

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070210.D
 Acq On : 18 Dec 2021 13:54
 Operator : JC/MD
 Sample : M5044-01 10X
 Misc : 6.43g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-1-4.5

Quant Time: Dec 19 08:44:40 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)

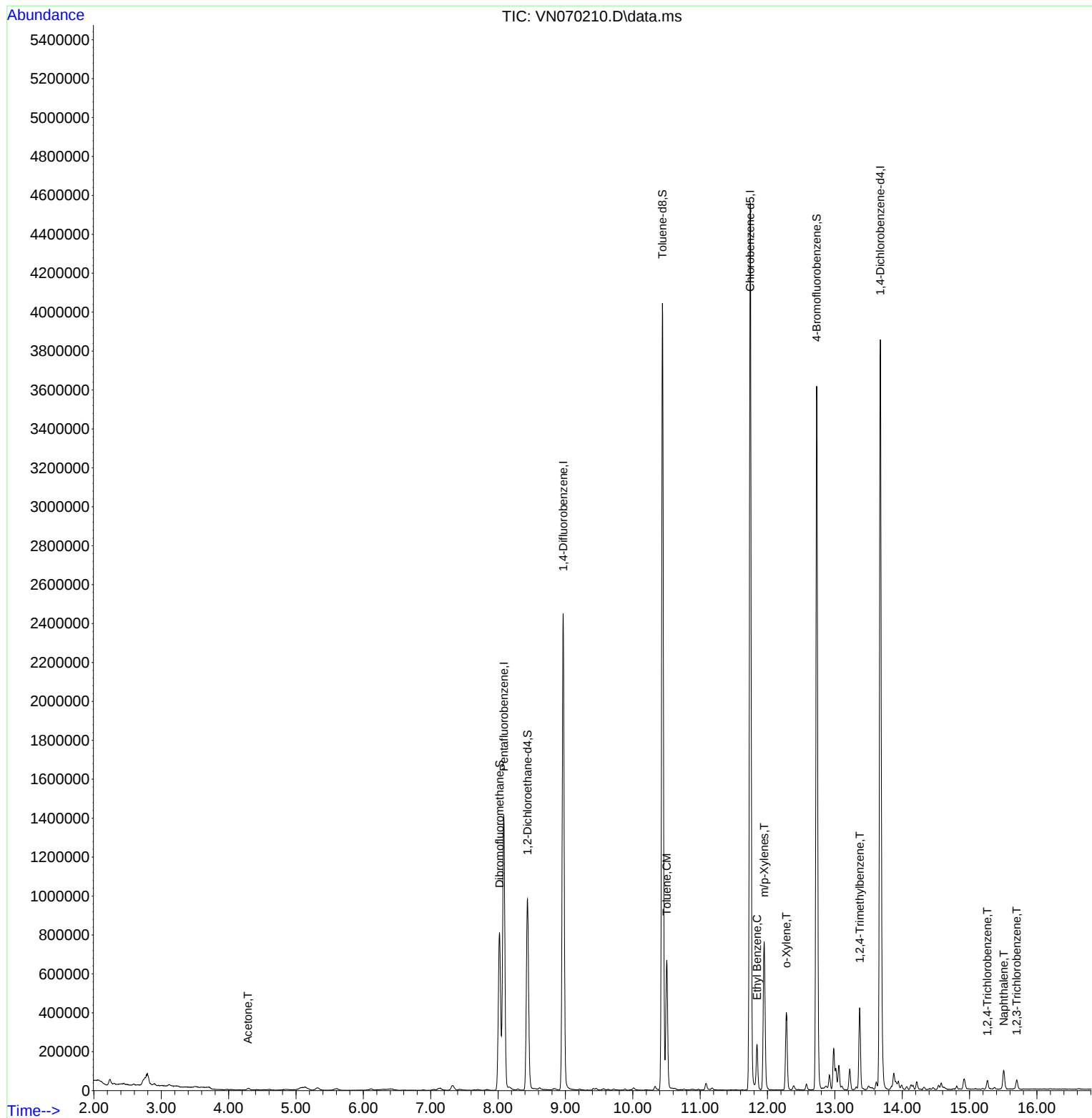
Internal Standards						
1) Pentafluorobenzene	8.086	168	1068268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2047040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2500943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1022883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	851257	51.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.22%			
35) Dibromofluoromethane	8.021	113	594289	46.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.70%			
50) Toluene-d8	10.440	98	2755266	53.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.04%			
62) 4-Bromofluorobenzene	12.731	95	1272497	68.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 136.44%#			
Target Compounds					Qvalue	
16) Acetone	4.285	43	13275	1.34	ug/l	99
52) Toluene	10.505	92	275204	7.57	ug/l	99
67) Ethyl Benzene	11.843	91	165013	1.79	ug/l	96
68) m/p-Xylenes	11.950	106	237675	7.08	ug/l	91
69) o-Xylene	12.280	106	104786	3.10	ug/l	86
84) 1,2,4-Trimethylbenzene	13.369	105	247331	3.55	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	14977	3.72	ug/l	98
95) Naphthalene	15.507	128	92904	5.70	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.700	180	17335	3.44	ug/l	99

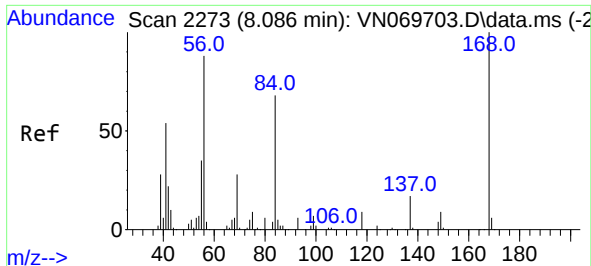
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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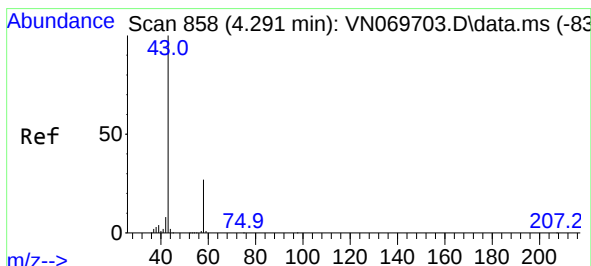
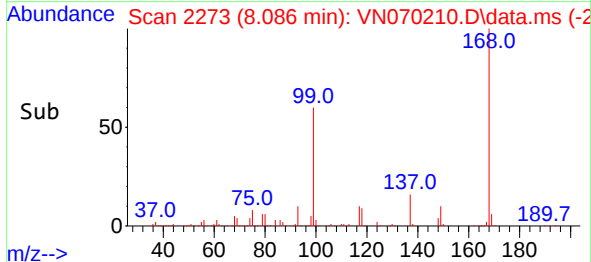
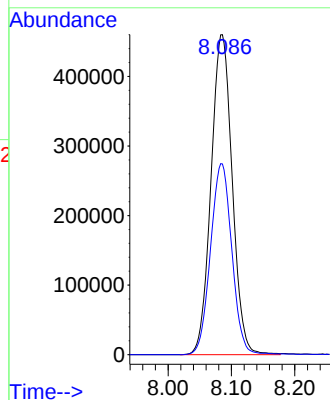
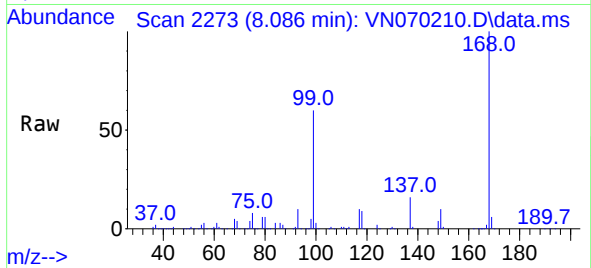




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

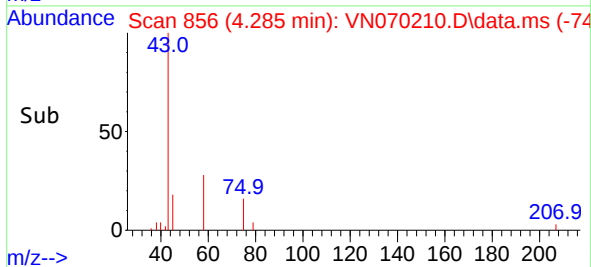
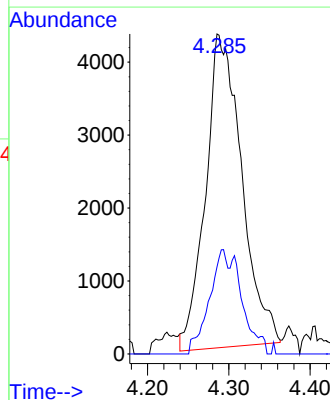
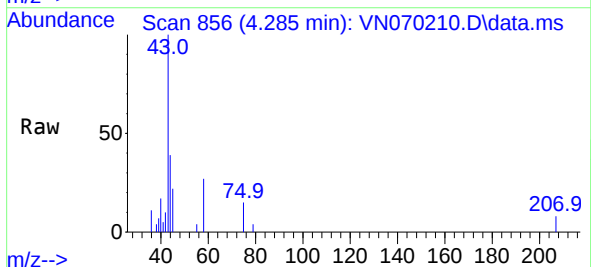
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

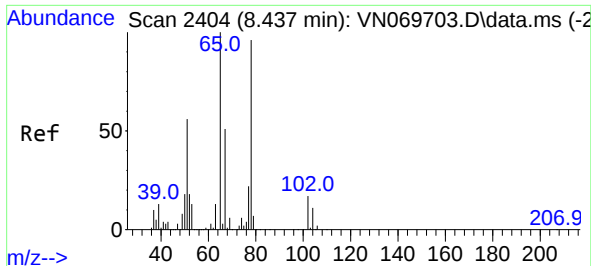
Tgt Ion:168 Resp: 1068268
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#16
Acetone
Concen: 1.34 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Tgt Ion: 43 Resp: 13275
Ion Ratio Lower Upper
43 100
58 28.4 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 51.61 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070210.D

Acq: 18 Dec 2021 13:54

Instrument :

MSVOA_N

ClientSampleId :

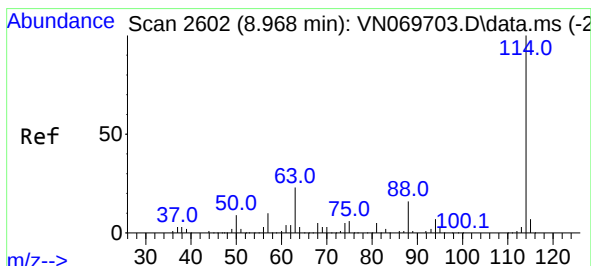
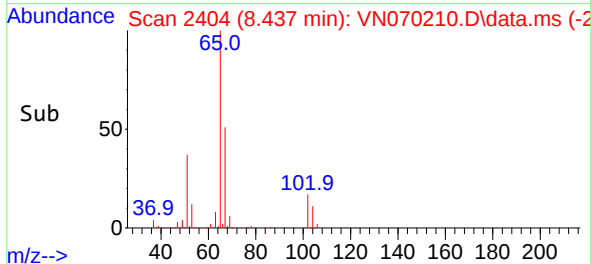
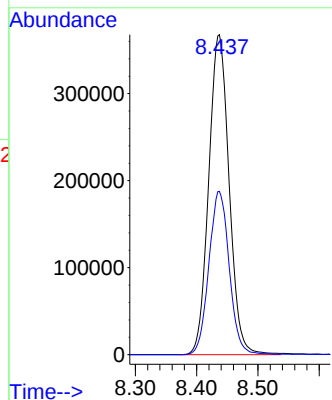
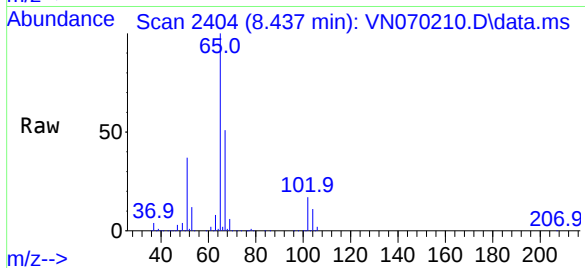
DA-1-4.5

Tgt Ion: 65 Resp: 851257

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070210.D

Acq: 18 Dec 2021 13:54

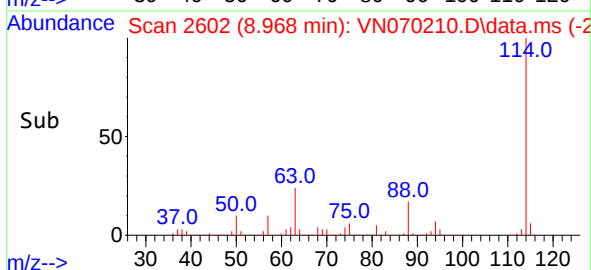
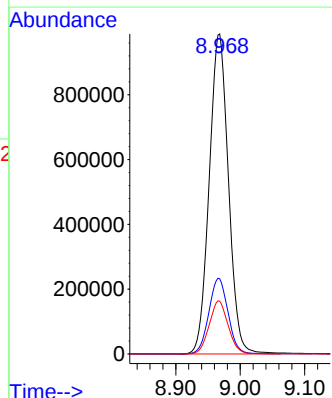
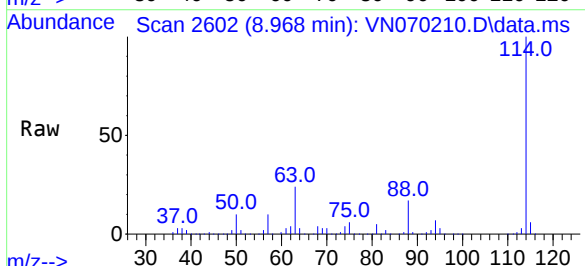
Tgt Ion: 114 Resp: 2047040

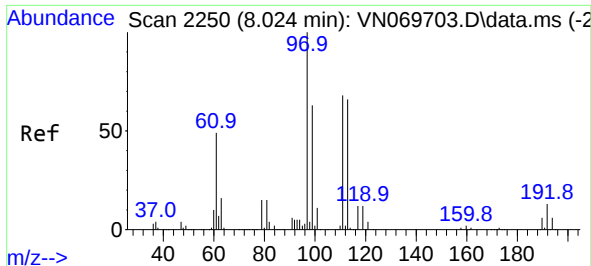
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.5 0.0 27.4

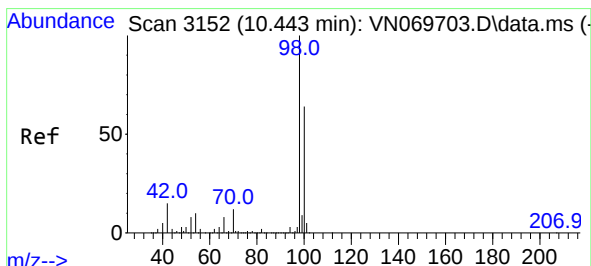
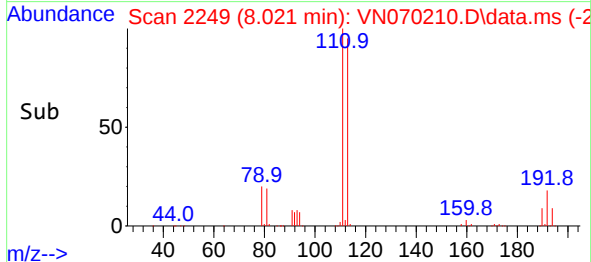
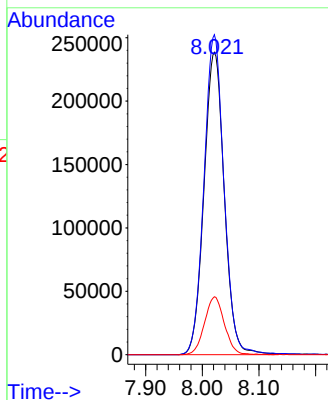
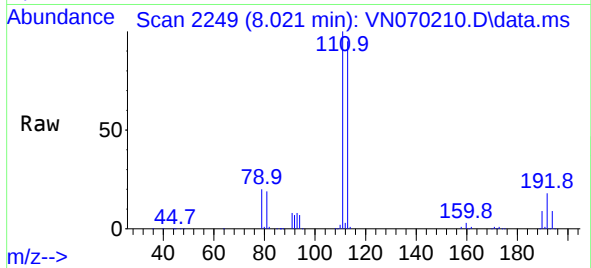




#35
Dibromofluoromethane
Concen: 46.35 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

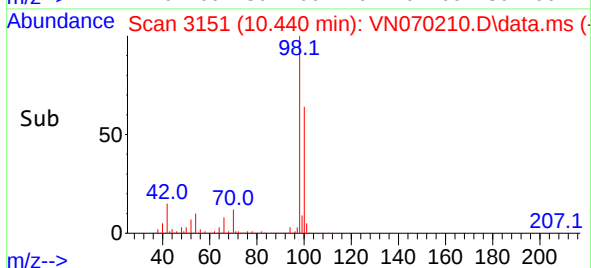
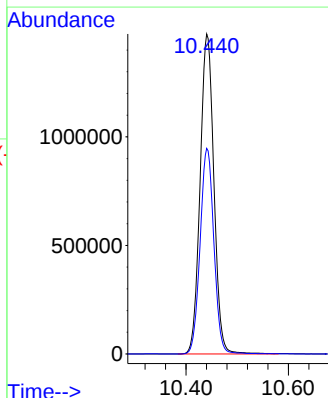
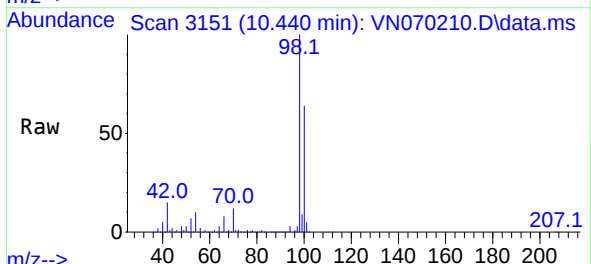
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

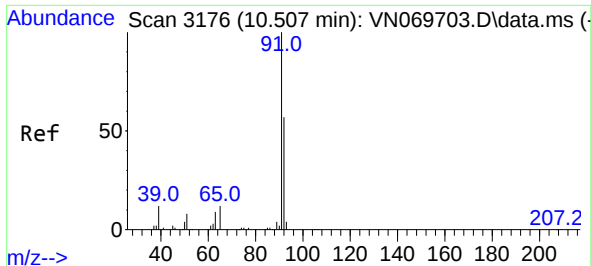
Tgt Ion:113 Resp: 594289
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 53.52 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Tgt Ion: 98 Resp: 2755266
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

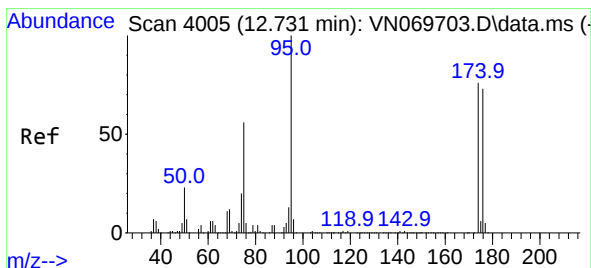
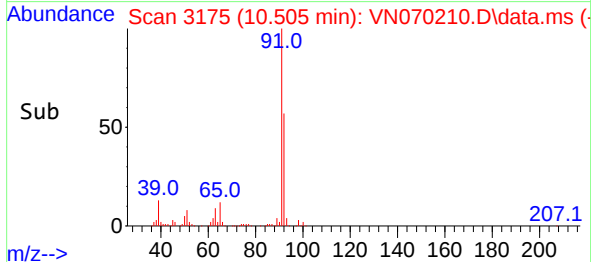
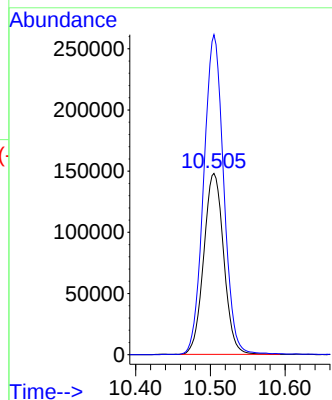
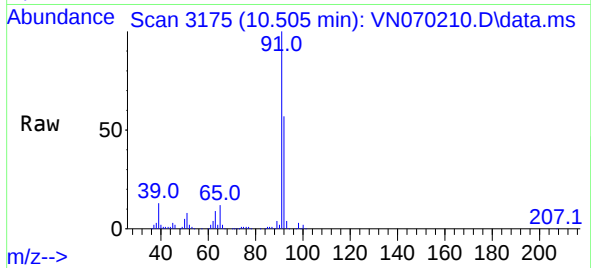




#52
Toluene
Concen: 7.57 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

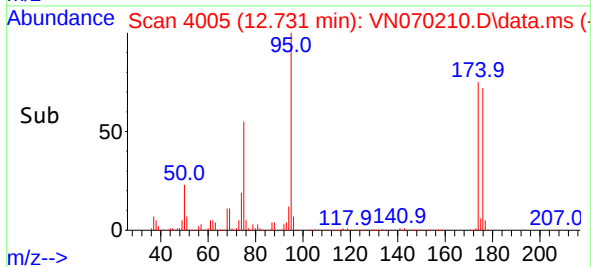
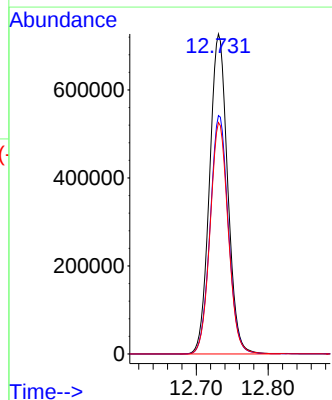
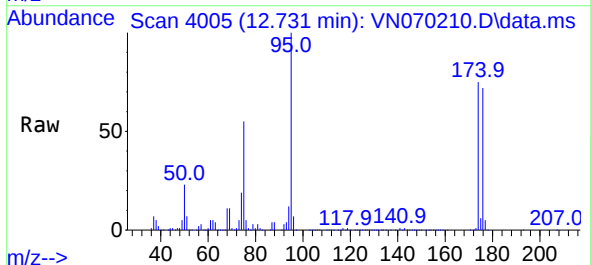
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

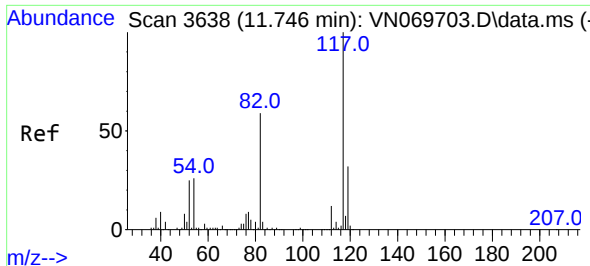
Tgt Ion: 92 Resp: 275204
Ion Ratio Lower Upper
92 100
91 176.7 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 68.22 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Tgt Ion: 95 Resp: 1272497
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.3 0.0 181.4



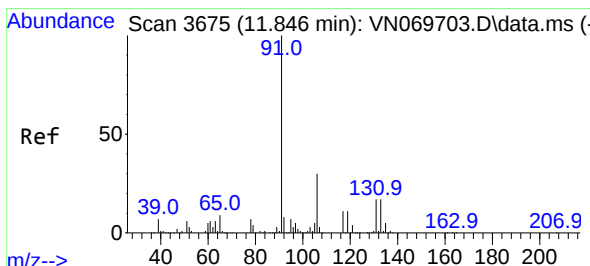
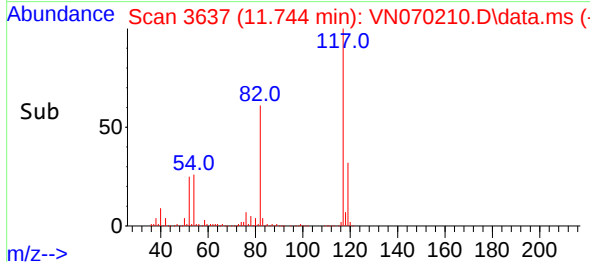
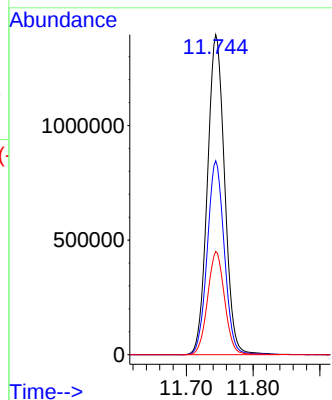
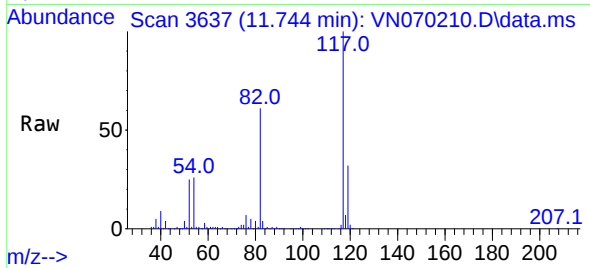


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

Tgt Ion:117 Resp: 2500943

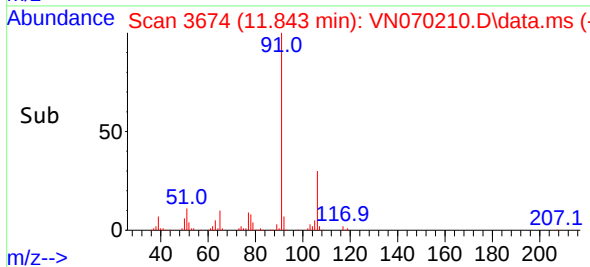
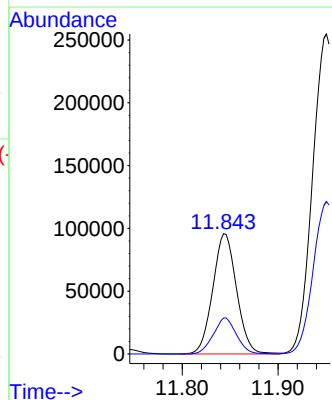
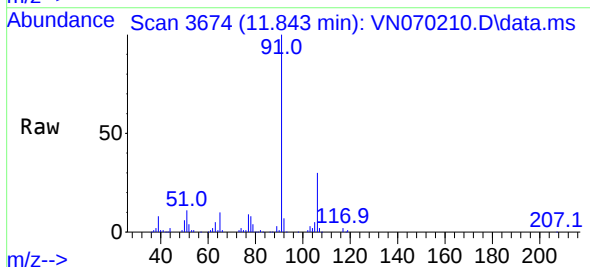
Ion	Ratio	Lower	Upper
117	100		
82	60.6	42.4	63.6
119	32.2	25.4	38.2

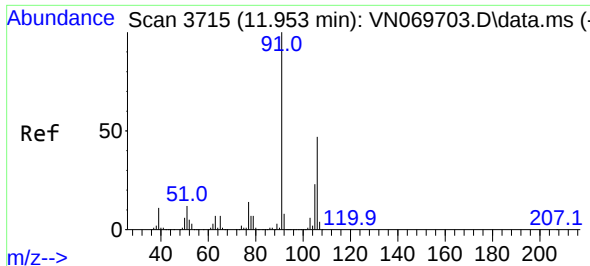


#67
Ethyl Benzene
Concen: 1.79 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Tgt Ion: 91 Resp: 165013

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.7	38.5

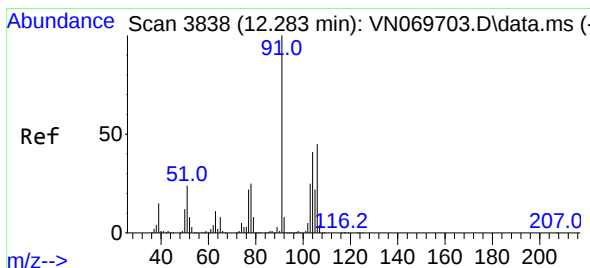
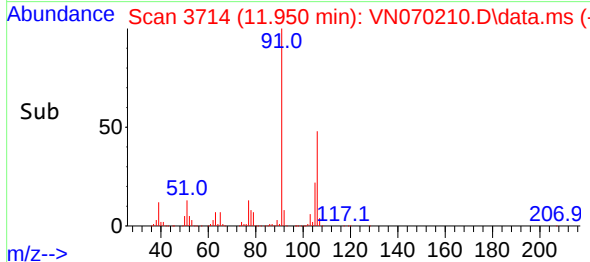
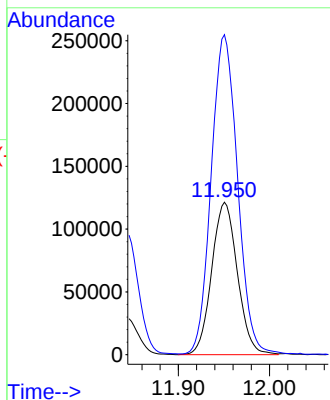
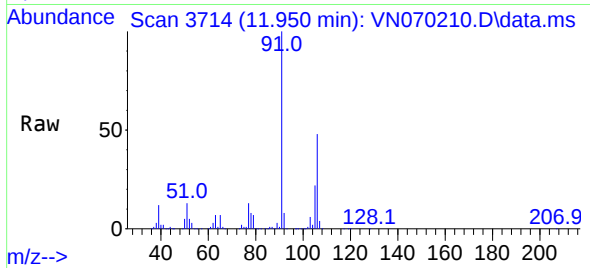




#68
m/p-Xylenes
Concen: 7.08 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

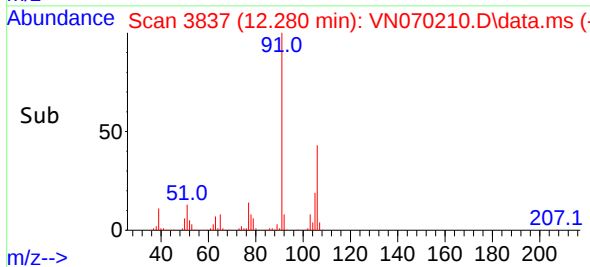
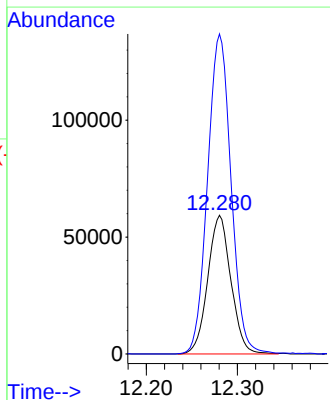
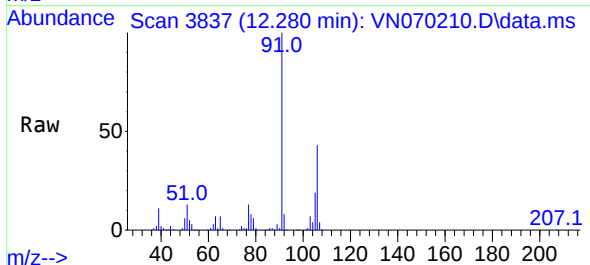
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MSVOA_N
ClientSampleId :
DA-1-4.5

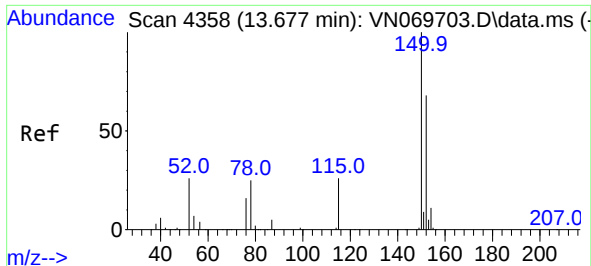
Tgt Ion:106 Resp: 237675
Ion Ratio Lower Upper
106 100
91 214.4 160.6 240.8



#69
o-Xylene
Concen: 3.10 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Tgt Ion:106 Resp: 104786
Ion Ratio Lower Upper
106 100
91 233.9 105.8 317.3

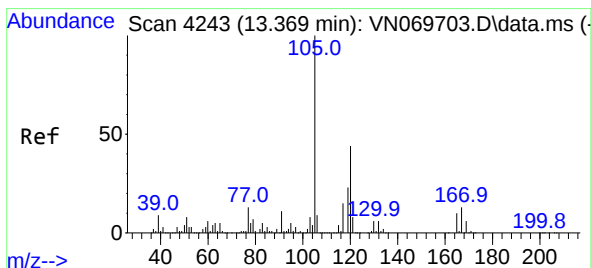
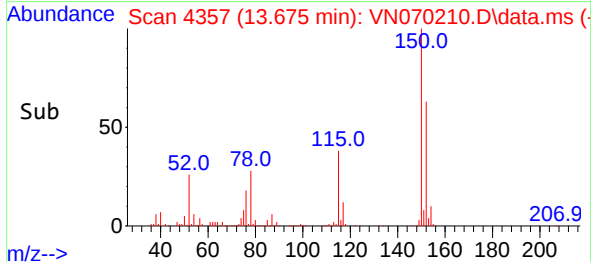
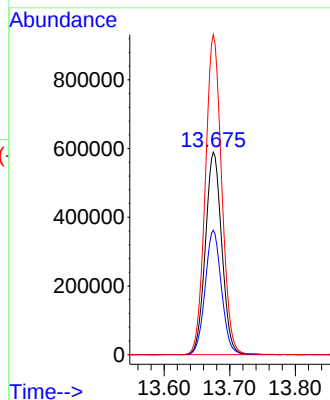
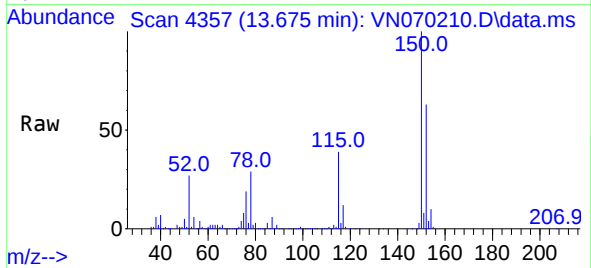




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

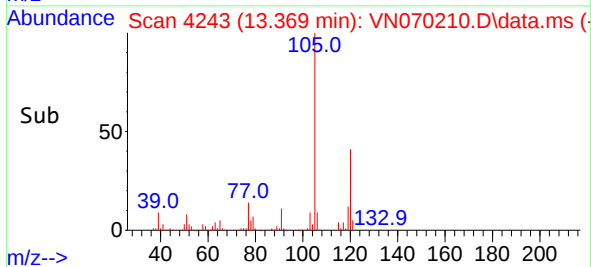
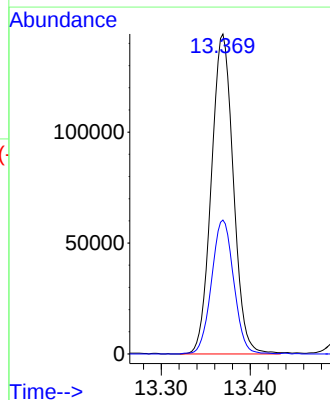
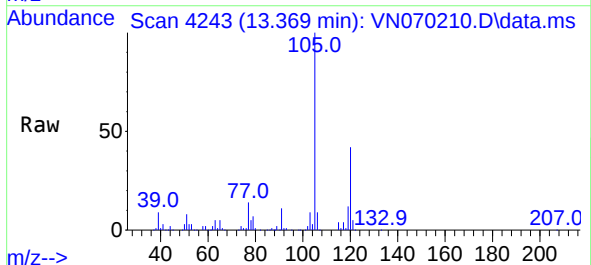
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

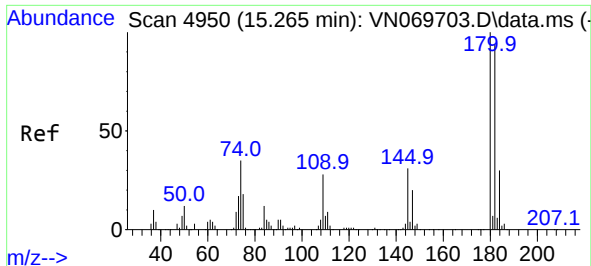
Tgt Ion:152 Resp: 1022883
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 157.1 0.0 344.4



#84
1,2,4-Trimethylbenzene
Concen: 3.55 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

Tgt Ion:105 Resp: 247331
Ion Ratio Lower Upper
105 100
120 42.2 22.8 68.4

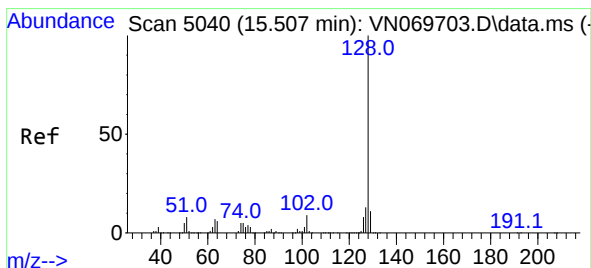
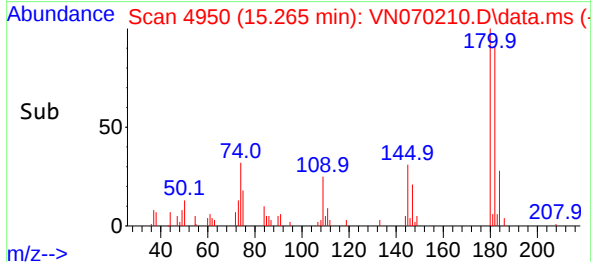
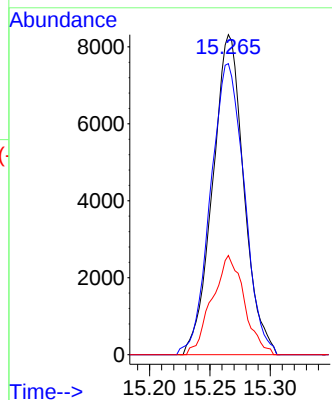
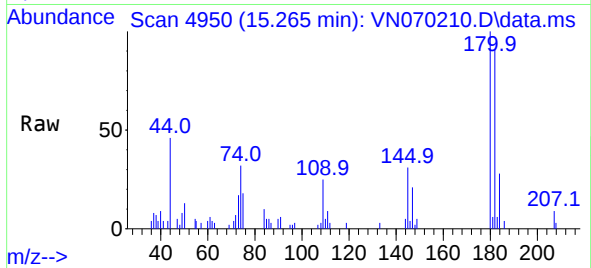




#93
1,2,4-Trichlorobenzene
Concen: 3.72 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

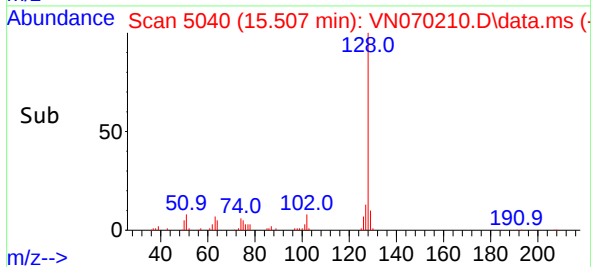
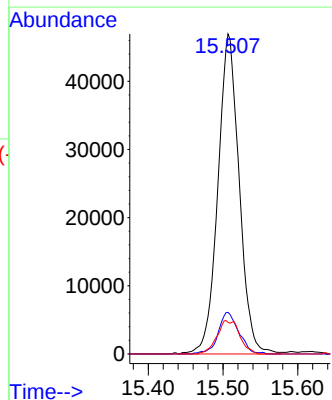
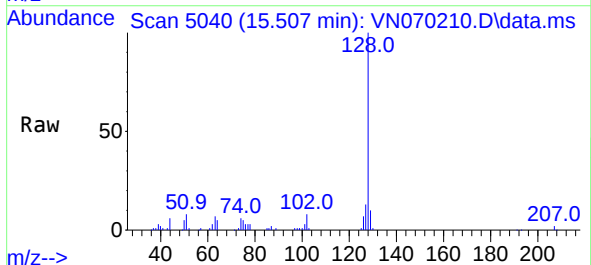
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

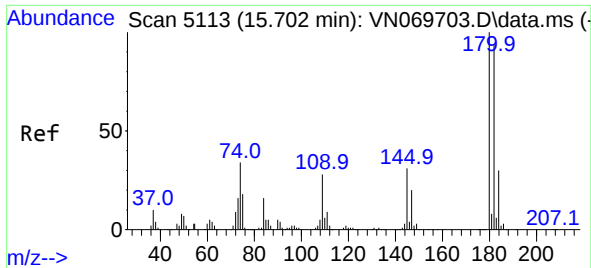
Tgt Ion:	180	Resp:	14977
Ion Ratio	Lower	Upper	
180	100		
182	98.2	48.3	144.9
145	31.9	14.5	43.5



#95
Naphthalene
Concen: 5.70 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070210.D
Acq: 18 Dec 2021 13:54

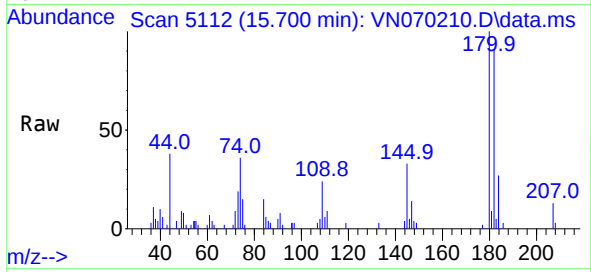
Tgt Ion:	128	Resp:	92904
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	6.6	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.44 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070210.D
 Acq: 18 Dec 2021 13:54

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-1-4.5



Tgt Ion:	180	Resp:	17335
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	31.2	15.0	45.1

