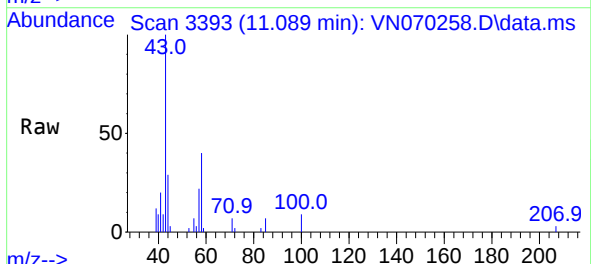
Instrument :
MSVOA_N
ClientSampleId :

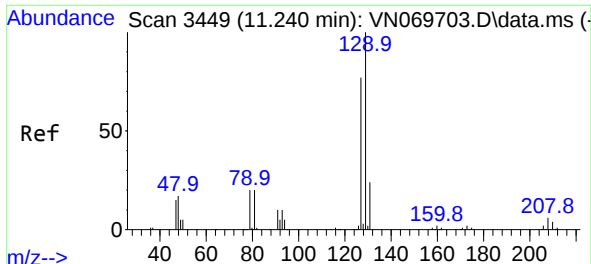
Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.787 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 43 Resp: 17859
Ion Ratio Lower Upper
43 100
58 44.0 26.9 80.7

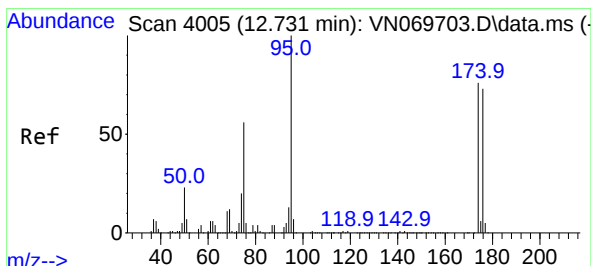
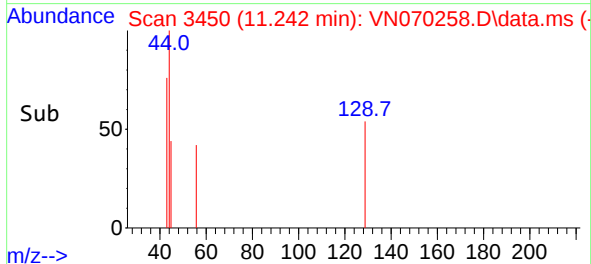
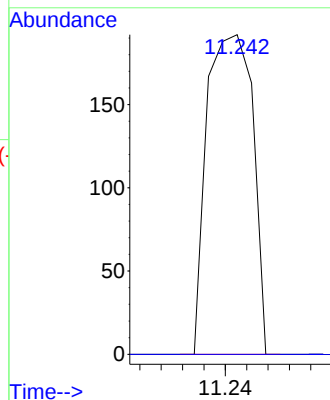
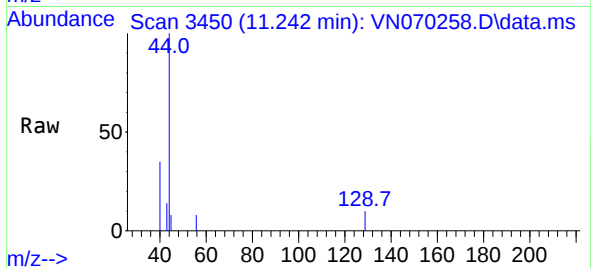




#60
Dibromochloromethane
Concen: 2.383 ug/l
RT: 11.242 min Scan# 3449
Delta R.T. 0.002 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

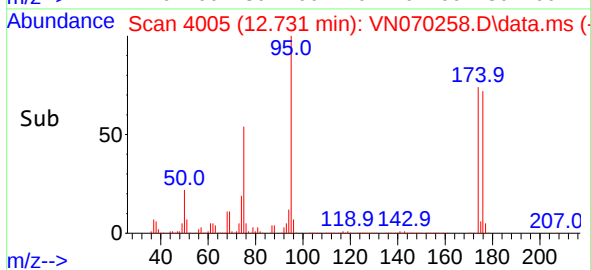
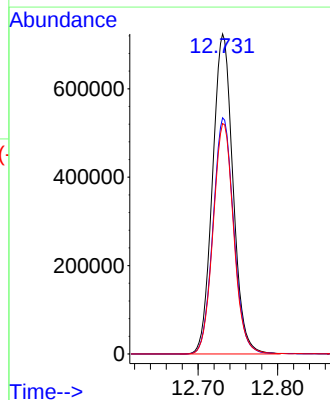
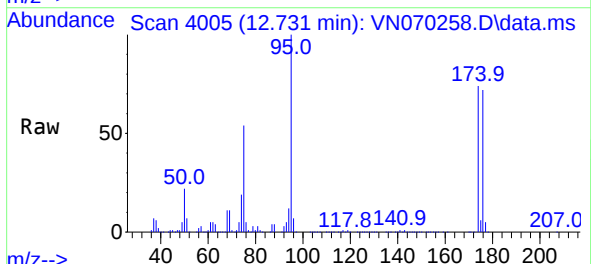
Instrument :
MSVOA_N
ClientSampleId :

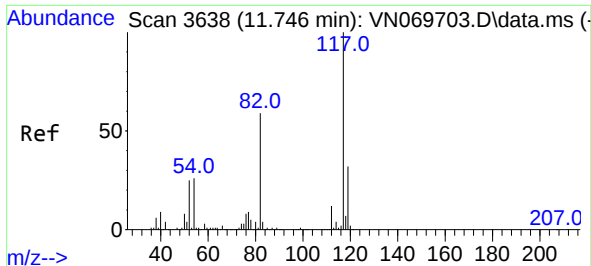
Tgt Ion:129 Resp: 114
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 64.384 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

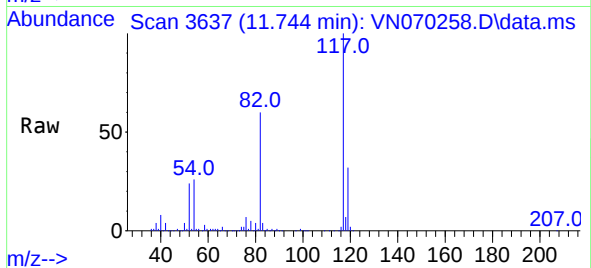
Tgt Ion: 95 Resp: 1293732
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.4 0.0 181.4





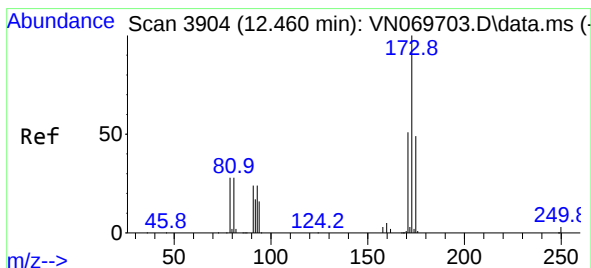
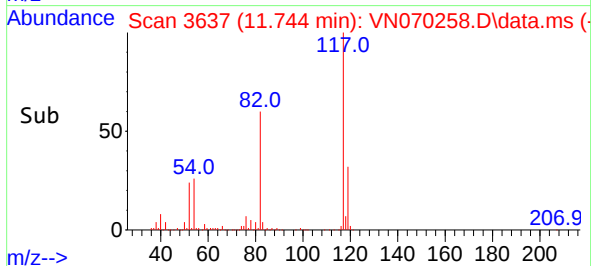
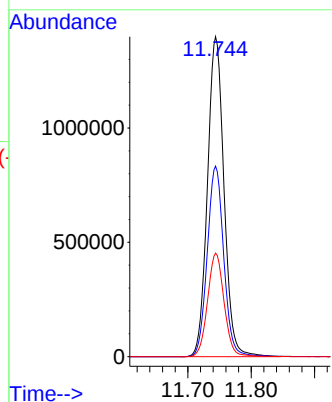
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2538976

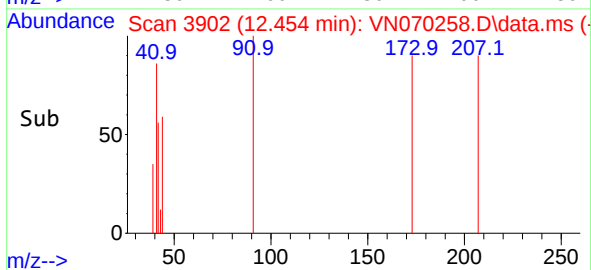
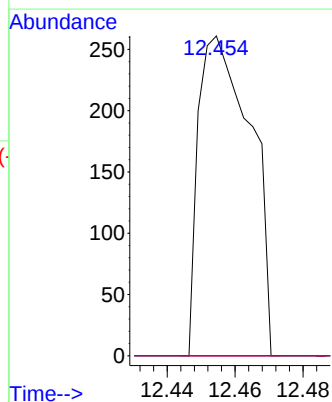
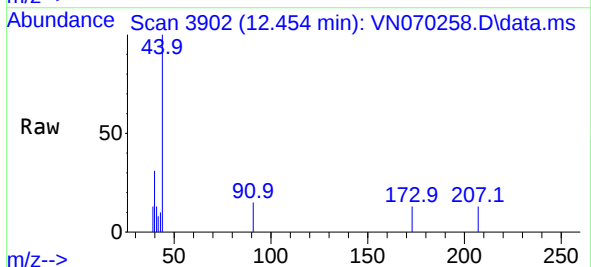
Ion	Ratio	Lower	Upper
117	100		
82	59.6	42.4	63.6
119	32.3	25.4	38.2

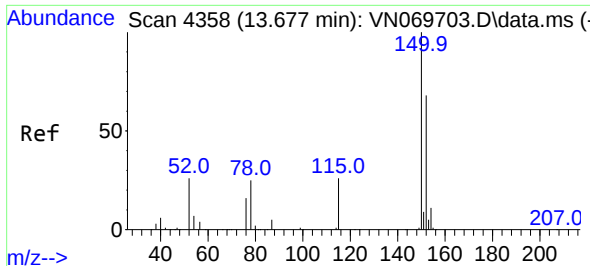


#71
Bromoform
Concen: 2.748 ug/l
RT: 12.454 min Scan# 3902
Delta R.T. -0.006 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion:173 Resp: 277

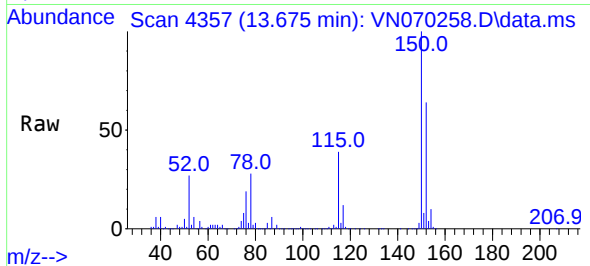
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.2	72.6#
254	0.0	0.0	0.0



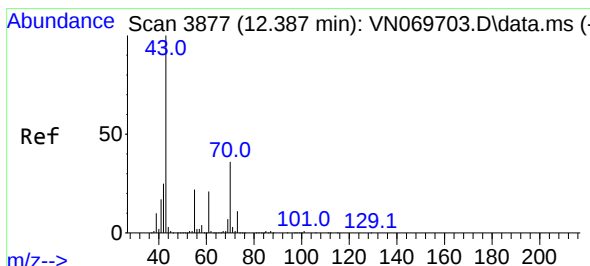
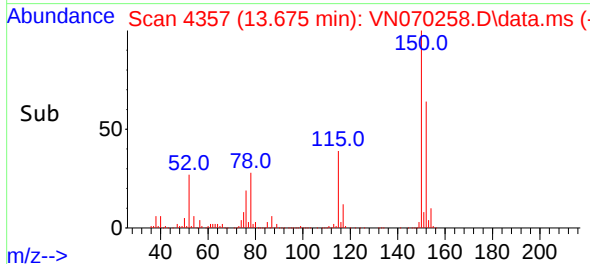
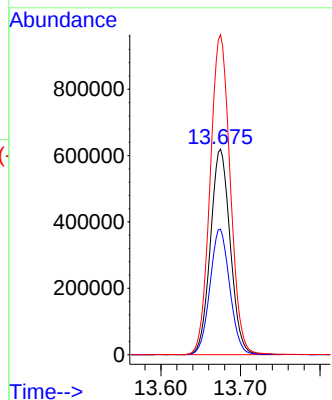


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :

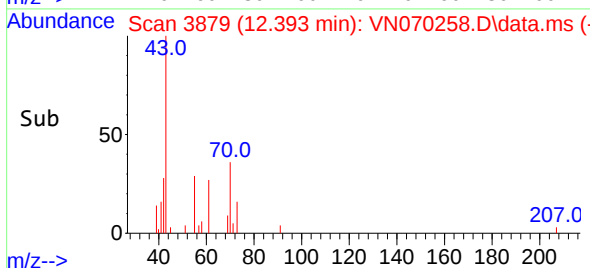
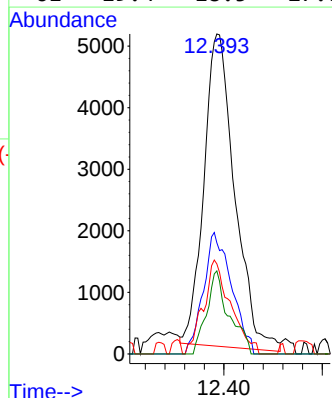
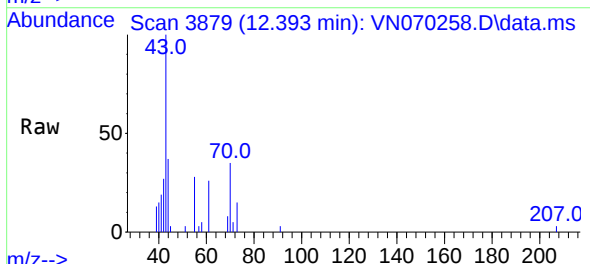


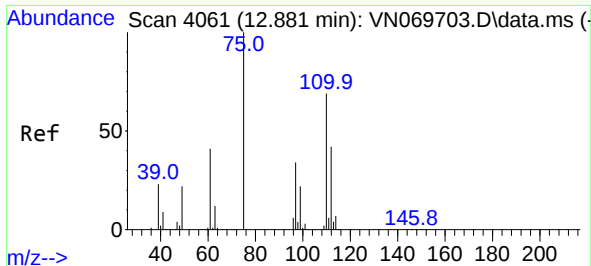
Tgt Ion:152 Resp: 1072201
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.7 0.0 344.4



#74
N-ethyl acetate
Concen: 0.261 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 43 Resp: 11027
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 26.6 19.3 28.9
61 19.4 18.5 27.7

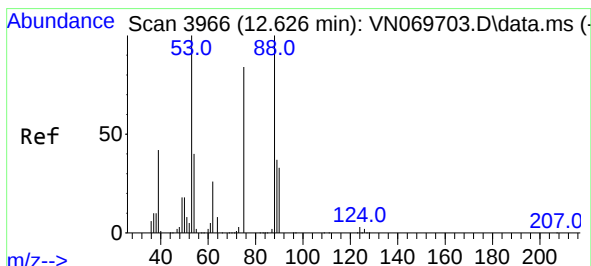
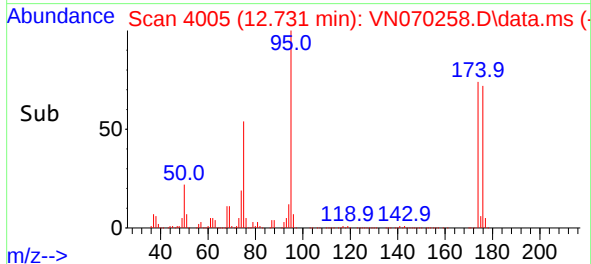
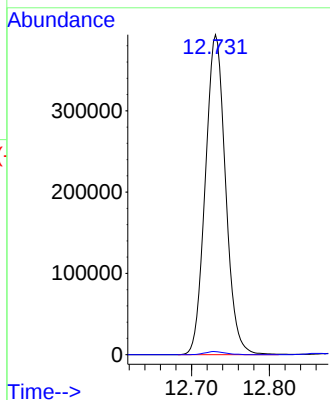
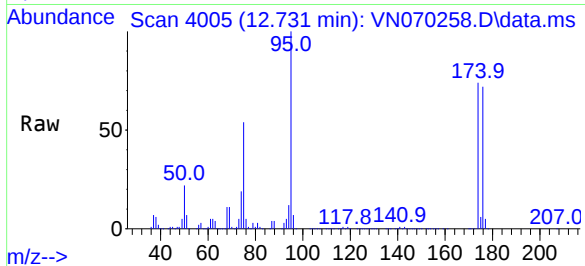




#76
1,2,3-Trichloropropane
Concen: 23.052 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

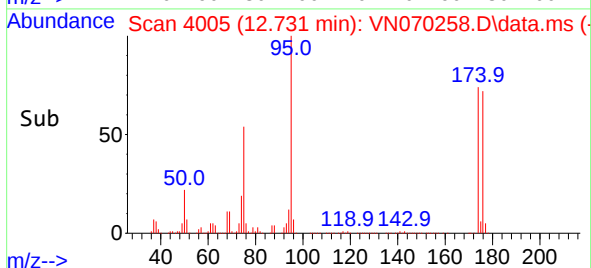
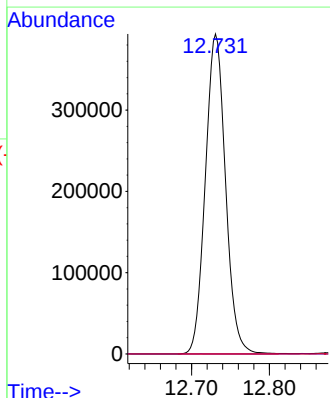
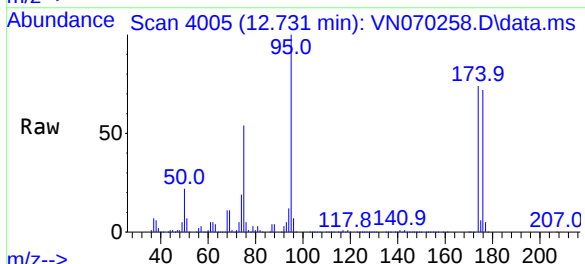
Instrument :
MSVOA_N
ClientSampleId :

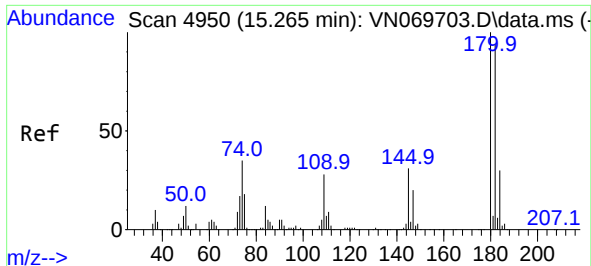
Tgt Ion: 75 Resp: 708802
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.379 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

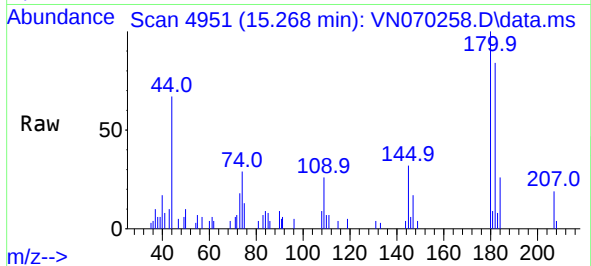
Tgt Ion: 75 Resp: 708802
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



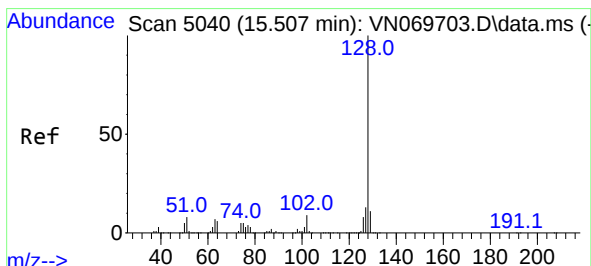
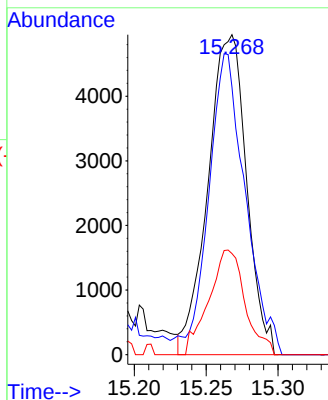
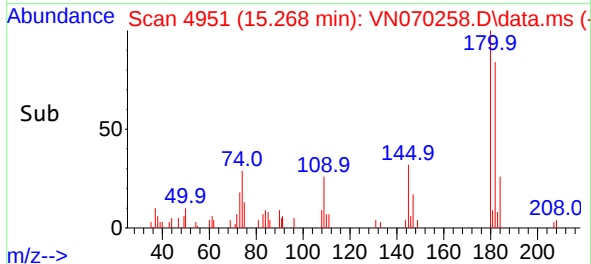


#93
1,2,4-Trichlorobenzene
Concen: 3.373 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

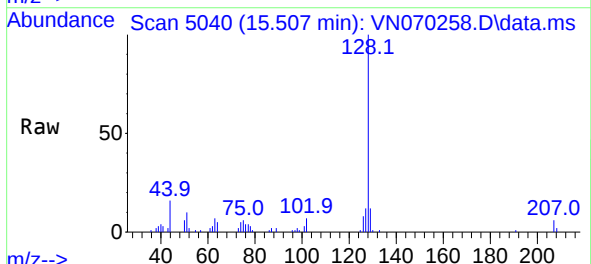
Instrument :
MSVOA_N
ClientSampleId :



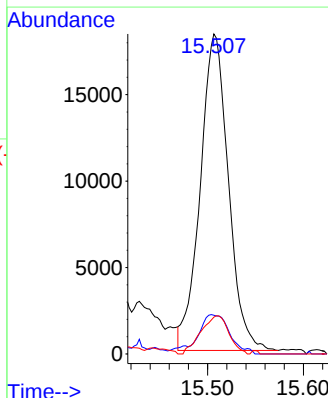
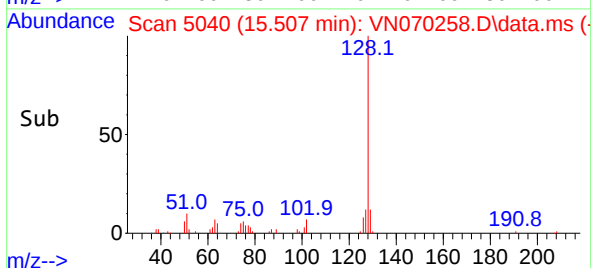
Tgt Ion:180 Resp: 9236
Ion Ratio Lower Upper
180 100
182 88.0 48.3 144.9
145 30.7 14.5 43.5

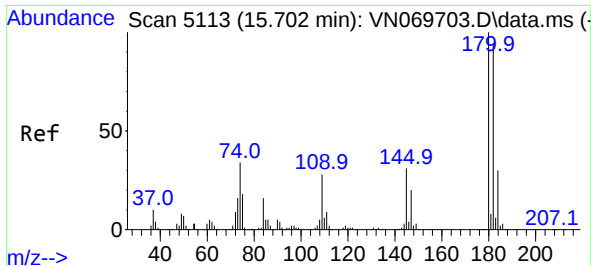


#95
Naphthalene
Concen: 4.643 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02



Tgt Ion:128 Resp: 37449
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 11.9 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 3.010 ug/l

RT: 15.702 min Scan# 51

Delta R.T. 0.000 min

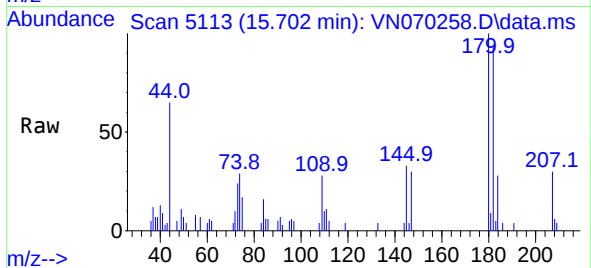
Lab File: VN070258.D

Acq: 21 Dec 2021 11:02

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 10346

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.2

145 16.7 15.0 45.1

