

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070513.D
 Acq On : 6 Jan 2022 12:37
 Operator : JC/MD
 Sample : N1041-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DE-WATERING-EFFLUENT

Quant Time: Jan 08 01:37:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

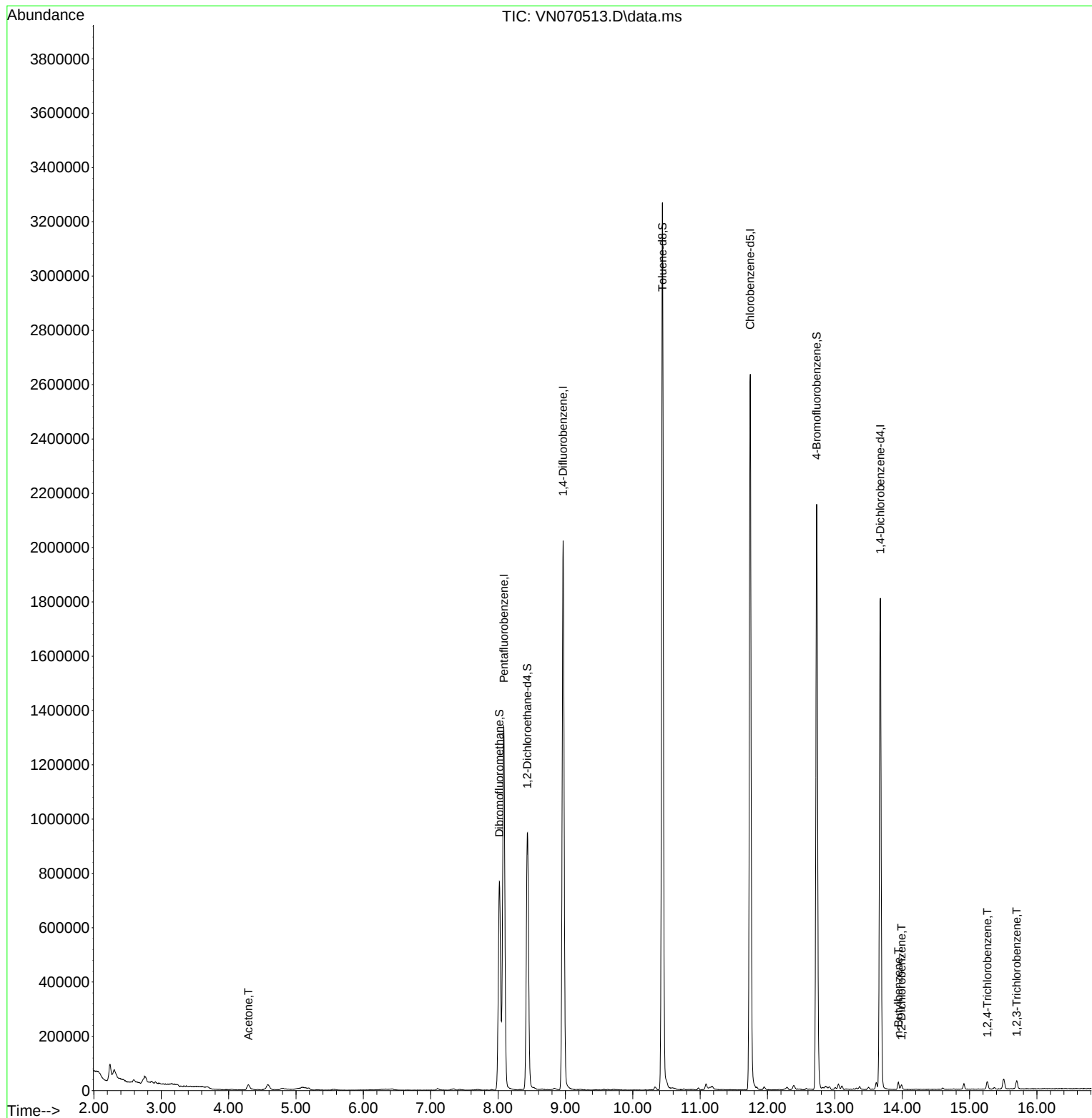
Internal Standards						
1) Pentafluorobenzene	8.085	168	1037237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1730666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1528998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	508186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	802795	53.830	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.660%			
35) Dibromofluoromethane	8.018	113	573817	54.799	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	10.440	98	2281159	53.327	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.731	95	809499	52.395	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.780%			
Target Compounds						Qvalue
16) Acetone	4.293	43	30276	3.127	ug/l	90
89) n-Butylbenzene	13.943	91	15484	0.523	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	6258	0.352	ug/l	85
93) 1,2,4-Trichlorobenzene	15.265	180	10453	1.248	ug/l	94
96) 1,2,3-Trichlorobenzene	15.700	180	11910	2.288	ug/l	99

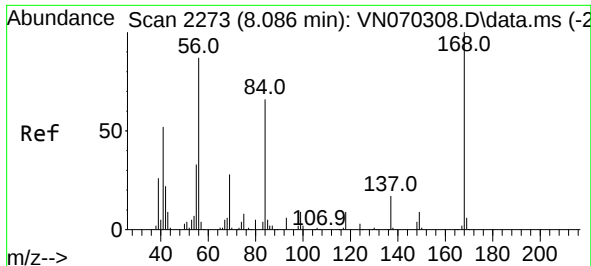
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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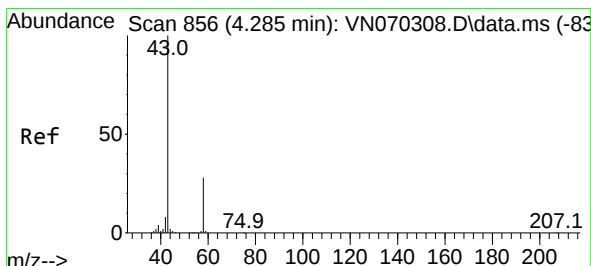
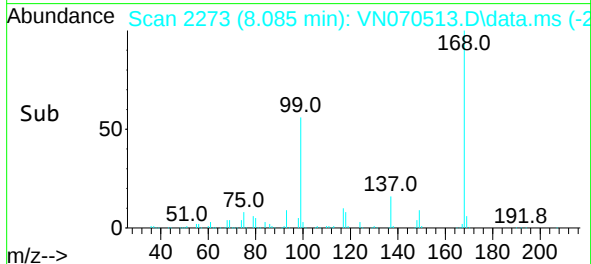
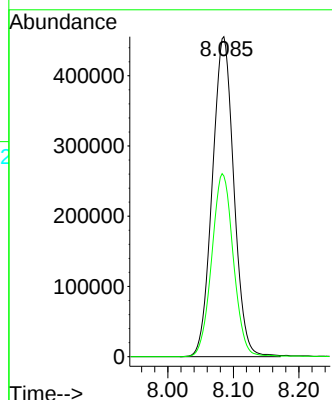
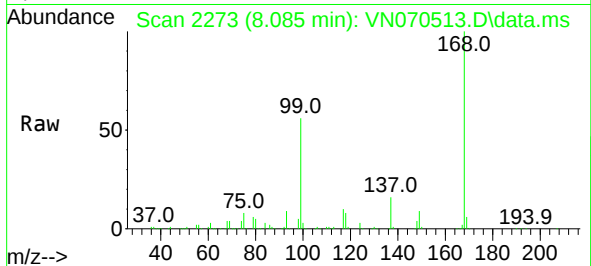




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

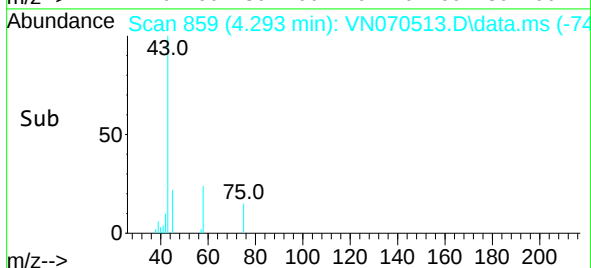
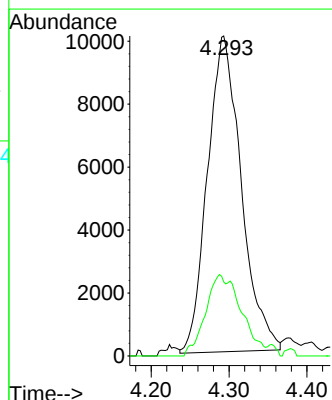
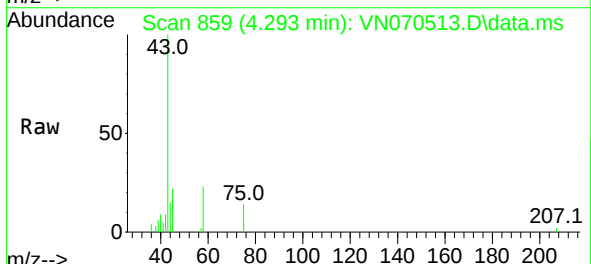
Instrument :
MSVOA_N
ClientSampleId :
DE-WATERING-EFFLUENT

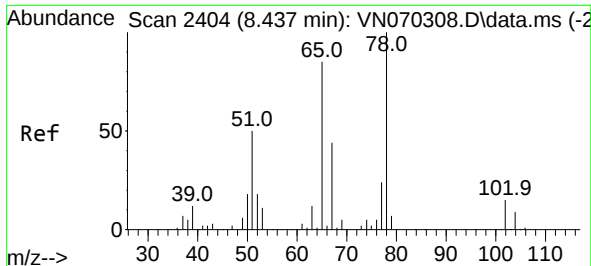
Tgt Ion:168 Resp: 1037237
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9



#16
Acetone
Concen: 3.127 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

Tgt Ion: 43 Resp: 30276
Ion Ratio Lower Upper
43 100
58 23.6 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 53.830 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070513.D

Acq: 6 Jan 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

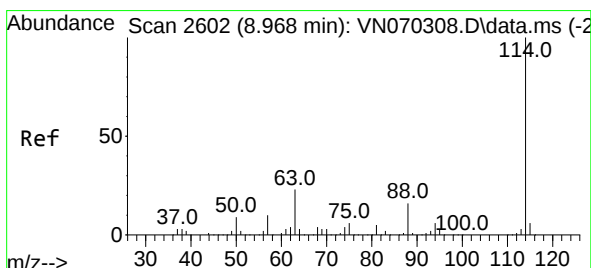
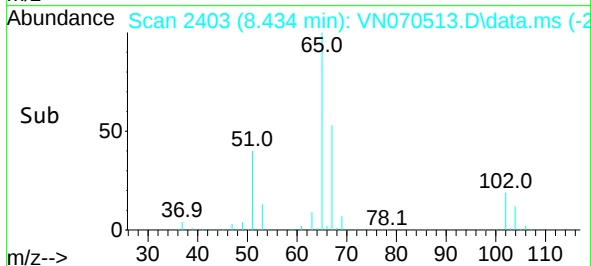
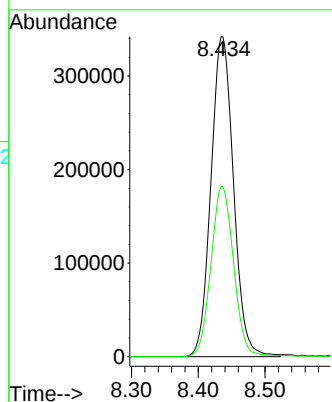
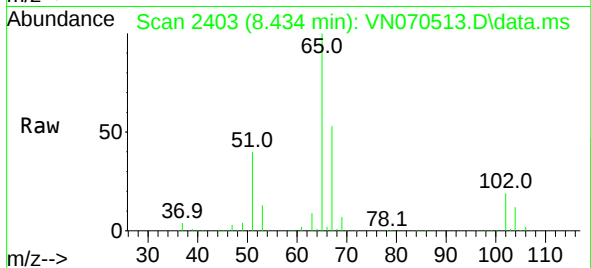
DE-WATERING-EFFLUENT

Tgt Ion: 65 Resp: 802795

Ion Ratio Lower Upper

65 100

67 53.5 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: VN070513.D

Acq: 6 Jan 2022 12:37

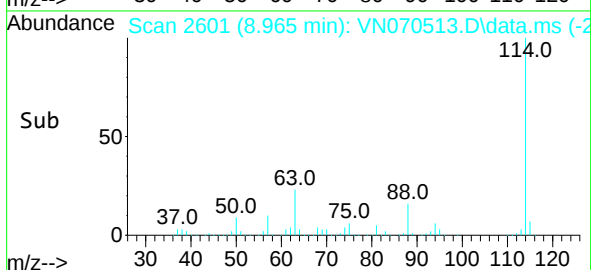
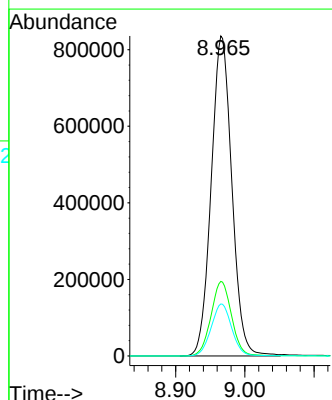
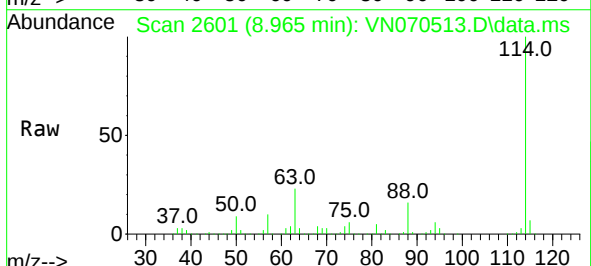
Tgt Ion: 114 Resp: 1730666

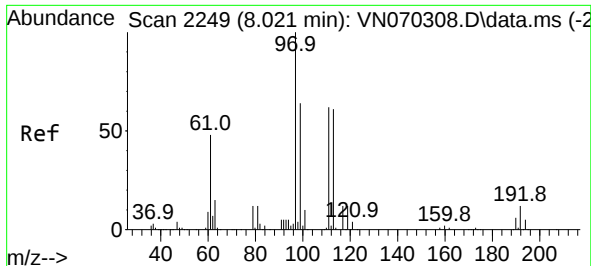
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.3 0.0 27.4

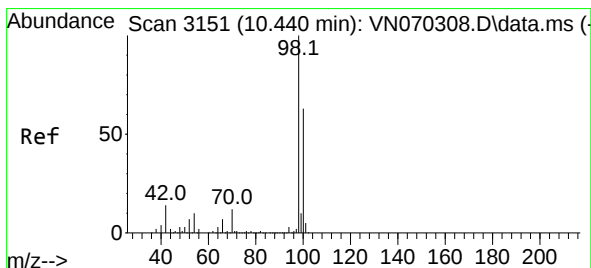
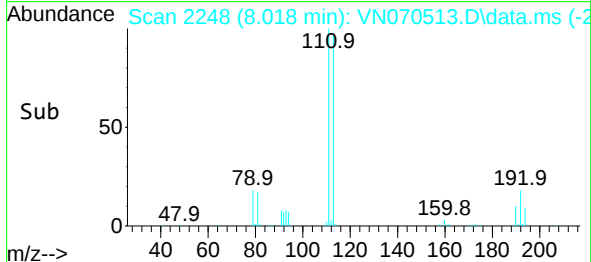
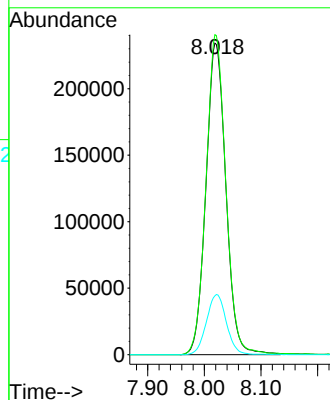
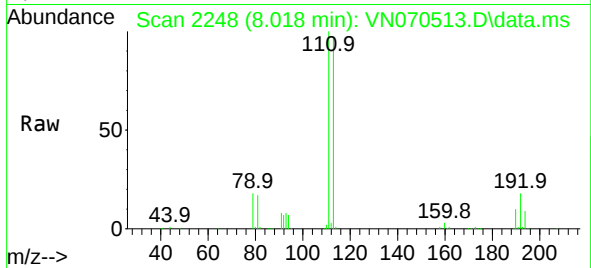




#35
Dibromofluoromethane
Concen: 54.799 ug/l
RT: 8.018 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

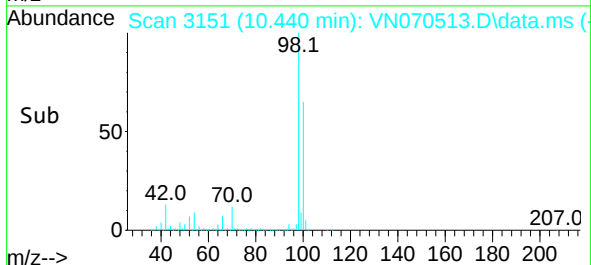
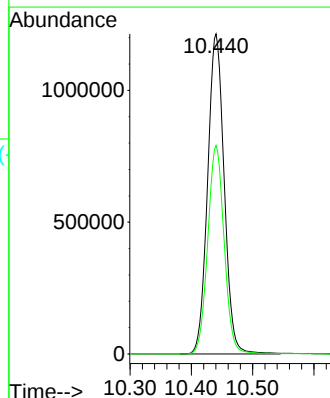
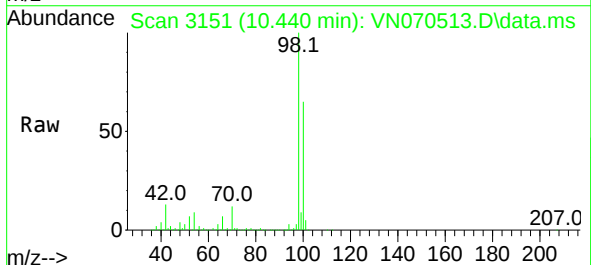
Instrument :
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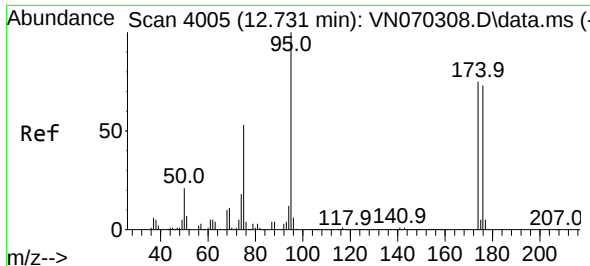
Tgt Ion:113 Resp: 573817
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 53.327 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

Tgt Ion: 98 Resp: 2281159
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

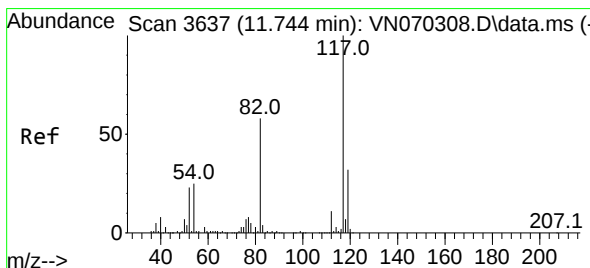
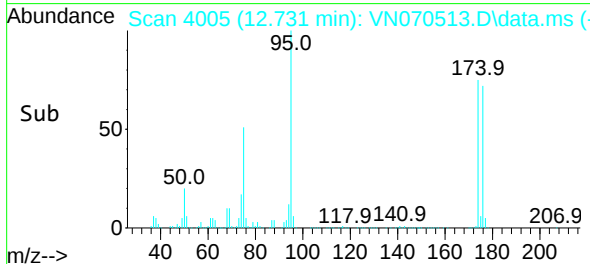
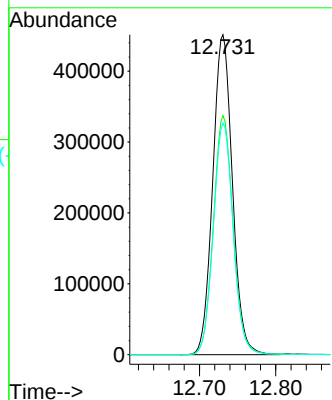
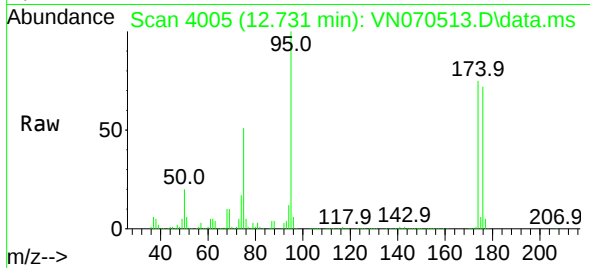




#62
4-Bromofluorobenzene
Concen: 52.395 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

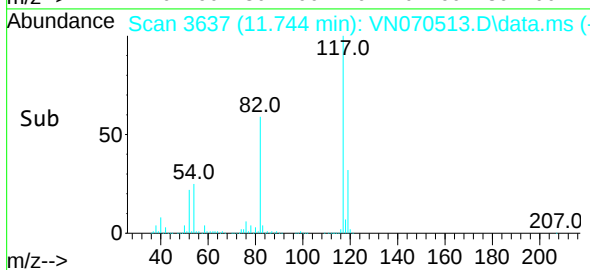
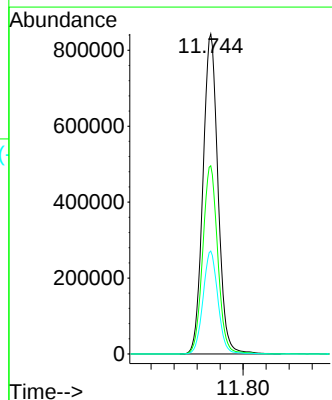
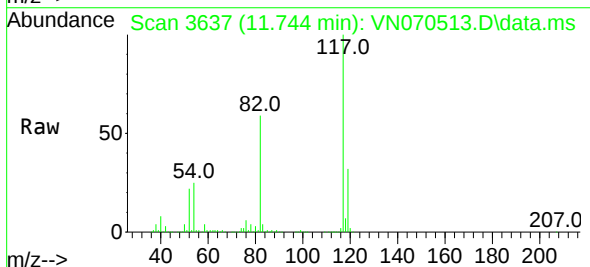
Instrument :
MSVOA_N
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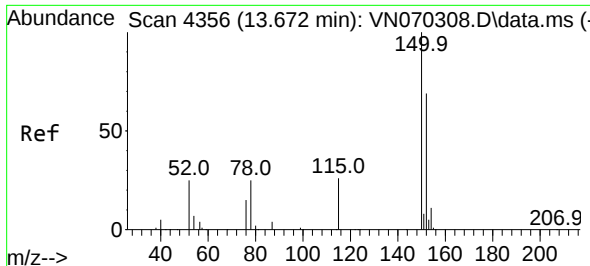
Tgt Ion: 95 Resp: 809499
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

Tgt Ion: 117 Resp: 1528998
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.1 25.4 38.2

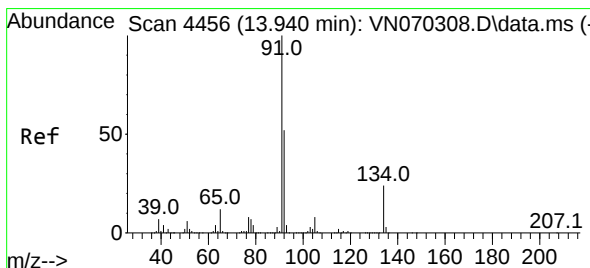
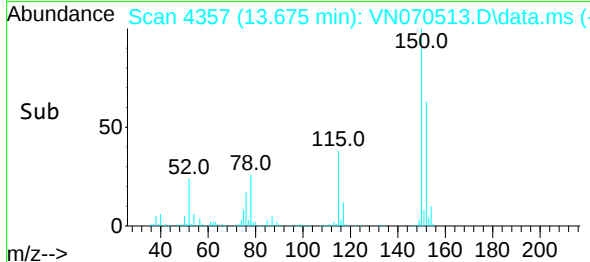
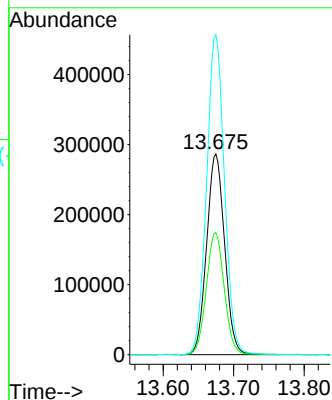
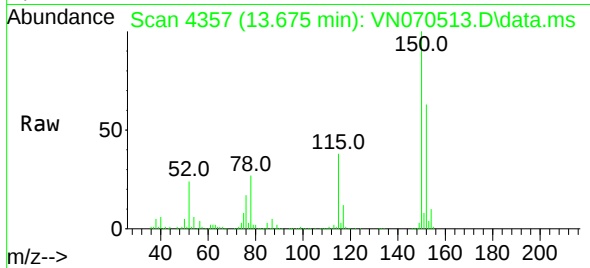




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

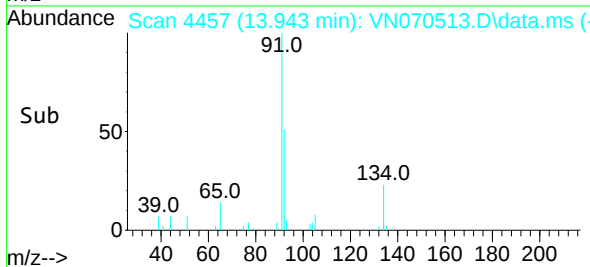
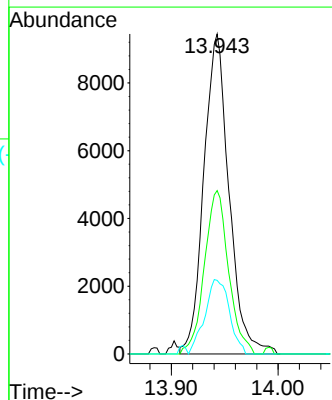
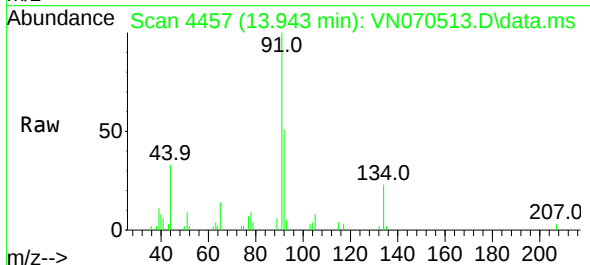
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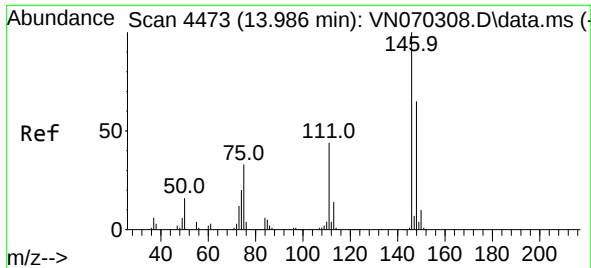
Tgt Ion:152 Resp: 508186
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 157.9 0.0 344.4



#89
n-Butylbenzene
Concen: 0.523 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

Tgt Ion: 91 Resp: 15484
Ion Ratio Lower Upper
91 100
92 48.9 25.4 76.0
134 22.6 13.6 40.8

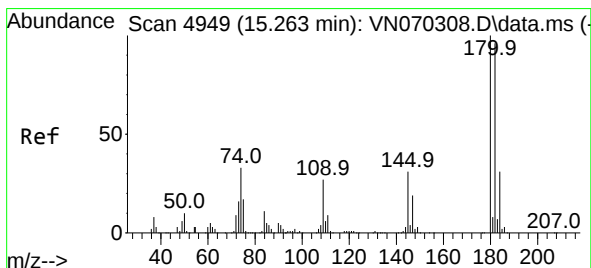
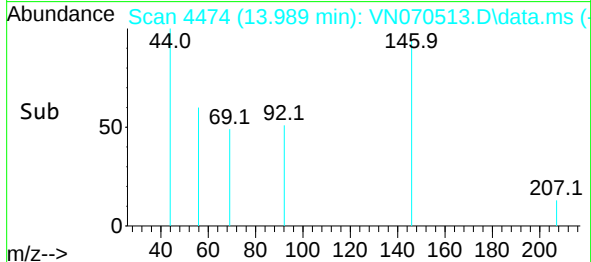
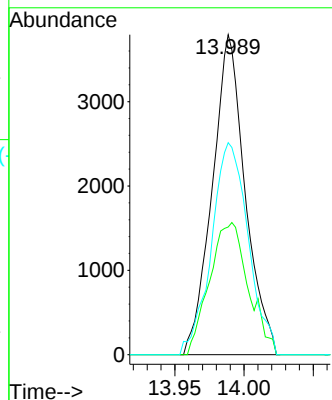
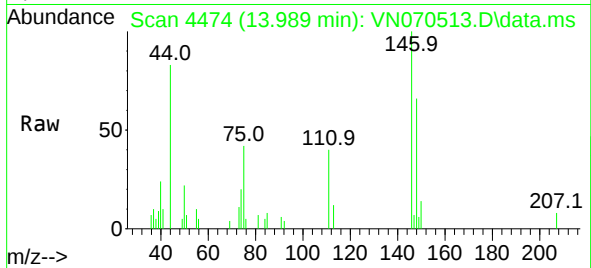




#91
1,2-Dichlorobenzene
Concen: 0.352 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

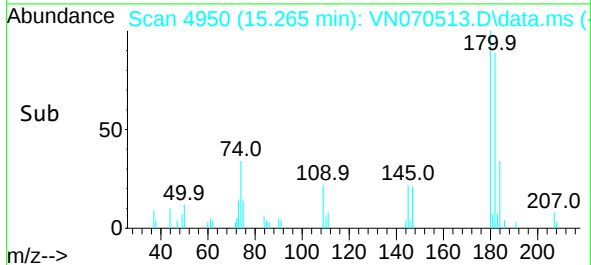
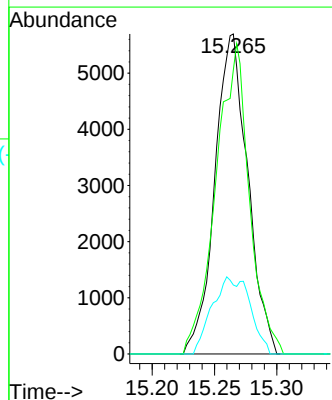
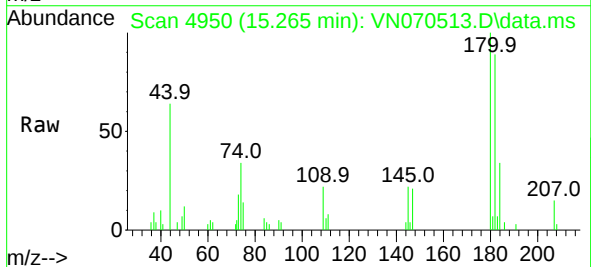
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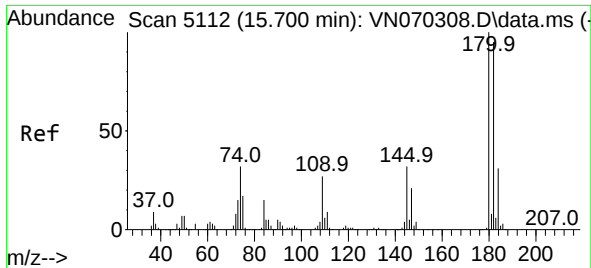
Tgt Ion:146 Resp: 6258
Ion Ratio Lower Upper
146 100
111 48.9 19.1 57.3
148 74.1 32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 1.248 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070513.D
Acq: 6 Jan 2022 12:37

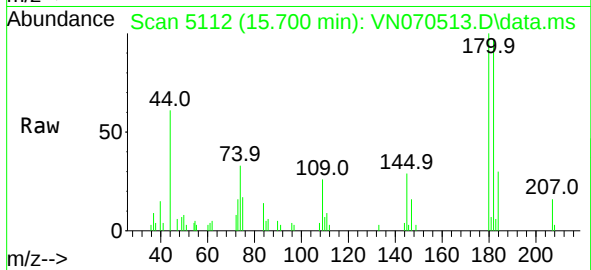
Tgt Ion:180 Resp: 10453
Ion Ratio Lower Upper
180 100
182 98.1 48.3 144.9
145 17.8 14.5 43.5





#96
 1,2,3-Trichlorobenzene
 Concen: 2.288 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070513.D
 Acq: 6 Jan 2022 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 DE-WATERING-EFFLUENT



Tgt Ion:180 Resp: 11910
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.2
 145 31.8 15.0 45.1

