

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070225.D
 Acq On : 18 Dec 2021 20:17
 Operator : JC/MD
 Sample : M5044-16 10X
 Misc : 6.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 08:51:25 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)

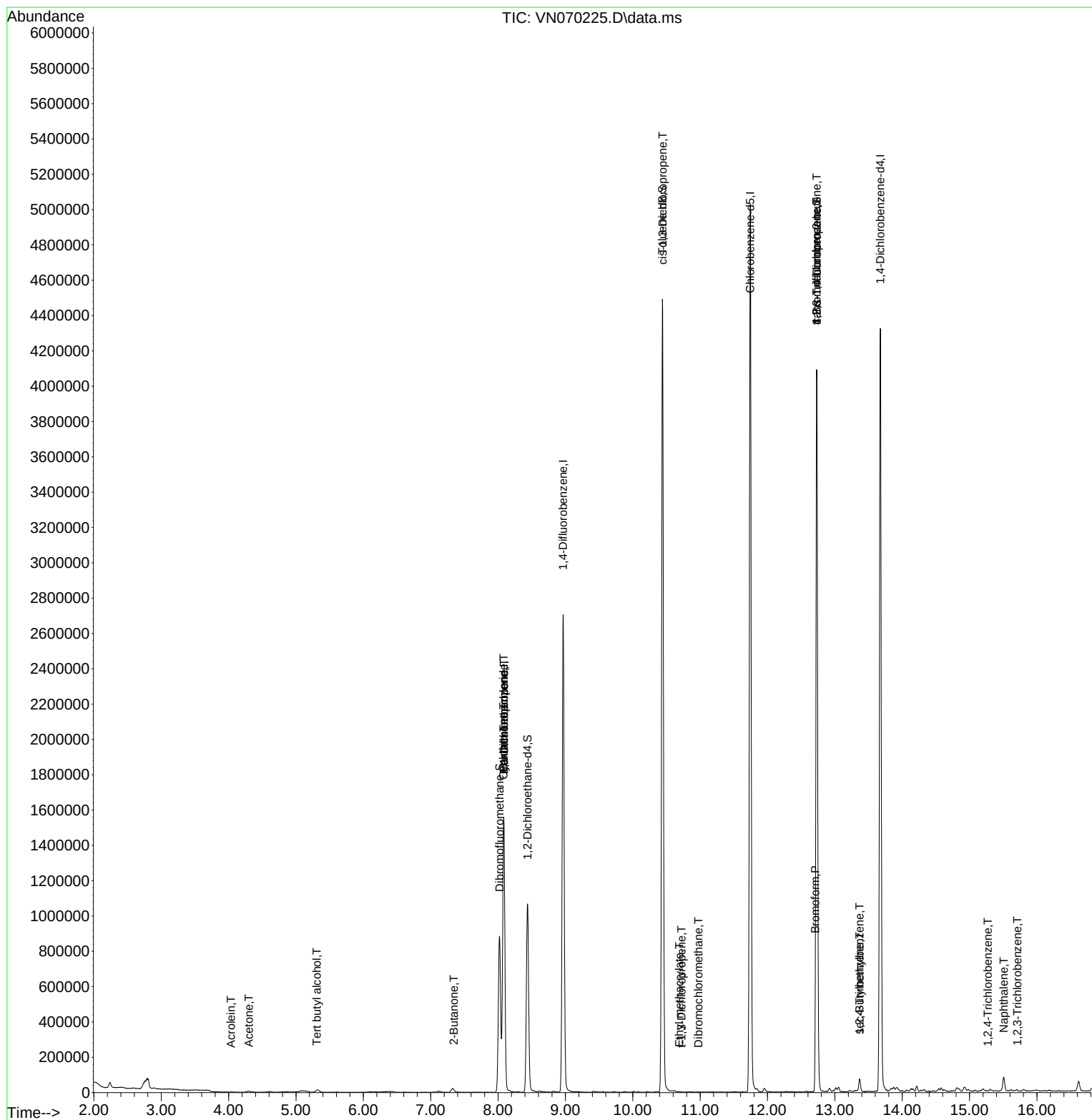
Internal Standards						
1) Pentafluorobenzene	8.086	168	1166556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2244119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2786349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1146598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	927949	51.519	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.040%		
35) Dibromofluoromethane	8.021	113	649314	46.193	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 92.380%		
50) Toluene-d8	10.440	98	3051092	54.057	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 108.120%		
62) 4-Bromofluorobenzene	12.731	95	1432013	70.033	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 140.060%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.307	59	5853	1.719	ug/l #	71
13) Acrolein	4.036	56	726	0.250	ug/l #	66
16) Acetone	4.299	43	10248	0.946	ug/l #	87
25) 2-Butanone	7.343	43	4287	0.291	ug/l #	88
31) Cyclohexane	8.080	56	29660	1.183	ug/l #	20
36) 1,1-Dichloropropene	8.086	75	98459	4.609	ug/l #	48
38) Carbon Tetrachloride	8.083	117	118756	5.669	ug/l #	16
53) t-1,3-Dichloropropene	10.725	75	49	2.796	ug/l #	4
54) cis-1,3-Dichloropropene	10.443	75	1022	2.034	ug/l #	1
56) Ethyl methacrylate	10.690	69	131	2.283	ug/l #	1
60) Dibromochloromethane	10.974	129	52	2.379	ug/l #	11
71) Bromoform	12.709	173	347	2.750	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	789634	24.014	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	789634	76.273	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.367	105	39801	0.509	ug/l	94
85) sec-Butylbenzene	13.367	105	39801	0.404	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.271	180	231	2.889	ug/l #	71
95) Naphthalene	15.507	128	72358	5.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.708	180	299	2.451	ug/l #	62

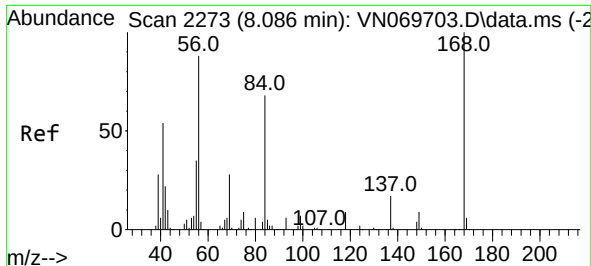
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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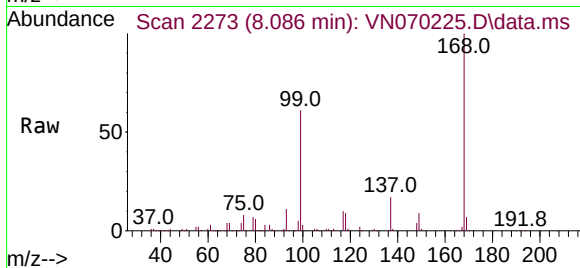
Quant Time: Dec 19 08:51:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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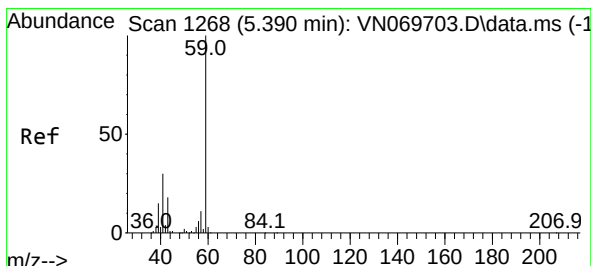
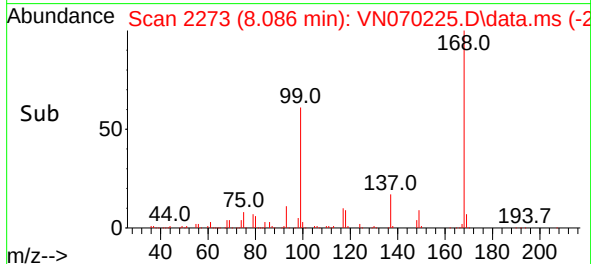
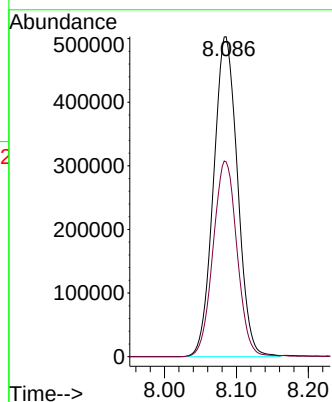


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :

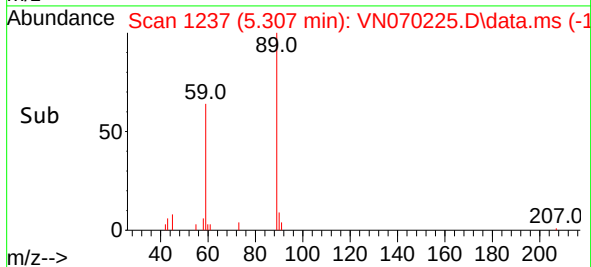
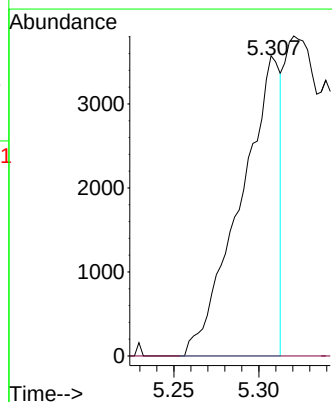
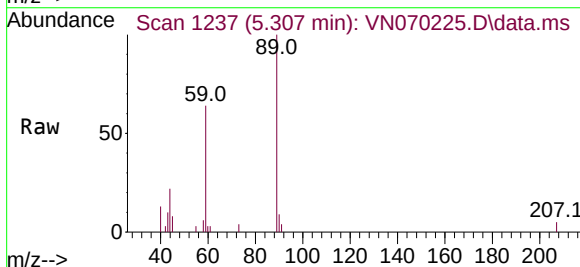


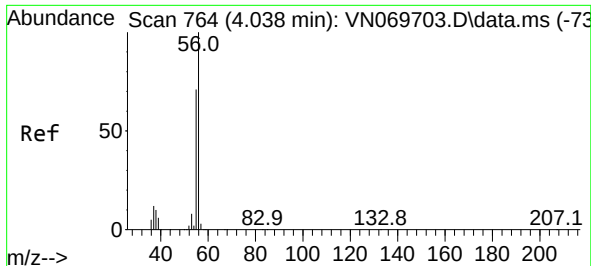
Tgt Ion:168 Resp: 1166556
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#11
Tert butyl alcohol
Concen: 1.719 ug/l
RT: 5.307 min Scan# 1237
Delta R.T. -0.083 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

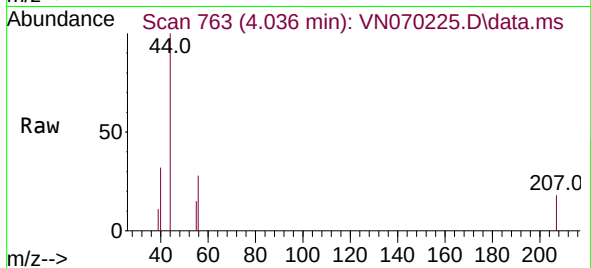
Tgt Ion: 59 Resp: 5853
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



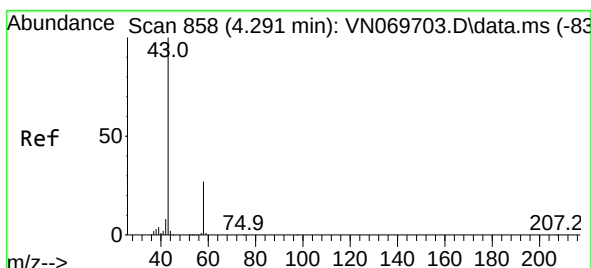
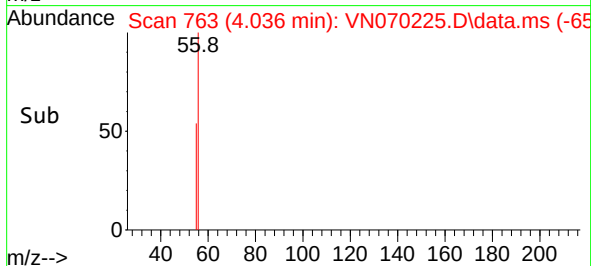
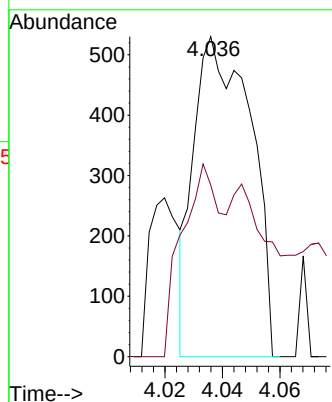


#13
Acrolein
Concen: 0.250 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.002 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :

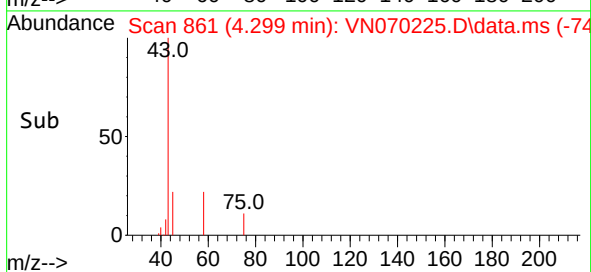
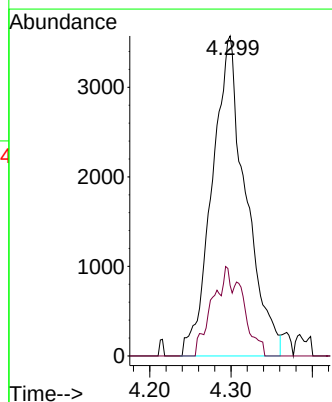
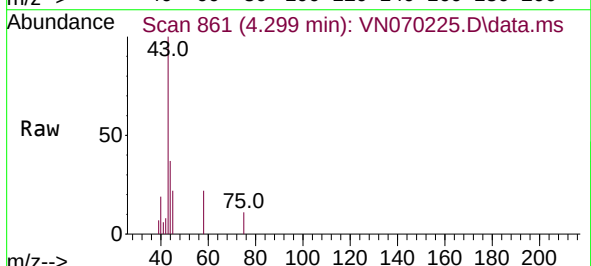


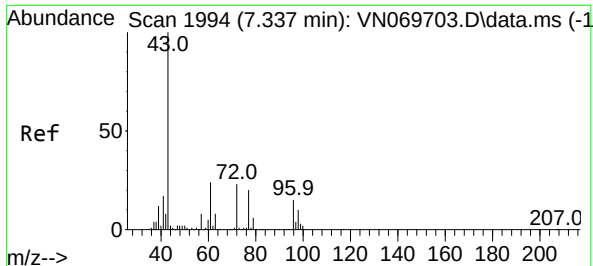
Tgt Ion: 56 Resp: 726
Ion Ratio Lower Upper
56 100
55 42.7 56.6 85.0#



#16
Acetone
Concen: 0.946 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion: 43 Resp: 10248
Ion Ratio Lower Upper
43 100
58 22.1 23.1 34.7#





#25

2-Butanone

Concen: 0.291 ug/l

RT: 7.343 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

Instrument :

MSVOA_N

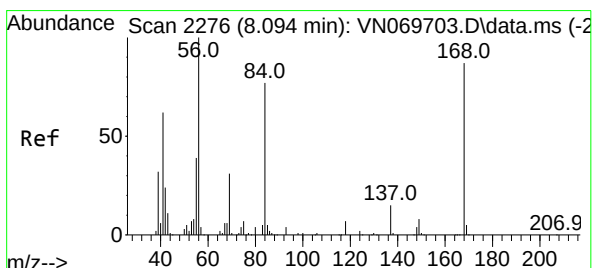
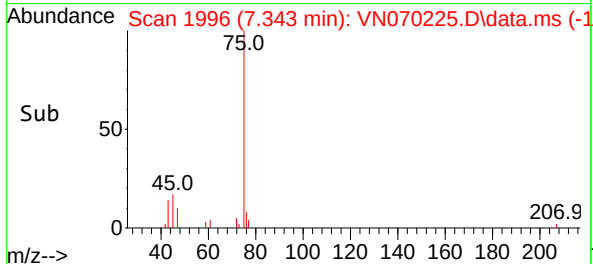
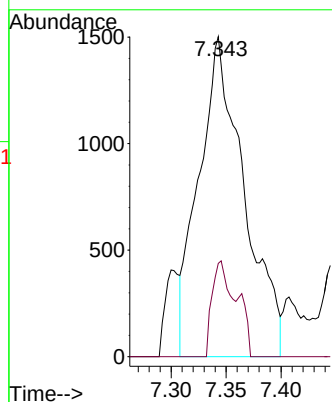
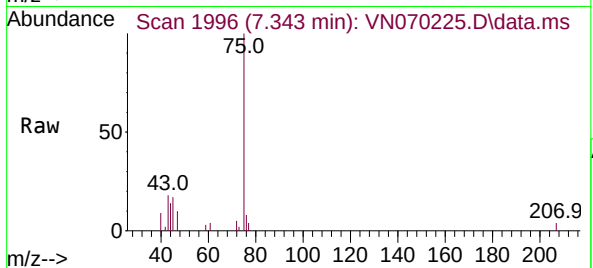
ClientSampleId :

Tgt Ion: 43 Resp: 4287

Ion Ratio Lower Upper

43 100

72 33.3 21.7 32.5#



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.013 min

Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

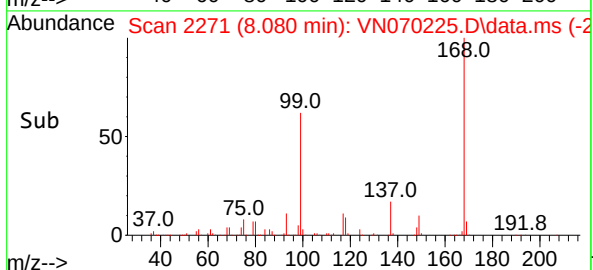
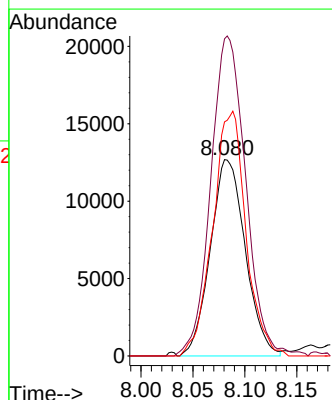
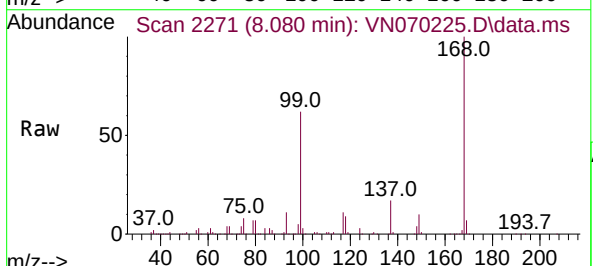
Tgt Ion: 56 Resp: 29660

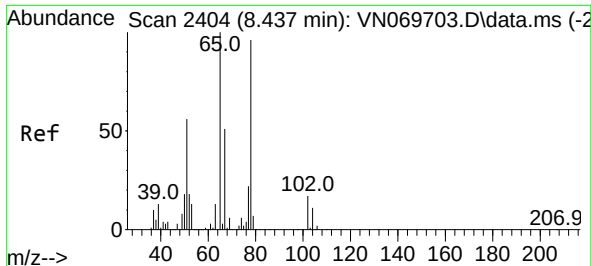
Ion Ratio Lower Upper

56 100

69 159.3 27.1 40.7#

84 119.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.519 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

Instrument :

MSVOA_N

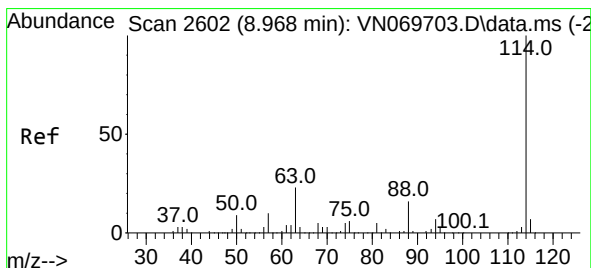
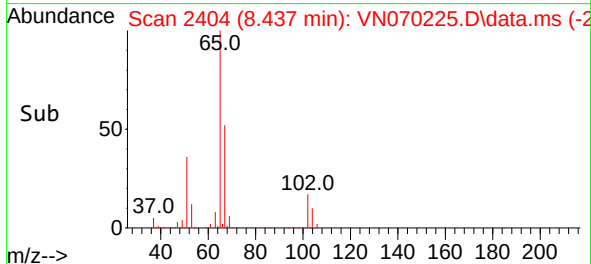
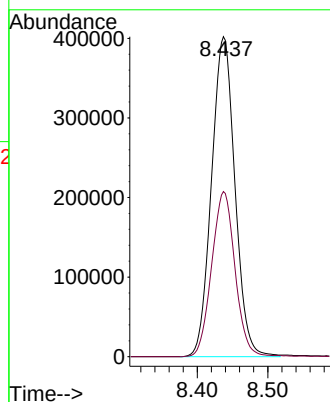
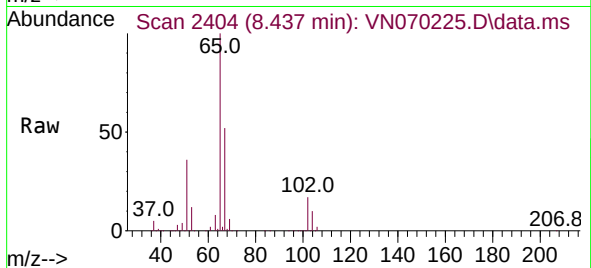
ClientSampleId :

Tgt Ion: 65 Resp: 927949

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

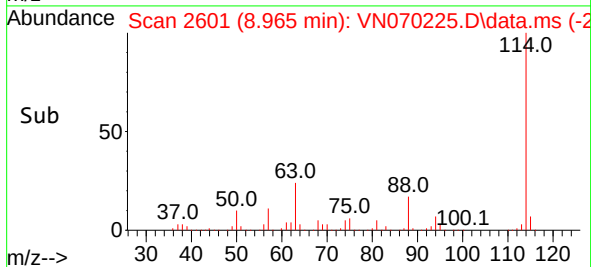
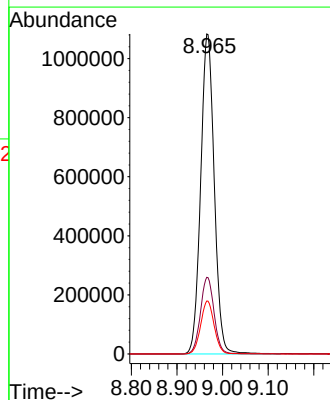
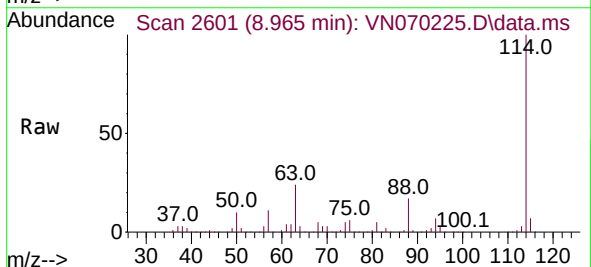
Tgt Ion: 114 Resp: 2244119

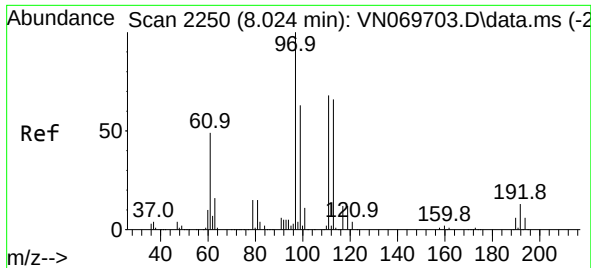
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.6 0.0 27.4

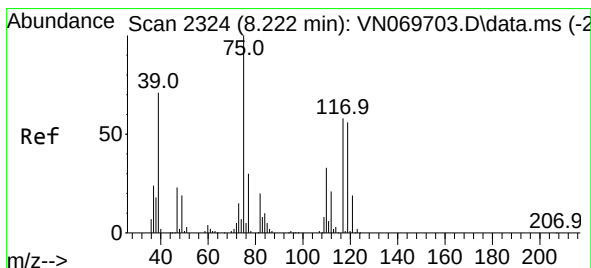
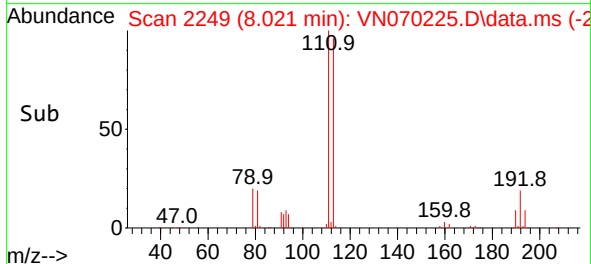
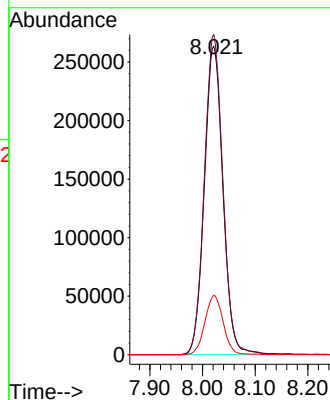
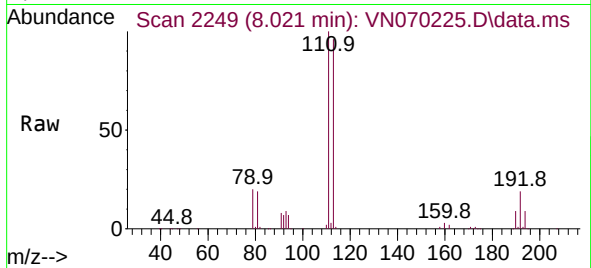




#35
 Dibromofluoromethane
 Concen: 46.193 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VN070225.D
 Acq: 18 Dec 2021 20:17

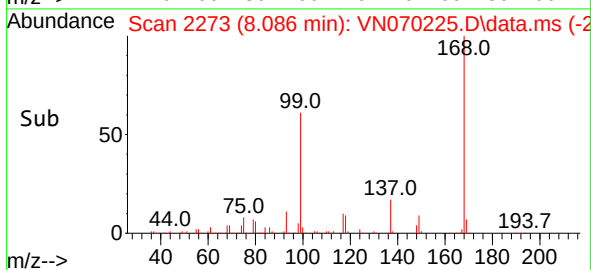
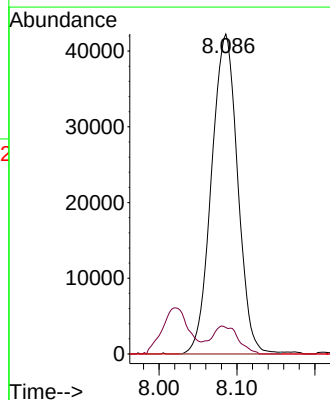
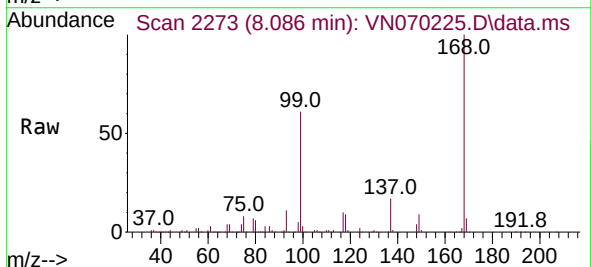
Instrument :
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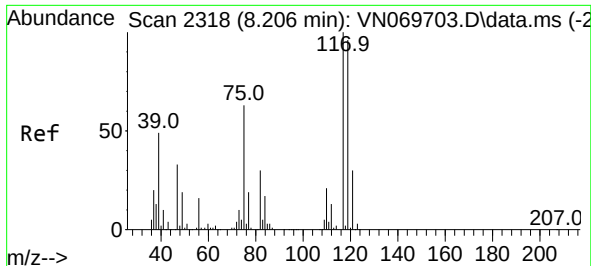
Tgt Ion:113 Resp: 649314
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 18.7 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.609 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN070225.D
 Acq: 18 Dec 2021 20:17

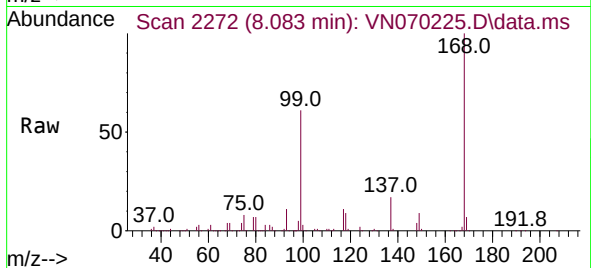
Tgt Ion: 75 Resp: 98459
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.2#
 77 0.0 24.4 36.6#



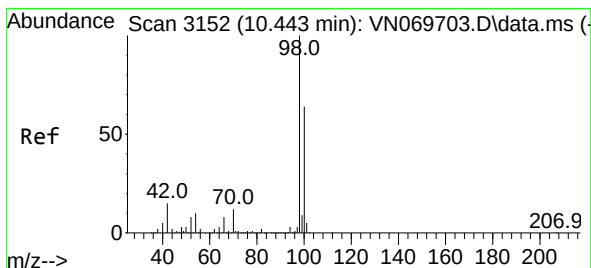
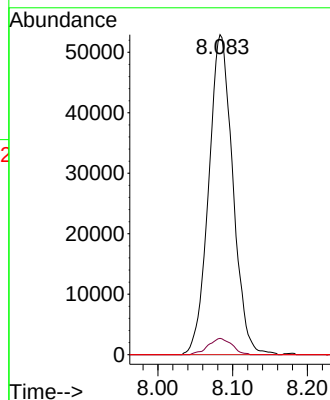
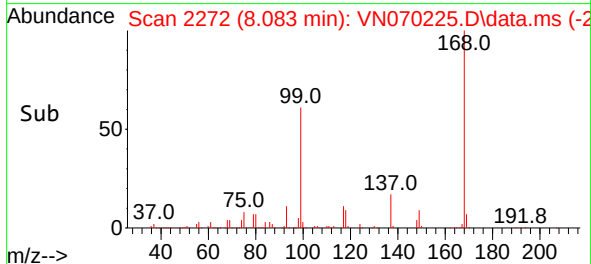


#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :

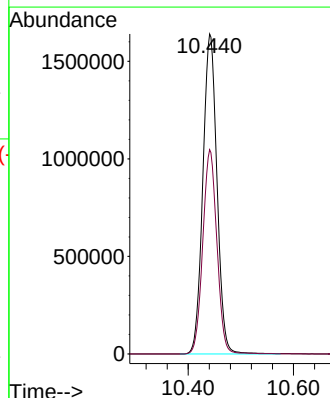
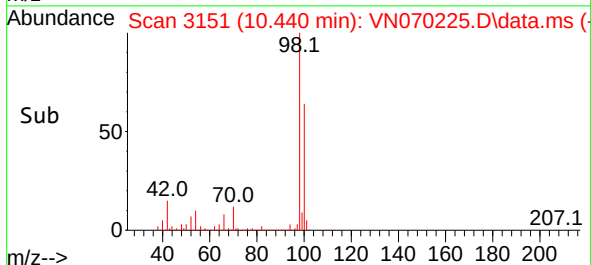
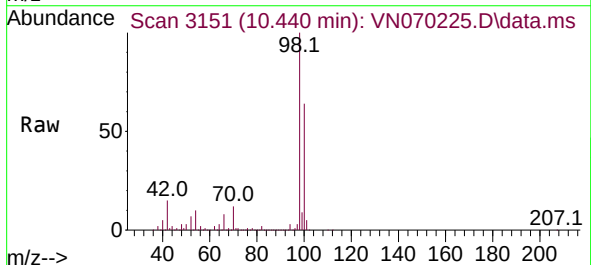


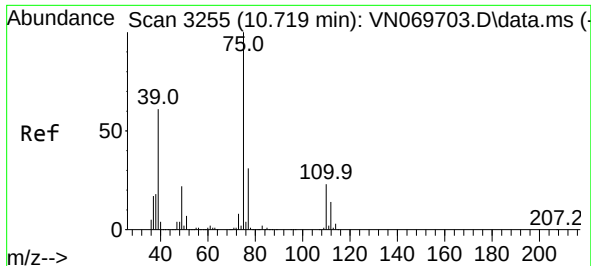
Tgt Ion:117 Resp: 118756
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.057 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion: 98 Resp: 3051092
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

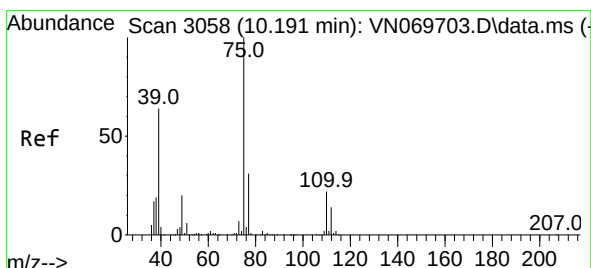
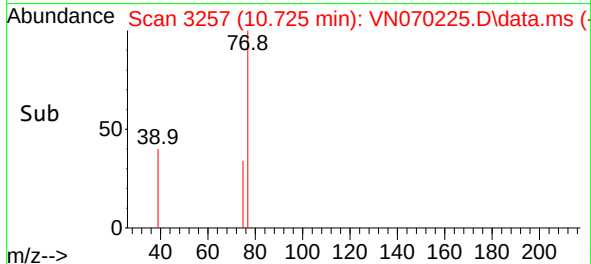
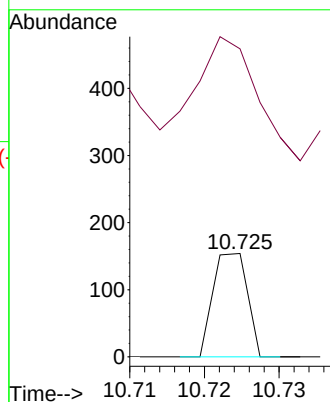
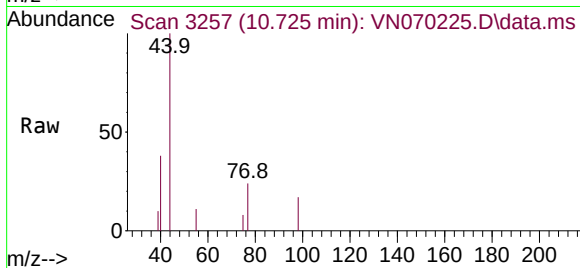




#53
t-1,3-Dichloropropene
Concen: 2.796 ug/l
RT: 10.725 min Scan# 3152
Delta R.T. 0.006 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

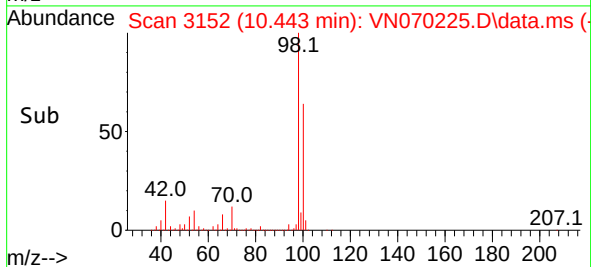
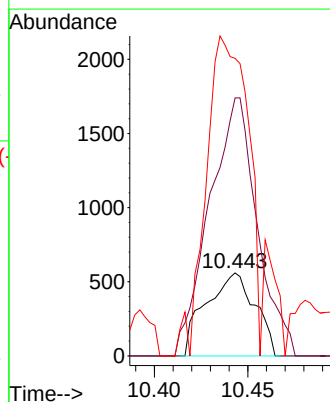
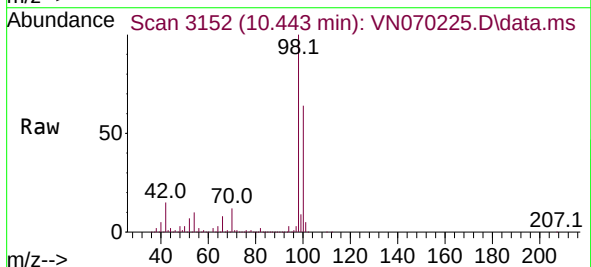
Instrument :
MSVOA_N
ClientSampleId :

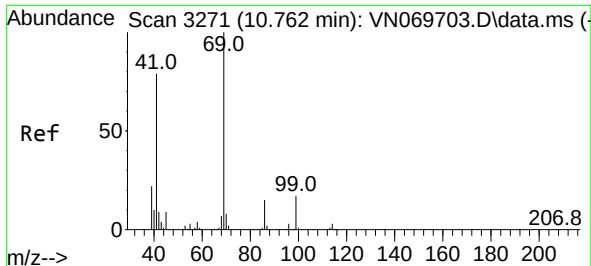
Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
77 85.7 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.034 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.252 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion: 75 Resp: 1022
Ion Ratio Lower Upper
75 100
77 281.4 26.4 39.6#
39 326.6 42.5 63.7#

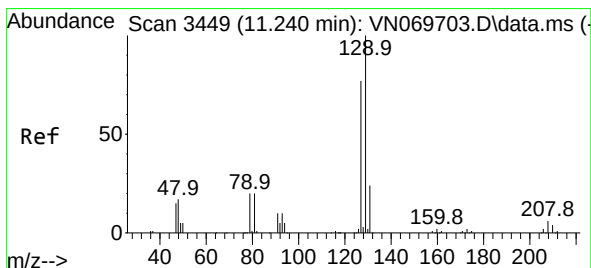
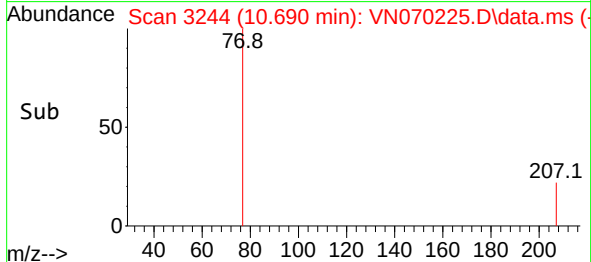
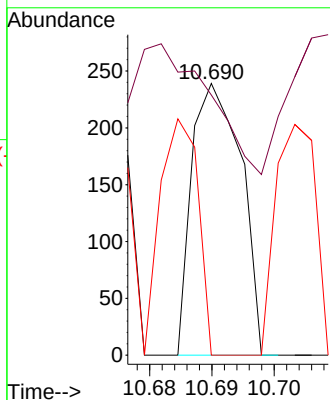
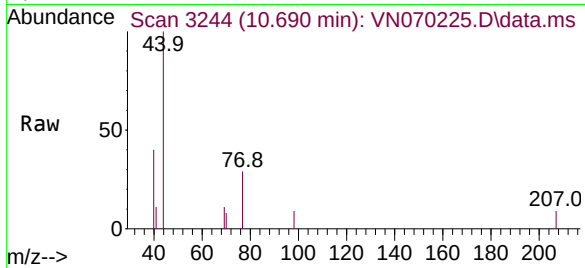




#56
Ethyl methacrylate
Concen: 2.283 ug/l
RT: 10.690 min Scan# 31
Delta R.T. -0.072 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

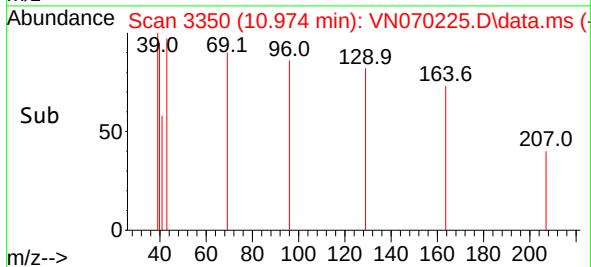
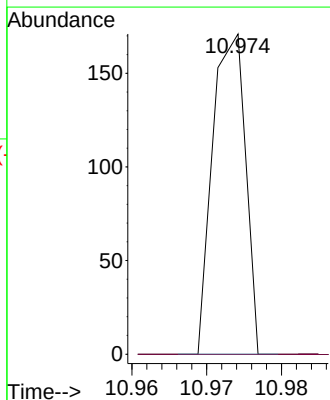
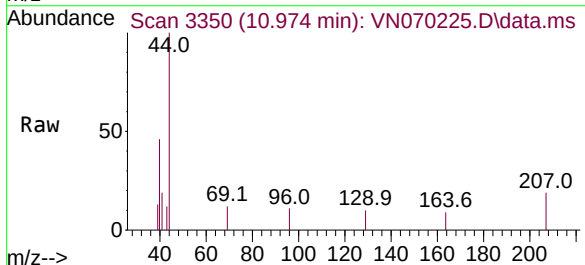
Instrument :
MSVOA_N
ClientSampleId :

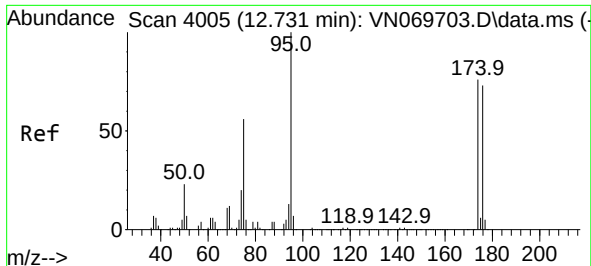
Tgt Ion: 69 Resp: 131
Ion Ratio Lower Upper
69 100
41 292.4 51.4 77.0#
39 67.2 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.266 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion:129 Resp: 52
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

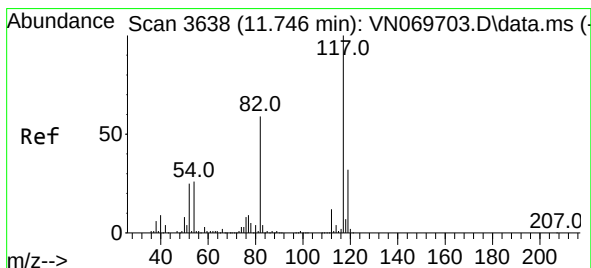
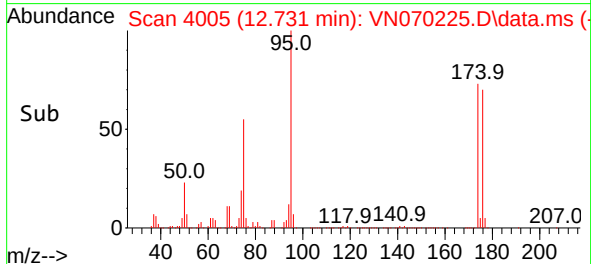
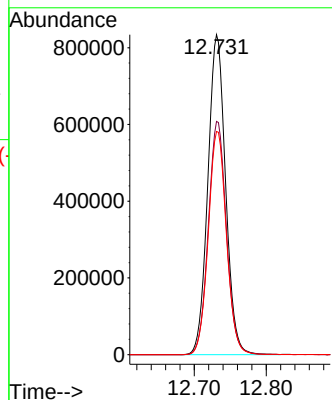
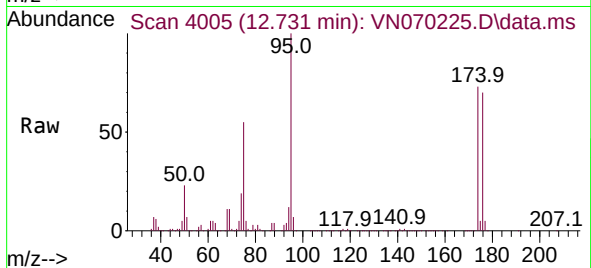




#62
4-Bromofluorobenzene
Concen: 70.033 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

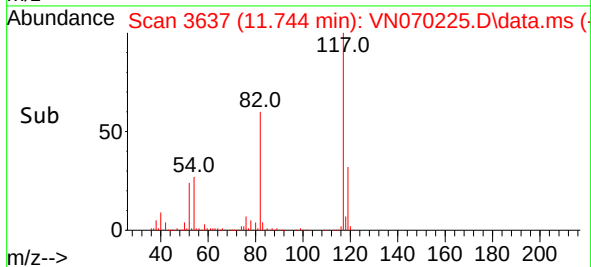
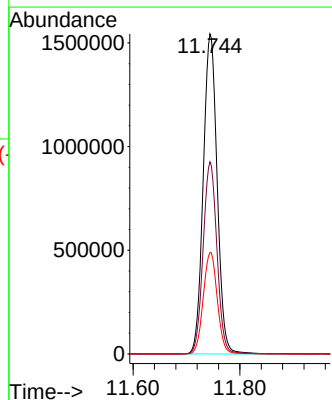
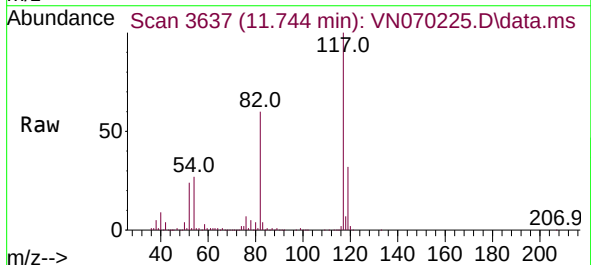
Instrument :
MSVOA_N
ClientSampleId :

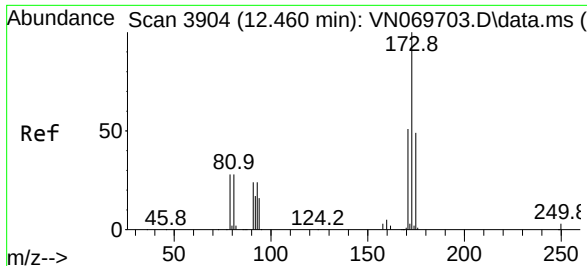
Tgt Ion: 95 Resp: 1432013
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion: 117 Resp: 2786349
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.7 25.4 38.2

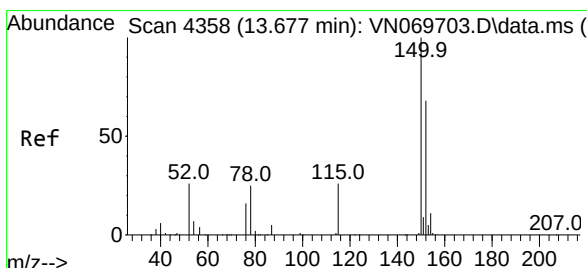
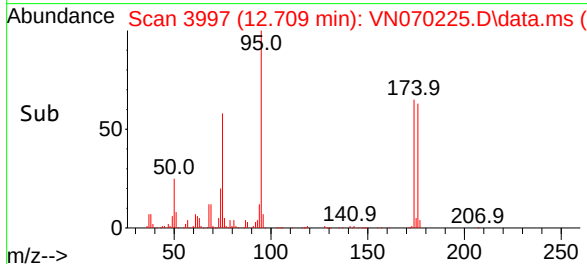
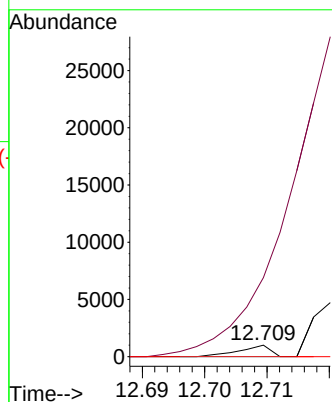
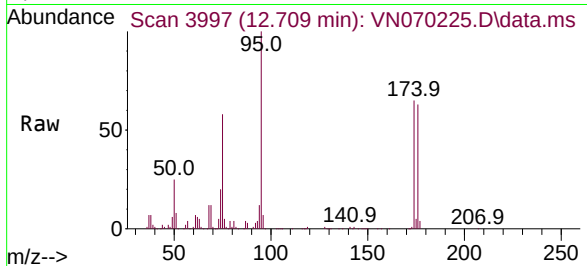




#71
Bromoform
Concen: 2.750 ug/l
RT: 12.709 min Scan# 3904
Delta R.T. 0.249 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

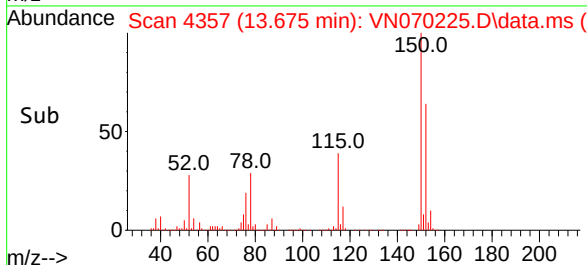
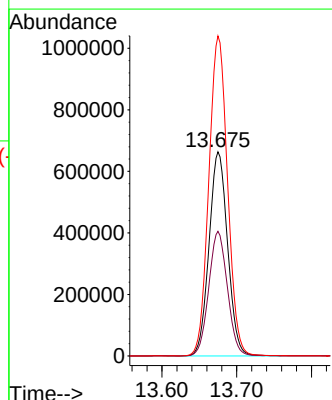
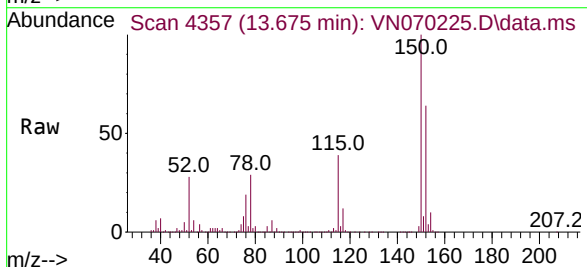
Instrument :
MSVOA_N
ClientSampleId :

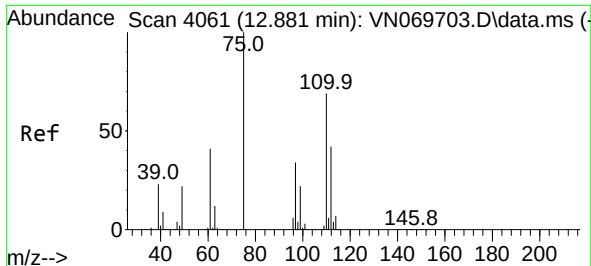
Tgt Ion:173 Resp: 347
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion:152 Resp: 1146598
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 157.6 0.0 344.4

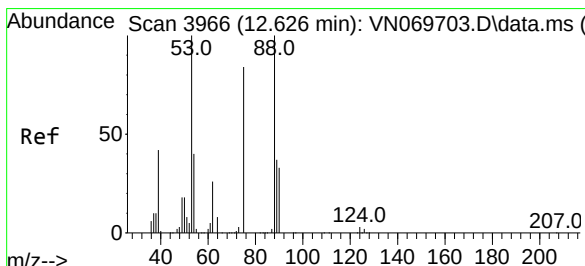
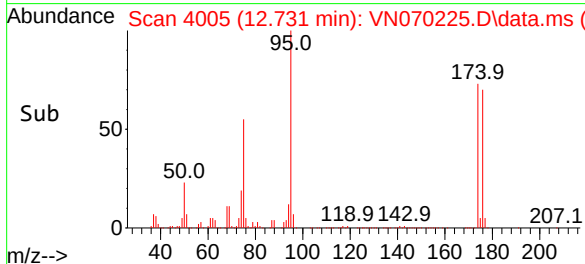
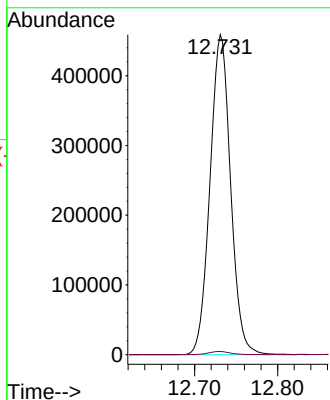
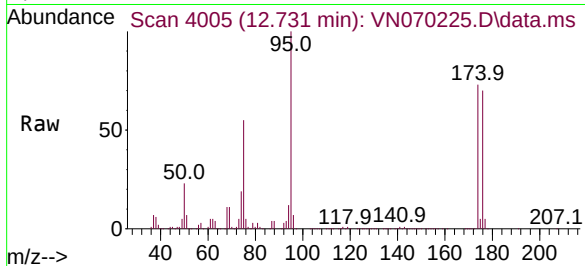




#76
1,2,3-Trichloropropane
Concen: 24.014 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

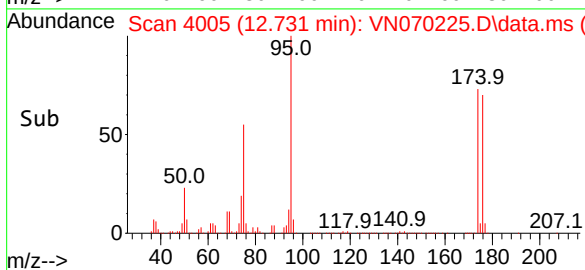
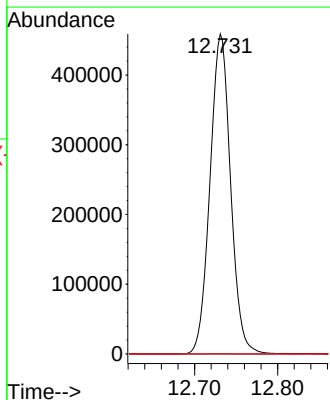
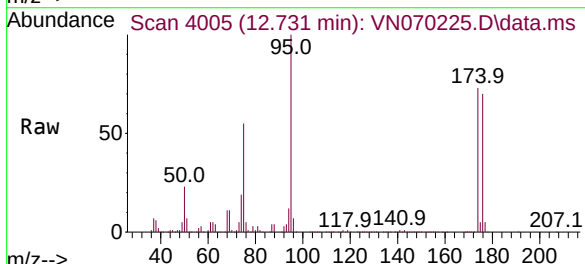
Instrument :
MSVOA_N
ClientSampleId :

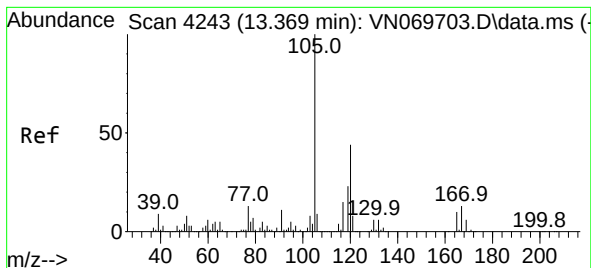
Tgt Ion: 75 Resp: 789634
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.273 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070225.D
Acq: 18 Dec 2021 20:17

Tgt Ion: 75 Resp: 789634
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.509 ug/l

RT: 13.367 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

Instrument :

MSVOA_N

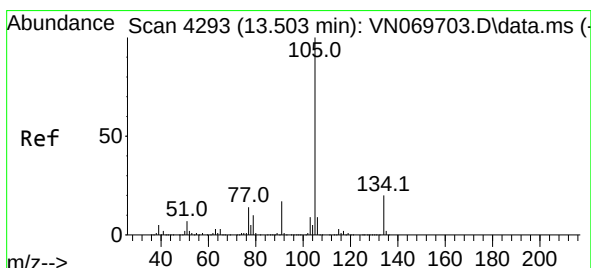
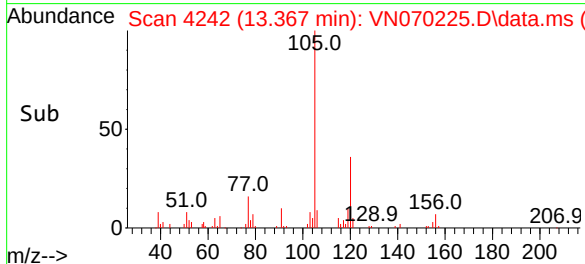
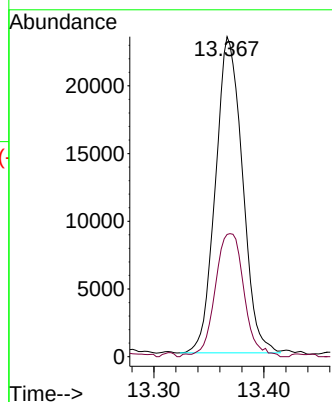
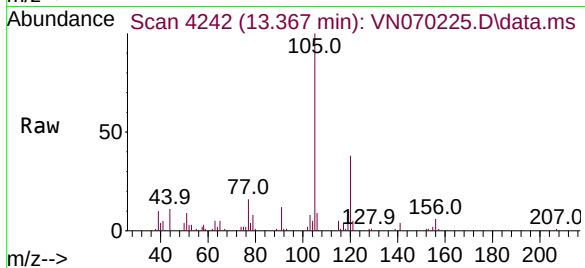
ClientSampleId :

Tgt Ion:105 Resp: 39801

Ion Ratio Lower Upper

105 100

120 41.5 22.8 68.4



#85

sec-Butylbenzene

Concen: 0.404 ug/l

RT: 13.367 min Scan# 4242

Delta R.T. -0.137 min

Lab File: VN070225.D

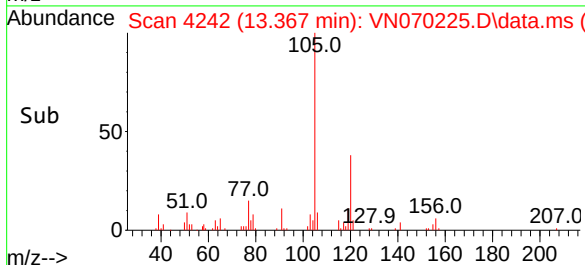
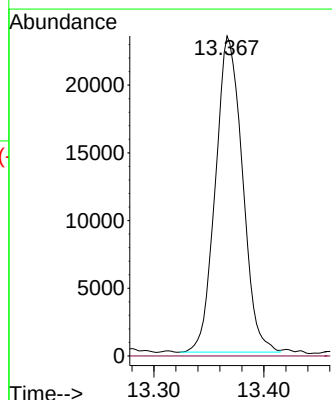
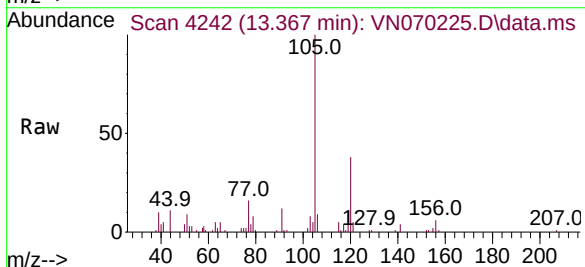
Acq: 18 Dec 2021 20:17

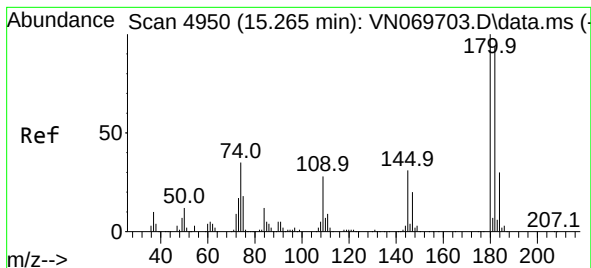
Tgt Ion:105 Resp: 39801

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





#93

1,2,4-Trichlorobenzene

Concen: 2.889 ug/l

RT: 15.271 min Scan# 4950

Delta R.T. 0.006 min

Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

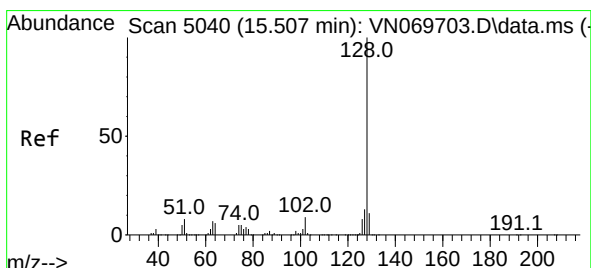
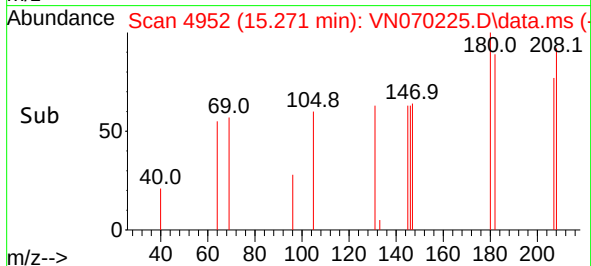
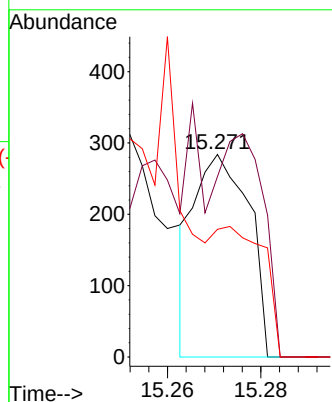
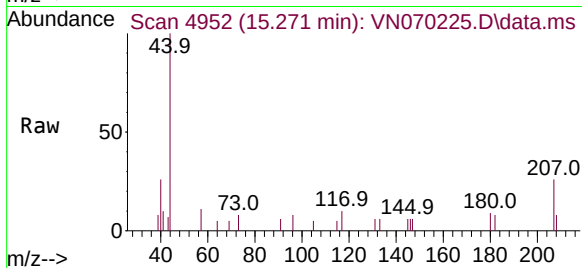
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180 Resp: 231

Ion	Ratio	Lower	Upper
180	100		
182	76.2	48.3	144.9
145	0.0	14.5	43.5#



#95

Naphthalene

Concen: 5.174 ug/l

RT: 15.507 min Scan# 5040

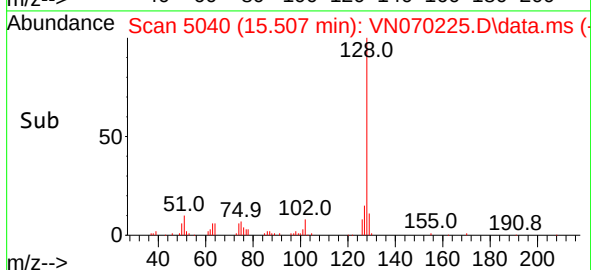
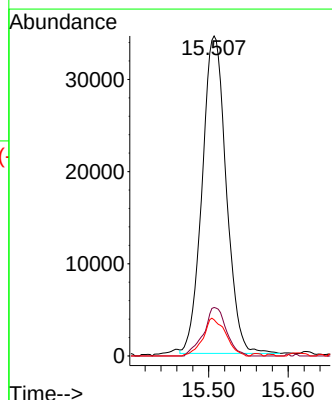
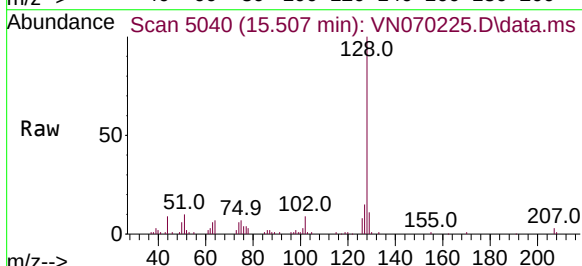
Delta R.T. -0.000 min

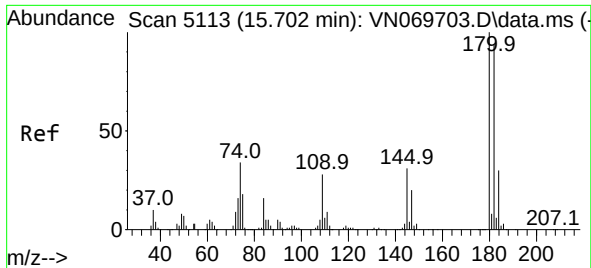
Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

Tgt Ion:128 Resp: 72358

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.5	15.7
129	11.2	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.451 ug/l

RT: 15.708 min Scan# 51

Delta R.T. 0.006 min

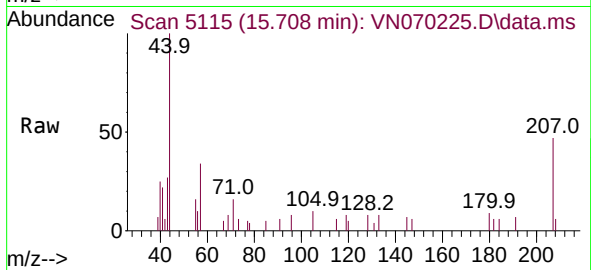
Lab File: VN070225.D

Acq: 18 Dec 2021 20:17

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 299

Ion Ratio Lower Upper

180 100

182 63.5 47.4 142.2

145 0.0 15.0 45.1#

