

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070064.D
 Acq On : 14 Dec 2021 12:02
 Operator : JC/MD
 Sample : VN1214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 17:09:27 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)

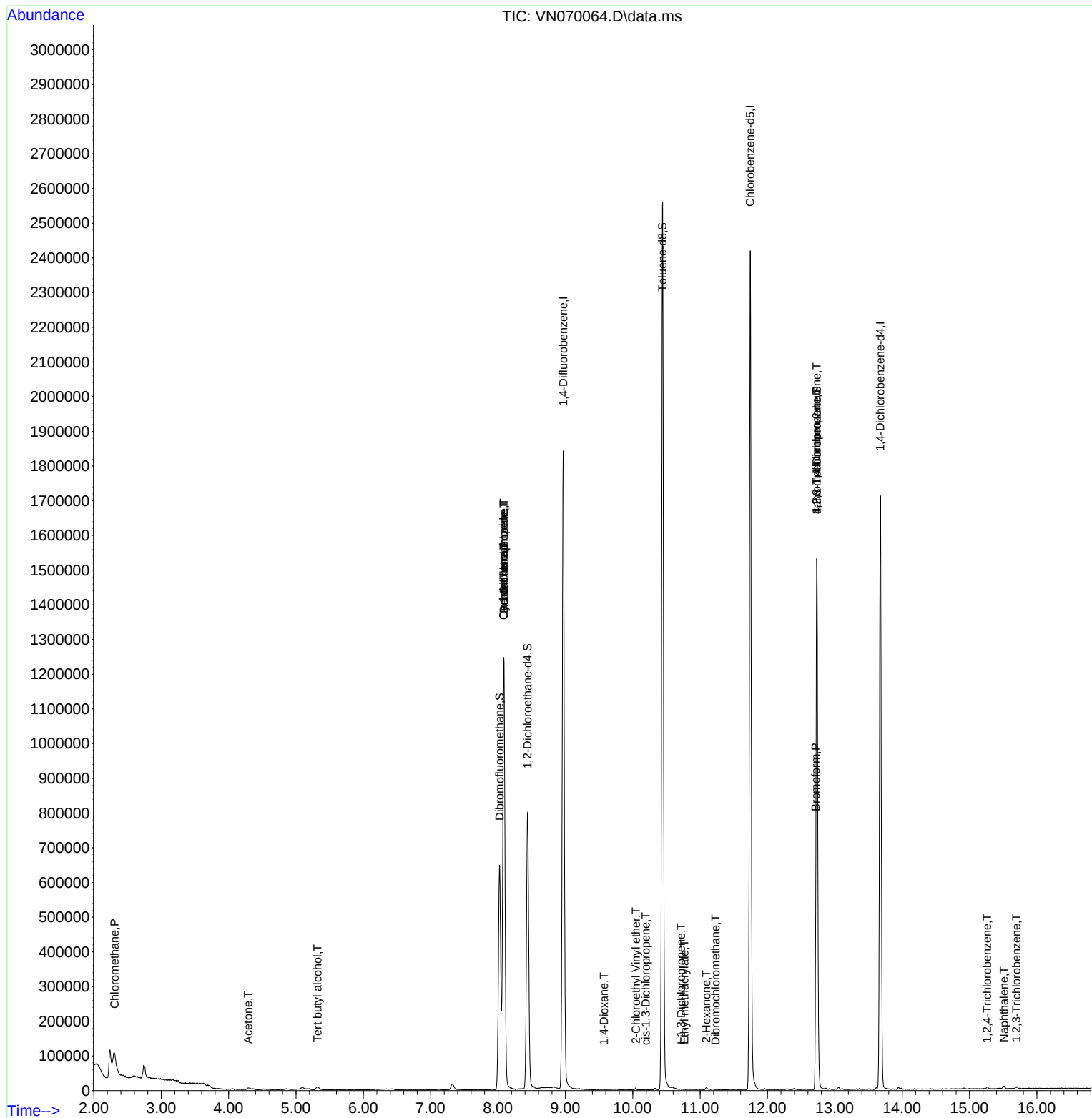
Internal Standards						
1) Pentafluorobenzene	8.086	168	923991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1543159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1358700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	462311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	699344	49.020	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.040%		
35) Dibromofluoromethane	8.021	113	473718	49.009	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.020%		
50) Toluene-d8	10.440	98	1739220	44.811	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.731	95	539468	38.367	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	76.740%		
Target Compounds						Qvalue
3) Chloromethane	2.306	50	4995	0.370	ug/l #	76
11) Tert butyl alcohol	5.318	59	8489	3.148	ug/l #	71
16) Acetone	4.291	43	3871	0.451	ug/l	92
31) Cyclohexane	8.083	56	24353	1.227	ug/l #	37
36) 1,1-Dichloropropene	8.086	75	80240	5.462	ug/l #	49
38) Carbon Tetrachloride	8.083	117	95765	6.648	ug/l #	16
49) 1,4-Dioxane	9.574	88	115	0.424	ug/l #	1
53) t-1,3-Dichloropropene	10.714	75	325	2.811	ug/l #	66
54) cis-1,3-Dichloropropene	10.191	75	407	2.019	ug/l #	91
56) Ethyl methacrylate	10.765	69	393	2.297	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.046	63	1574	18.648	ug/l #	59
59) 2-Hexanone	11.089	43	4870	0.307	ug/l	90
60) Dibromochloromethane	11.229	129	49	2.380	ug/l #	11
71) Bromoform	12.717	173	736	2.815	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	301332	22.728	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	301332	72.406	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	1807	3.102	ug/l	94
95) Naphthalene	15.512	128	8068	4.314	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.694	180	1075	2.574	ug/l #	88

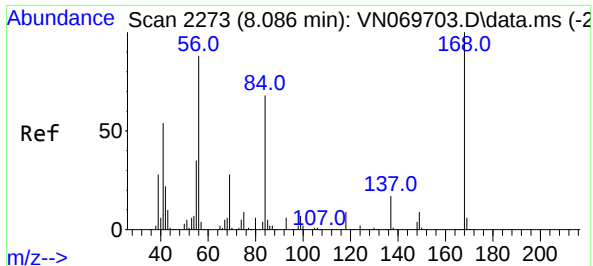
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
Data File : VN070064.D
Acq On : 14 Dec 2021 12:02
Operator : JC/MD
Sample : VN1214MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

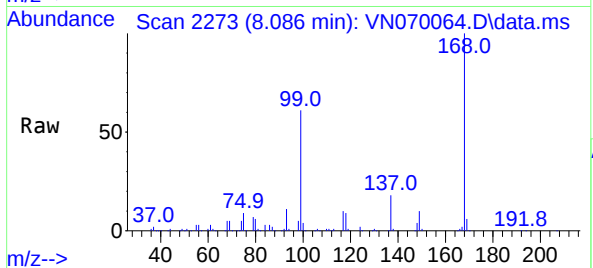
Quant Time: Dec 14 17:09:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



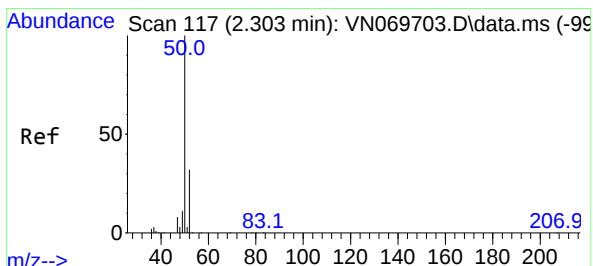
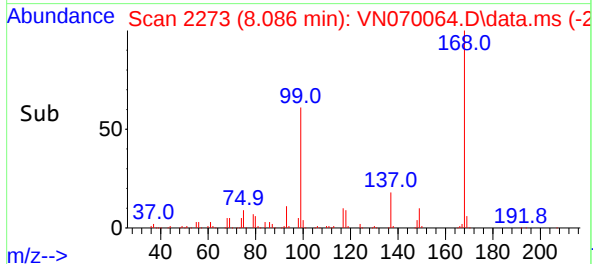
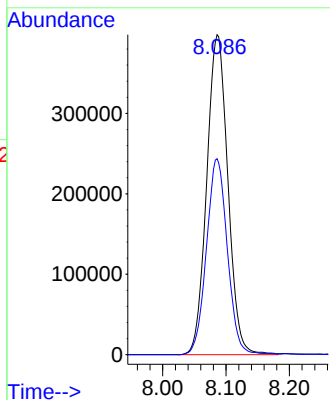


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

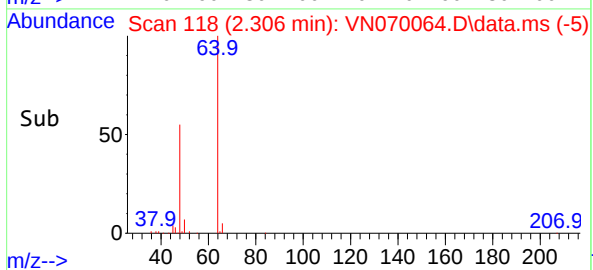
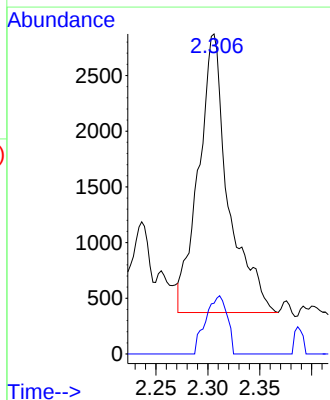
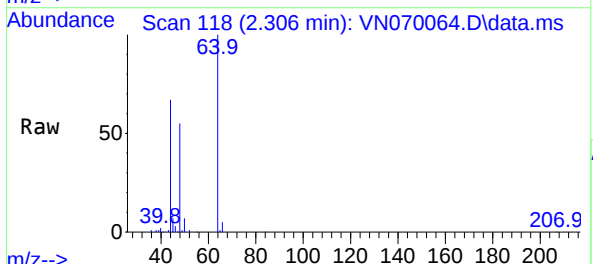


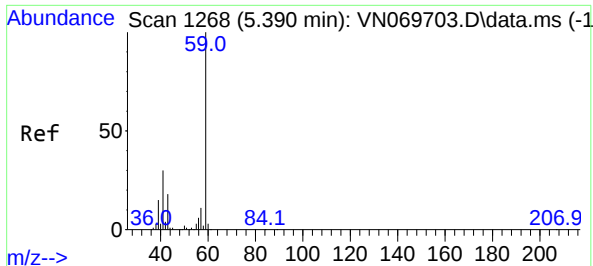
Tgt Ion:168 Resp: 923991
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9



#3
Chloromethane
Concen: 0.370 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

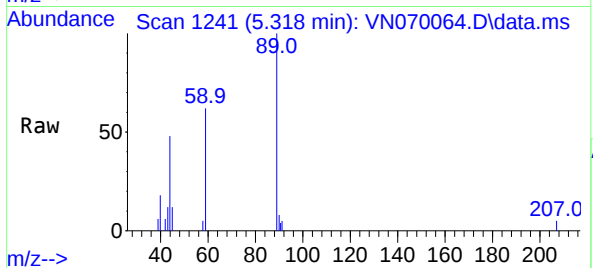
Tgt Ion: 50 Resp: 4995
Ion Ratio Lower Upper
50 100
52 18.2 25.4 38.0#



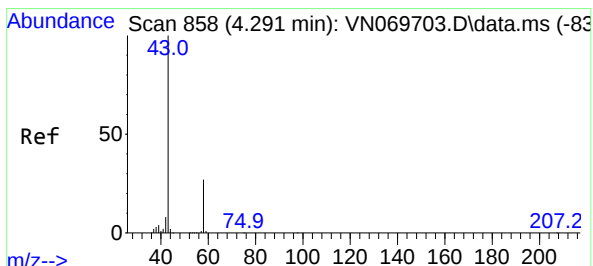
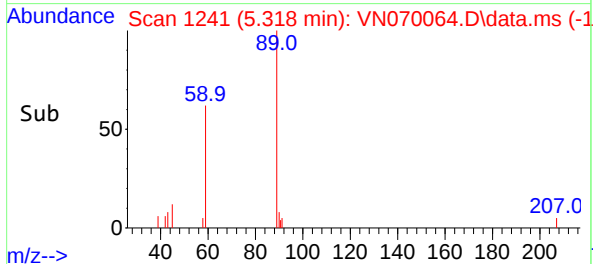
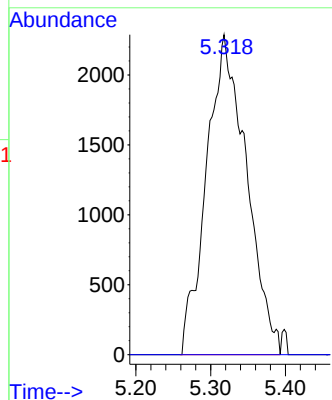


#11
Tert butyl alcohol
Concen: 3.148 ug/l
RT: 5.318 min Scan# 11
Delta R.T. -0.072 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

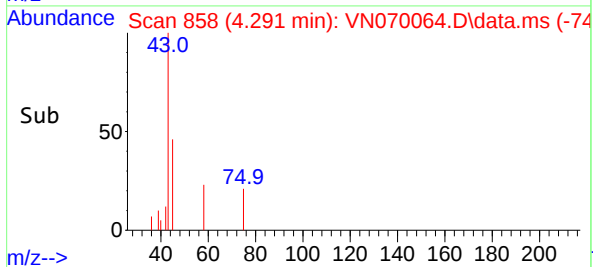
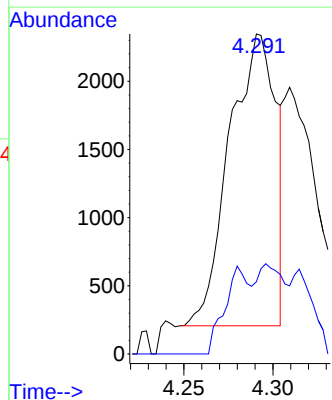
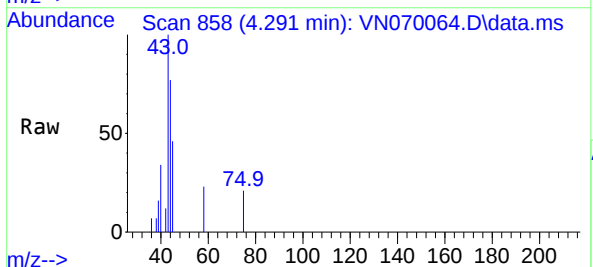


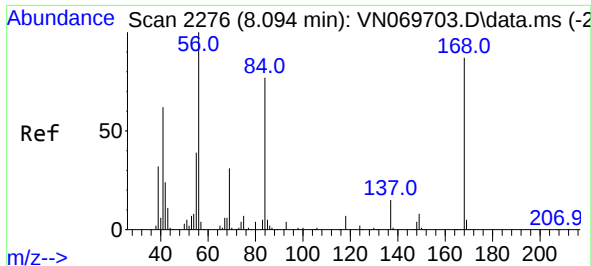
Tgt Ion: 59 Resp: 8489
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.451 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

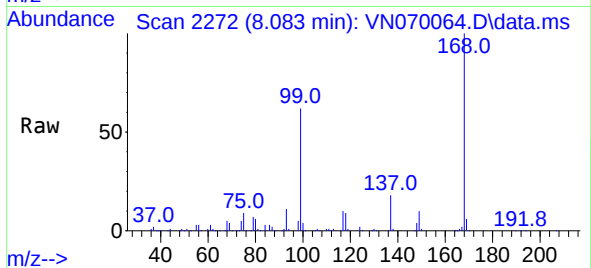
Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7



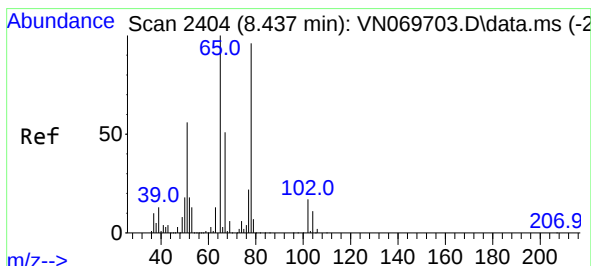
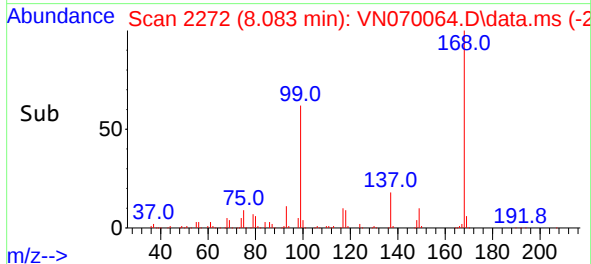
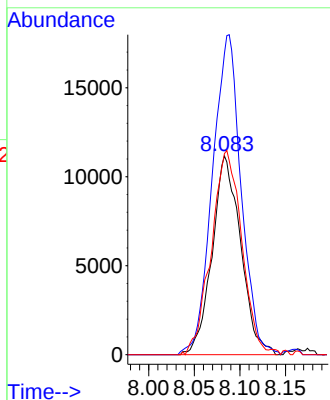


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

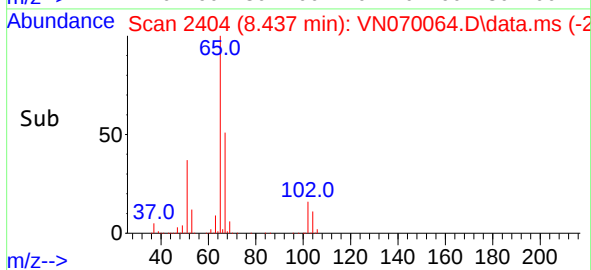
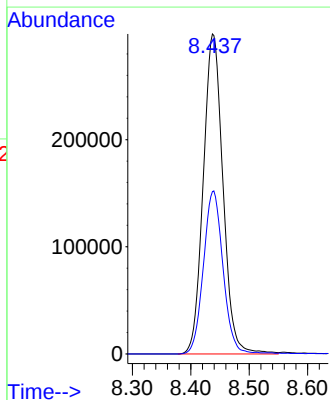
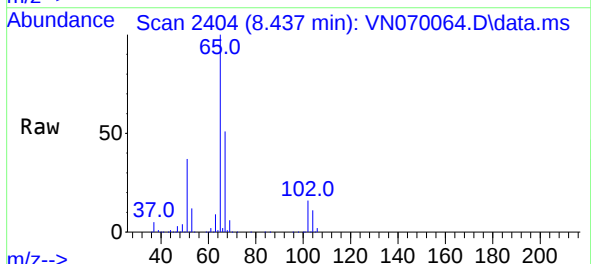


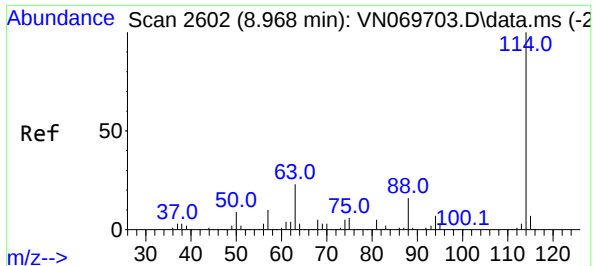
Tgt Ion: 56 Resp: 24353
Ion Ratio Lower Upper
56 100
69 151.6 27.1 40.7#
84 101.2 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 49.020 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Tgt Ion: 65 Resp: 699344
Ion Ratio Lower Upper
65 100
67 50.4 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: VN070064.D

Acq: 14 Dec 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :

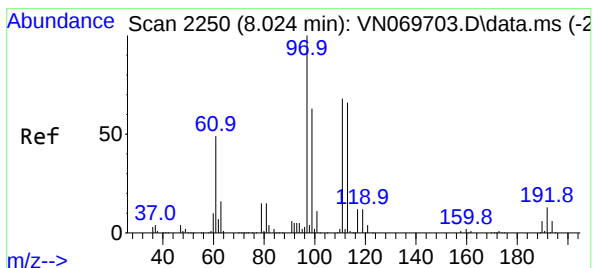
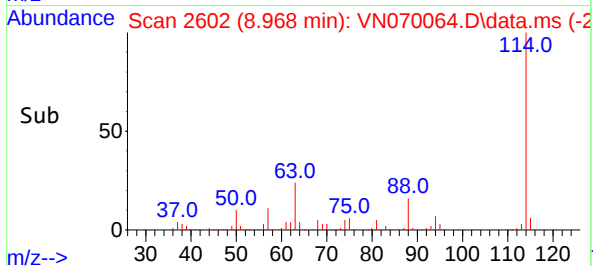
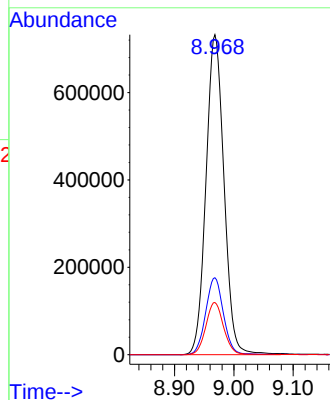
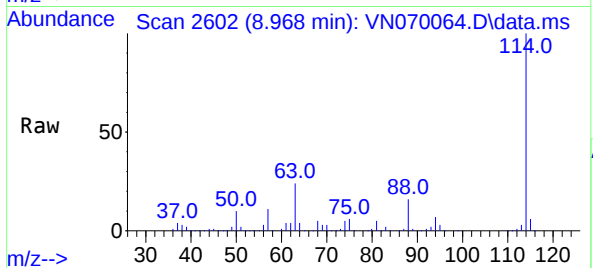
Tgt Ion:114 Resp: 1543159

Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.009 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070064.D

Acq: 14 Dec 2021 12:02

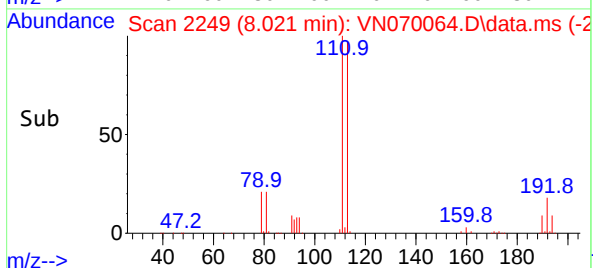
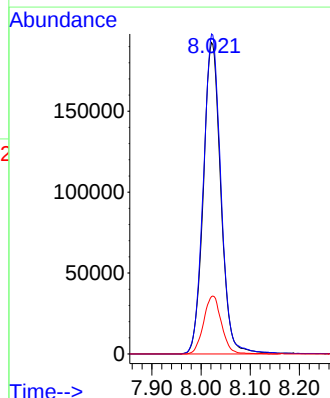
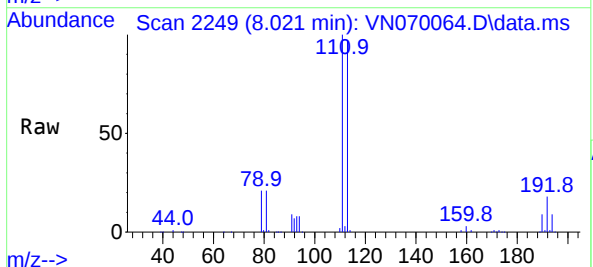
Tgt Ion:113 Resp: 473718

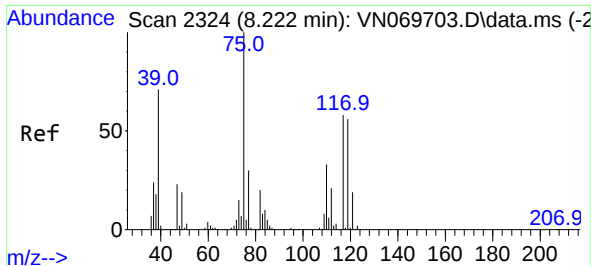
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 19.1 16.9 25.3

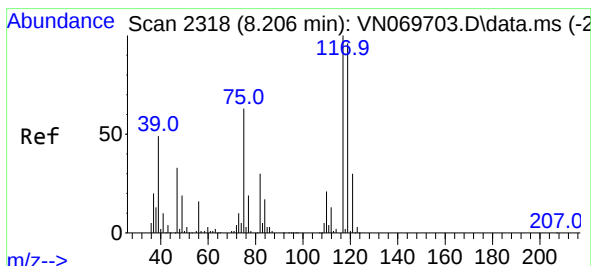
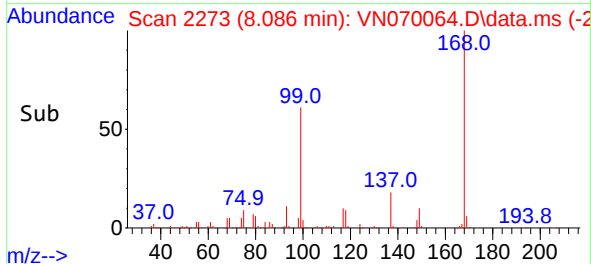
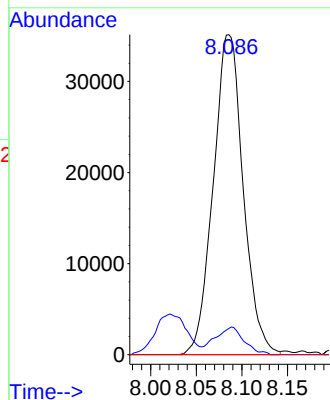
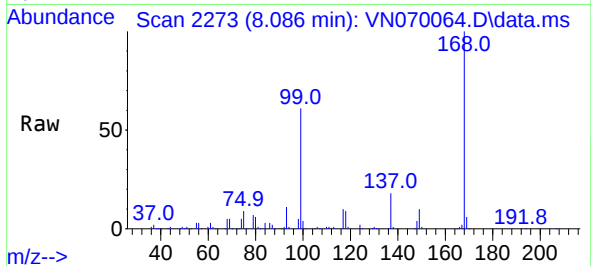




#36
1,1-Dichloropropene
Concen: 5.462 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

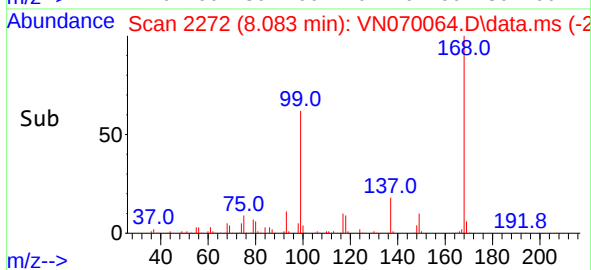
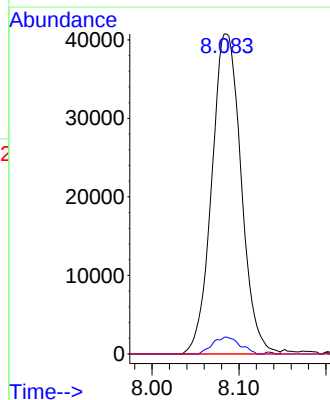
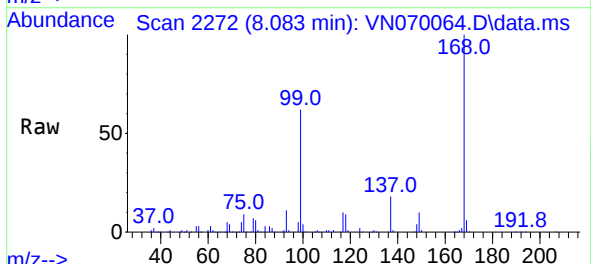
Instrument :
MSVOA_N
ClientSampleId :

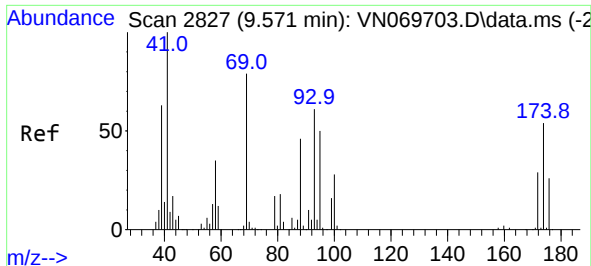
Tgt Ion: 75 Resp: 80240
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Tgt Ion: 117 Resp: 95765
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.424 ug/l

RT: 9.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070064.D

Acq: 14 Dec 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :

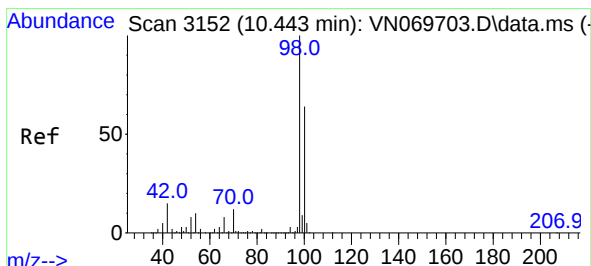
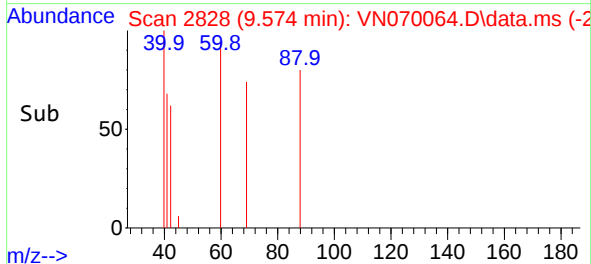
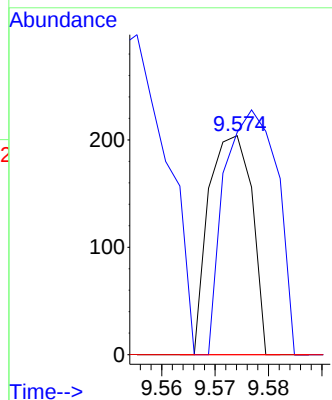
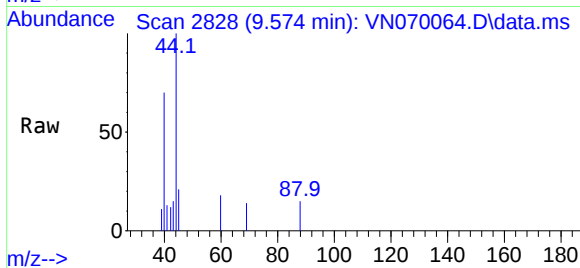
Tgt Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

43 136.5 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 44.811 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070064.D

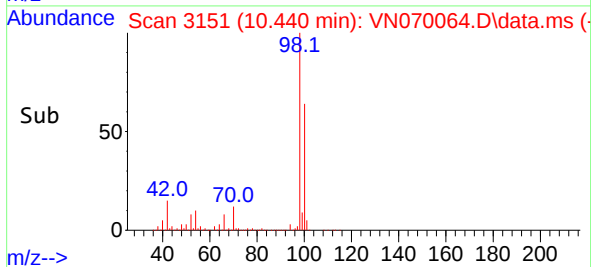
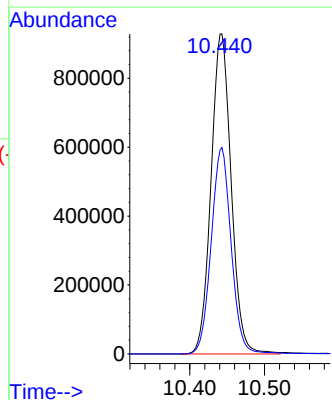
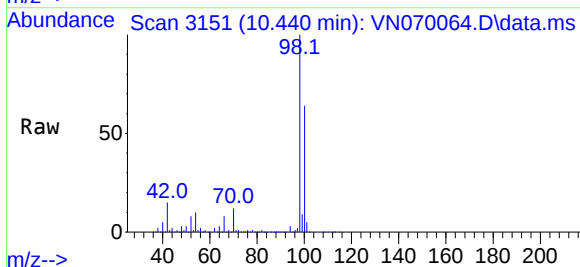
Acq: 14 Dec 2021 12:02

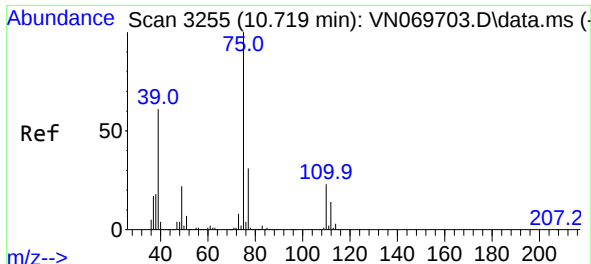
Tgt Ion: 98 Resp: 1739220

Ion Ratio Lower Upper

98 100

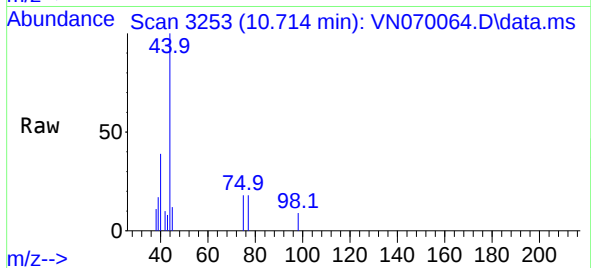
100 63.7 50.4 75.6



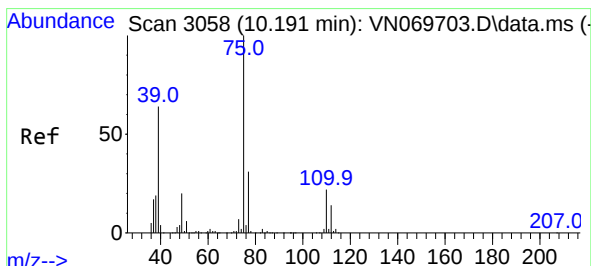
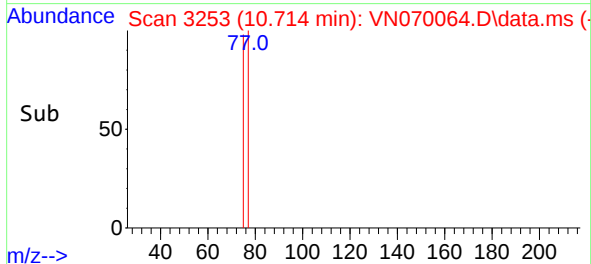
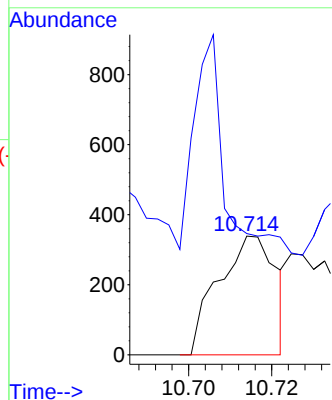


#53
t-1,3-Dichloropropene
Concen: 2.811 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

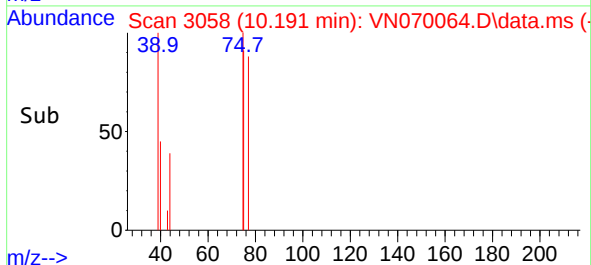
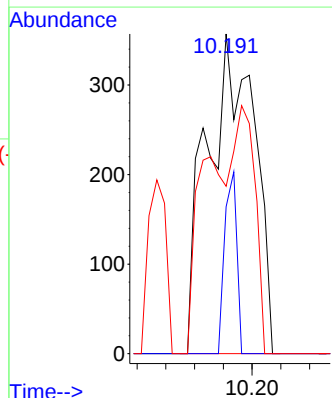
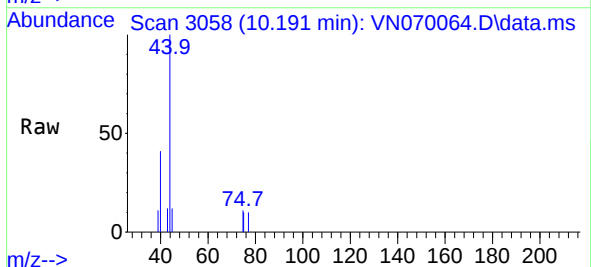


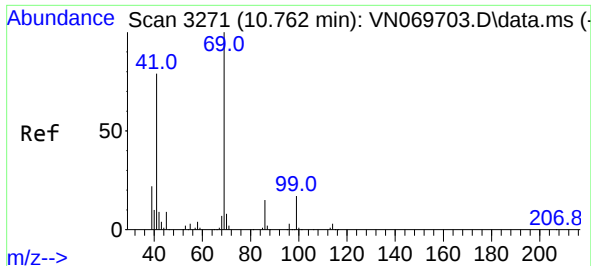
Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
77 13.3 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.019 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

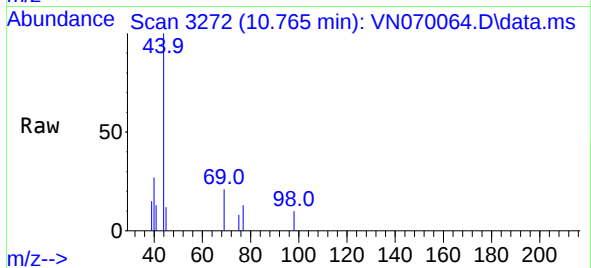
Tgt Ion: 75 Resp: 407
Ion Ratio Lower Upper
75 100
77 45.9 26.4 39.6#
39 52.4 42.5 63.7



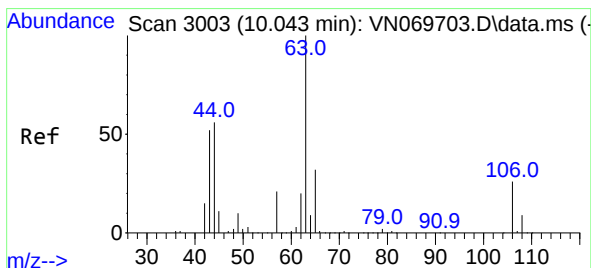
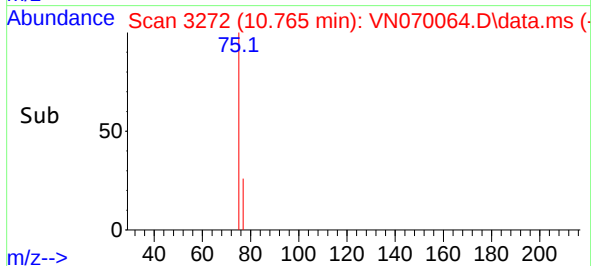
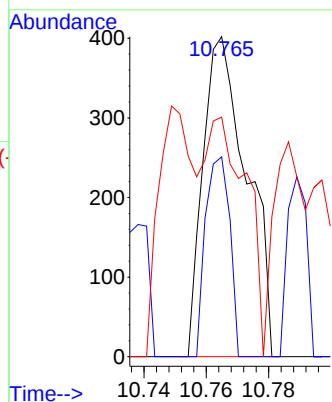


#56
Ethyl methacrylate
Concen: 2.297 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

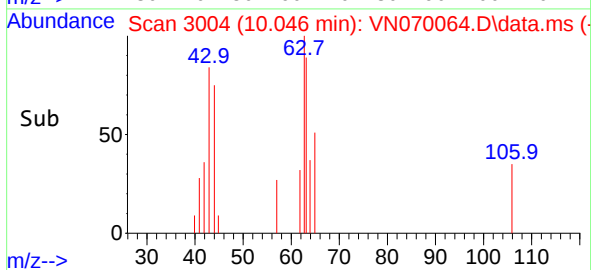
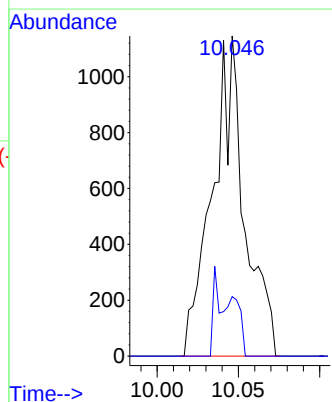
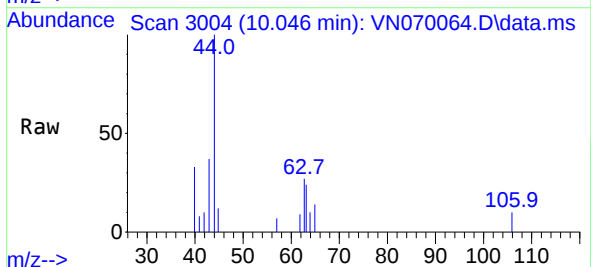


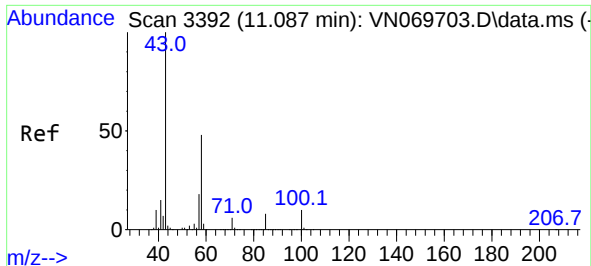
Tgt Ion: 69 Resp: 393
Ion Ratio Lower Upper
69 100
41 34.4 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.648 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Tgt Ion: 63 Resp: 1574
Ion Ratio Lower Upper
63 100
106 7.7 23.9 35.9#

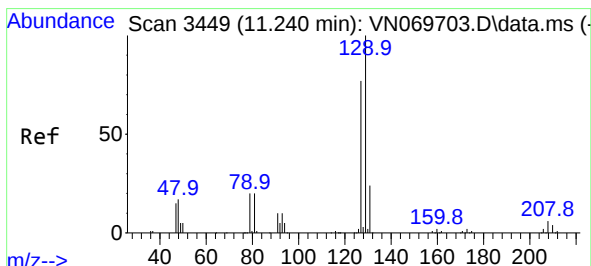
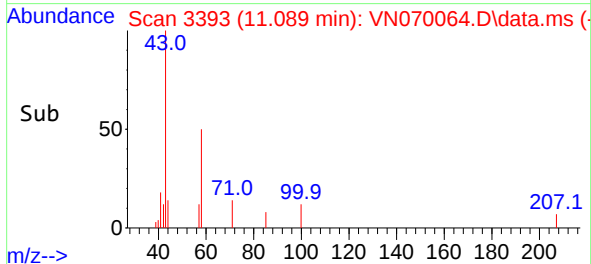
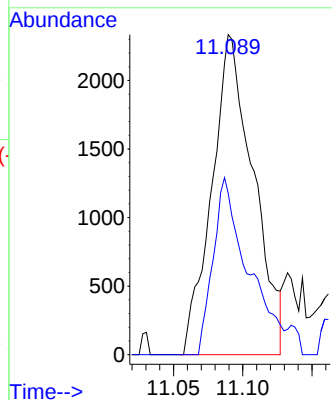
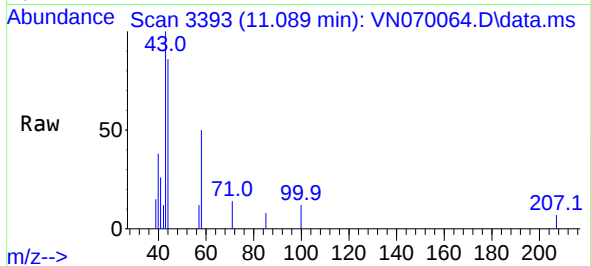




#59
2-Hexanone
Concen: 0.307 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

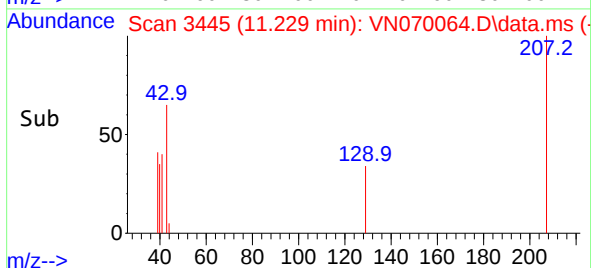
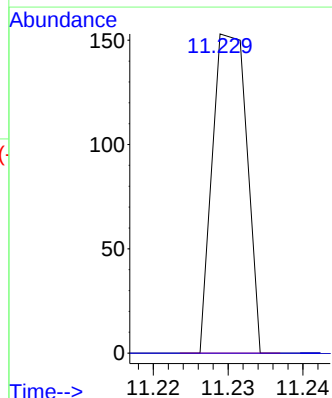
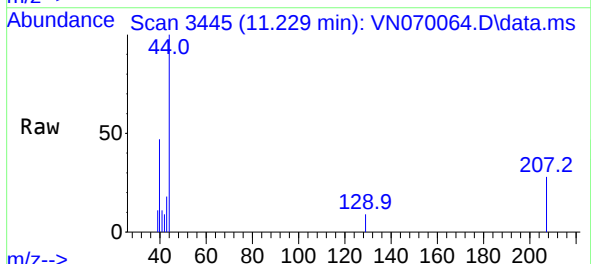
Instrument :
MSVOA_N
ClientSampleId :

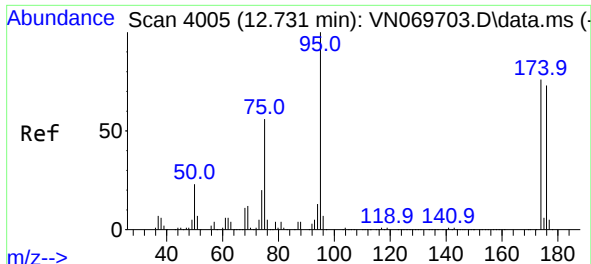
Tgt Ion: 43 Resp: 4870
Ion Ratio Lower Upper
43 100
58 46.6 26.9 80.7



#60
Dibromochloromethane
Concen: 2.380 ug/l
RT: 11.229 min Scan# 3445
Delta R.T. -0.011 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Tgt Ion: 129 Resp: 49
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

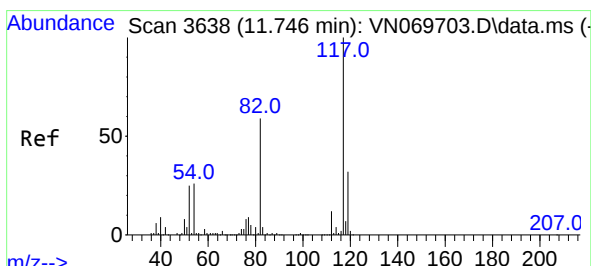
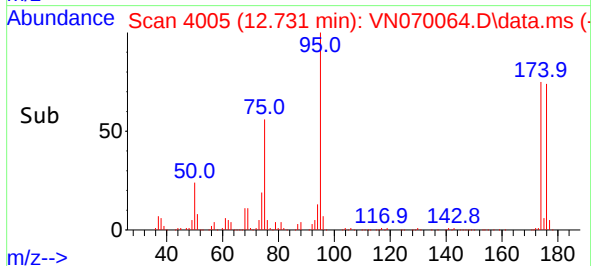
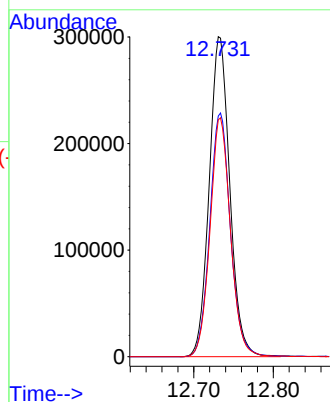
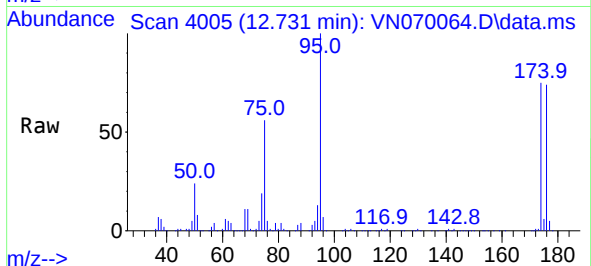




#62
4-Bromofluorobenzene
Concen: 38.367 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

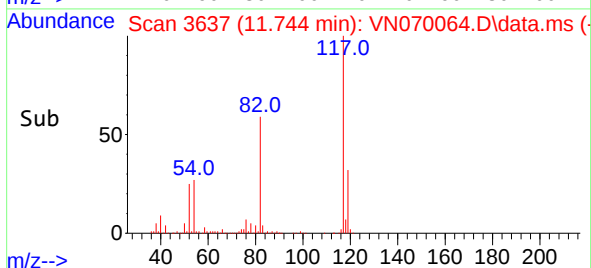
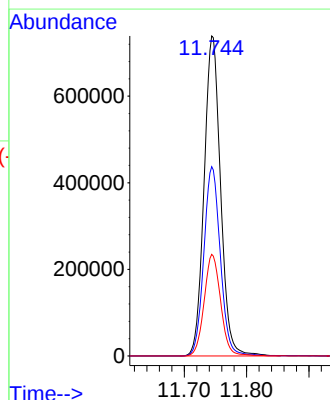
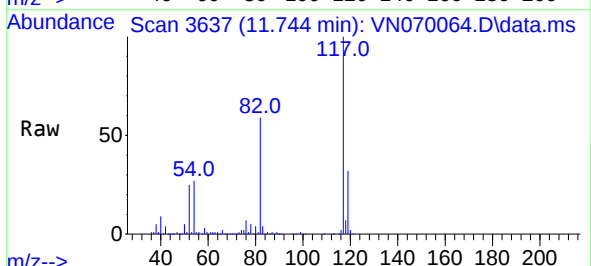
Instrument :
MSVOA_N
ClientSampleId :

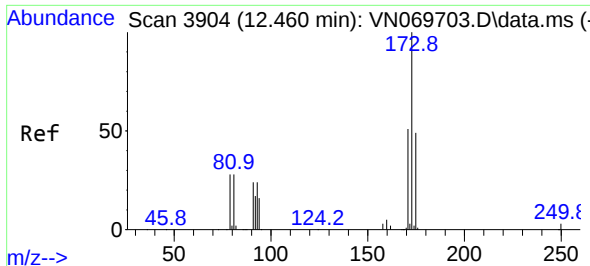
Tgt Ion: 95 Resp: 539468
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Tgt Ion: 117 Resp: 1358700
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

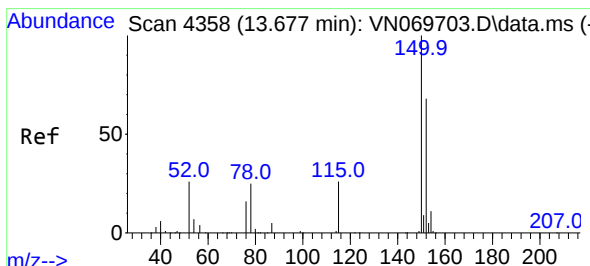
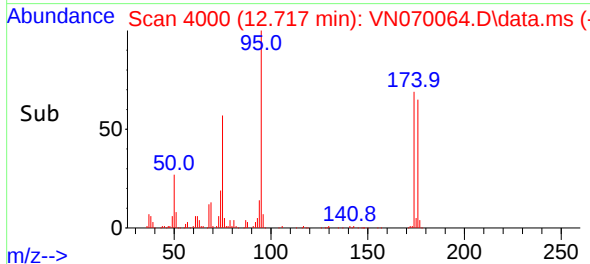
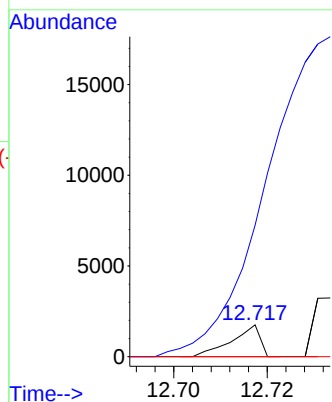
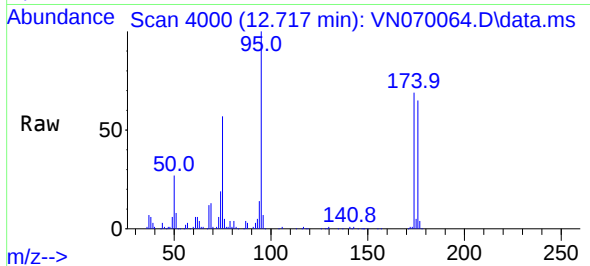




#71
Bromoform
Concen: 2.815 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

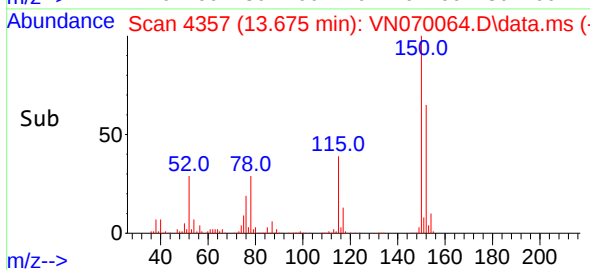
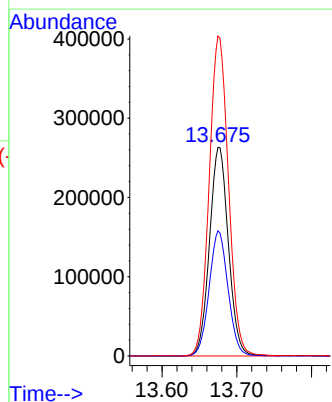
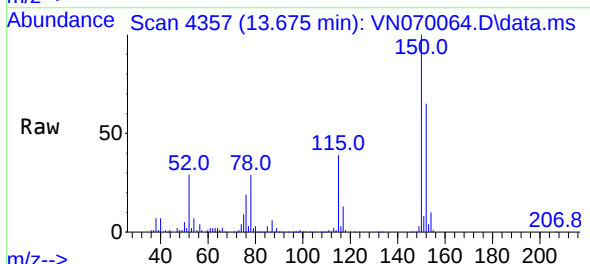
Instrument :
MSVOA_N
ClientSampleId :

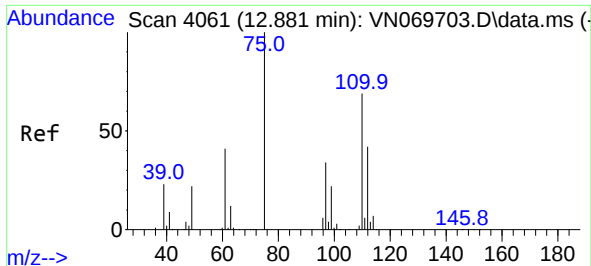
Tgt Ion:173 Resp: 736
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Tgt Ion:152 Resp: 462311
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 156.0 0.0 344.4

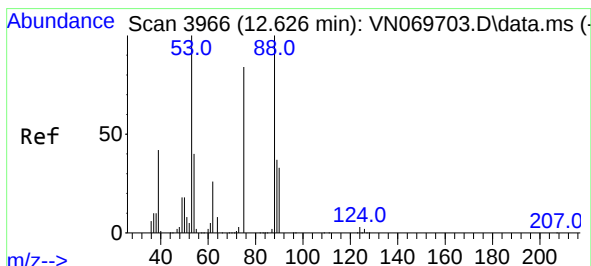
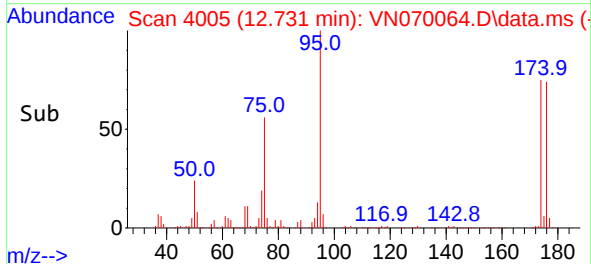
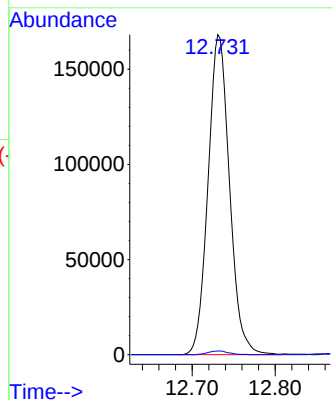
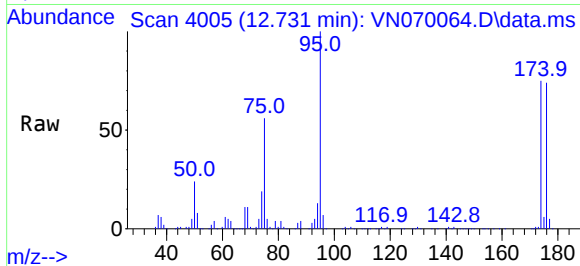




#76
1,2,3-Trichloropropane
Concen: 22.728 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

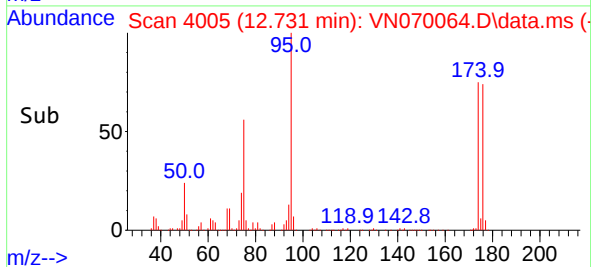
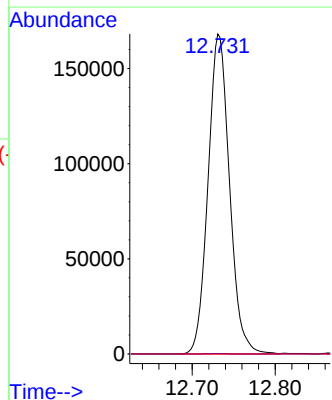
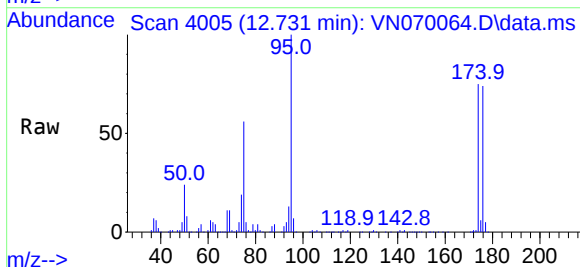
Instrument :
MSVOA_N
ClientSampleId :

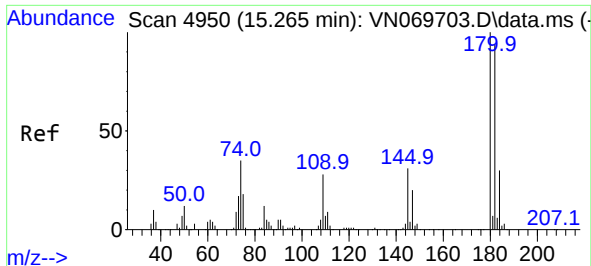
Tgt Ion: 75 Resp: 301332
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.406 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

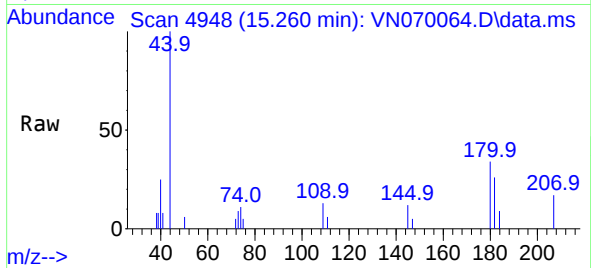
Tgt Ion: 75 Resp: 301332
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



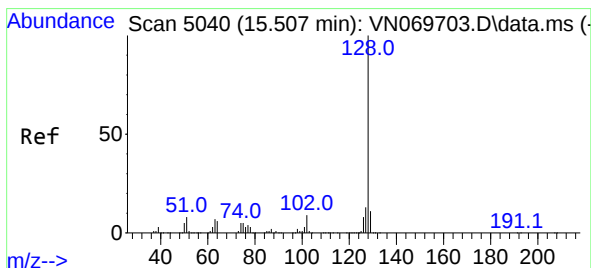
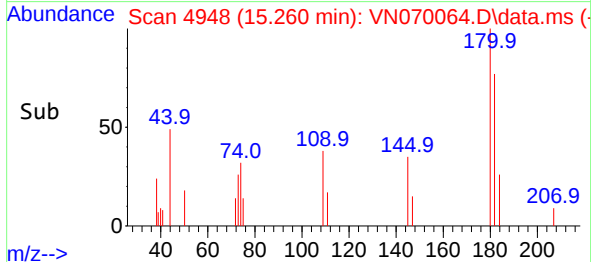
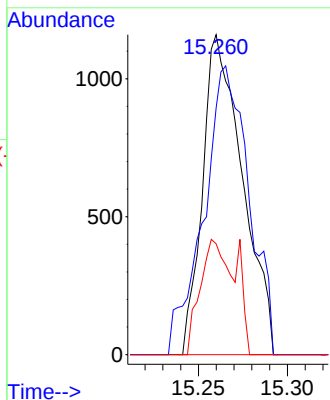


#93
1,2,4-Trichlorobenzene
Concen: 3.102 ug/l
RT: 15.260 min Scan# 4950
Delta R.T. -0.005 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

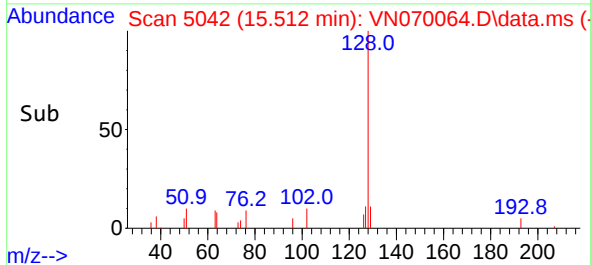
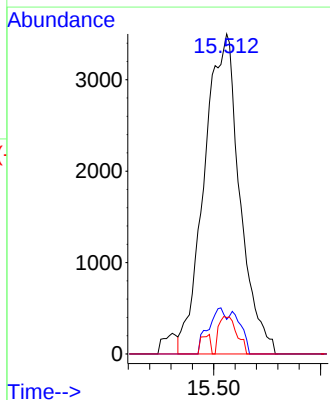
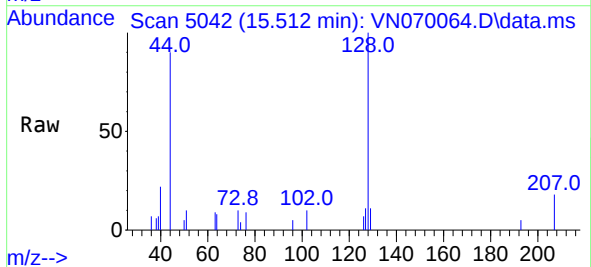


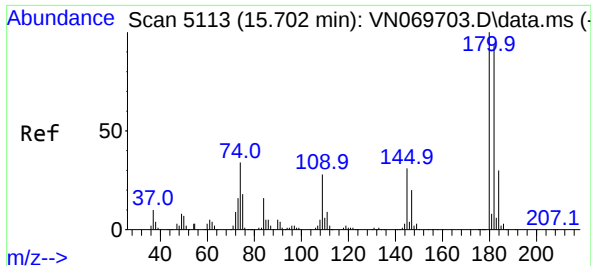
Tgt Ion:180 Resp: 1807
Ion Ratio Lower Upper
180 100
182 102.4 48.3 144.9
145 31.9 14.5 43.5



#95
Naphthalene
Concen: 4.314 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN070064.D
Acq: 14 Dec 2021 12:02

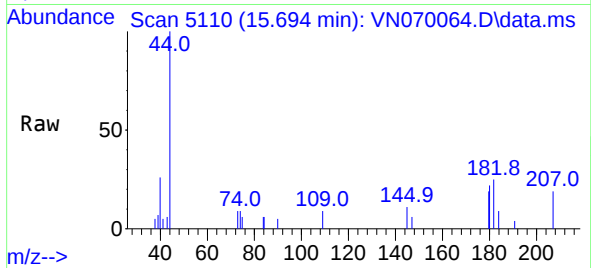
Tgt Ion:128 Resp: 8068
Ion Ratio Lower Upper
128 100
127 7.2 10.5 15.7#
129 5.9 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.574 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070064.D
 Acq: 14 Dec 2021 12:02

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1075
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.4 142.2
 145 52.6 15.0 45.1#

