

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070346.D
 Acq On : 29 Dec 2021 14:08
 Operator : JC/MD
 Sample : M5115-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 30 01:50:06 2021
 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)

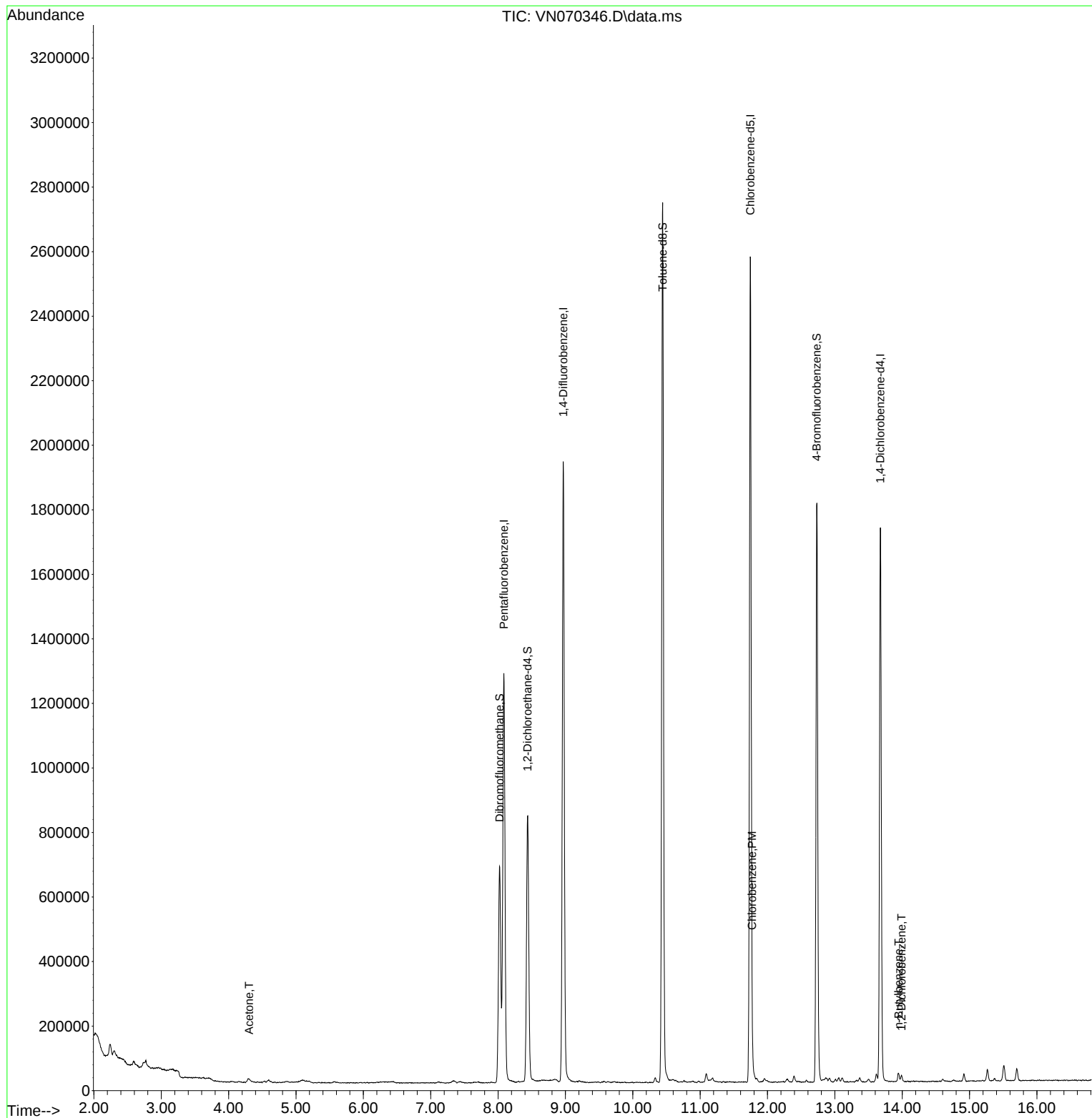
Internal Standards						
1) Pentafluorobenzene	8.085	168	959946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1622829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1459155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	479087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	695576	50.396	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.800%	
35) Dibromofluoromethane	8.021	113	491599	50.066	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.140%	
50) Toluene-d8	10.443	98	1874047	46.721	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.440%	
62) 4-Bromofluorobenzene	12.731	95	647124	44.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.340%	
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	20579	2.297	ug/l	# 86
65) Chlorobenzene	11.771	112	21444	0.693	ug/l	99
89) n-Butylbenzene	13.946	91	14642	0.524	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	8063	0.481	ug/l	98

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

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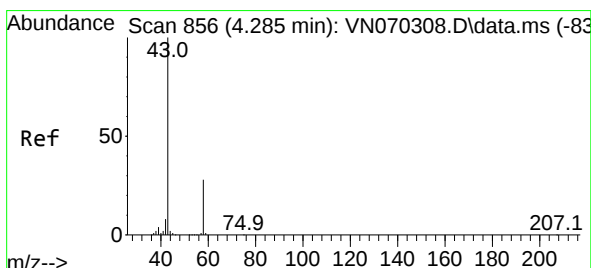
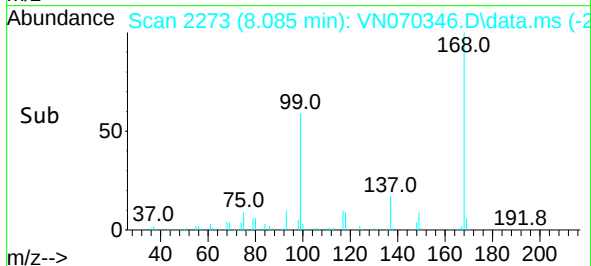
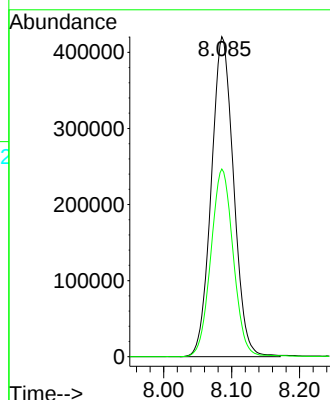
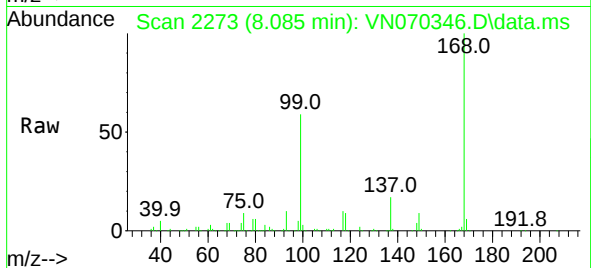




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

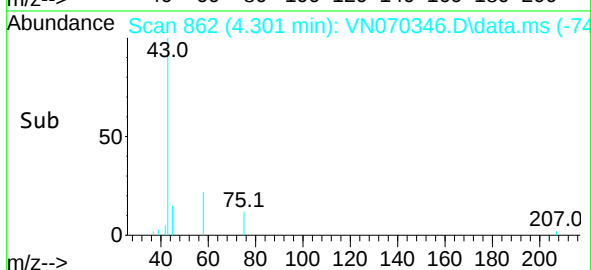
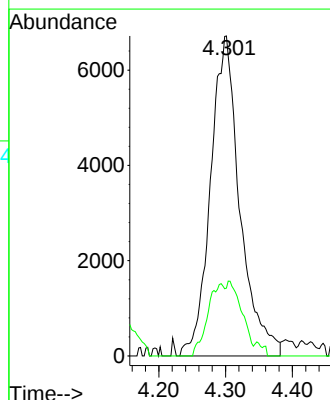
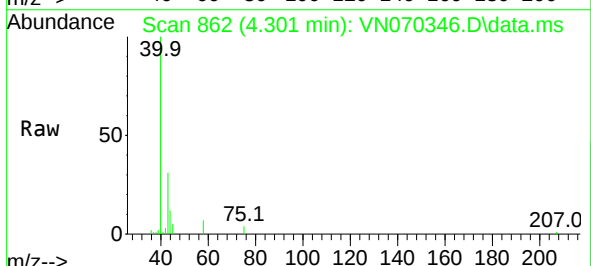
Instrument :
MSVOA_N
ClientSampleId :
MW-1

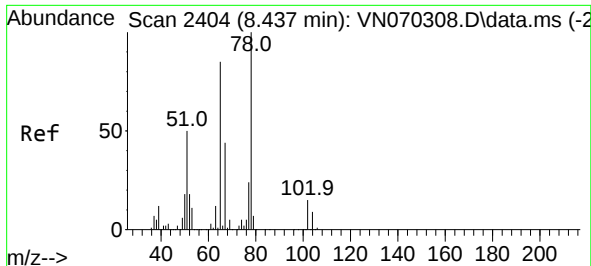
Tgt Ion:168 Resp: 959946
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#16
Acetone
Concen: 2.297 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

Tgt Ion: 43 Resp: 20579
Ion Ratio Lower Upper
43 100
58 21.2 23.1 34.7#





#33

1,2-Dichloroethane-d4

Concen: 50.396 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN070346.D

Acq: 29 Dec 2021 14:08

Instrument :

MSVOA_N

ClientSampleId :

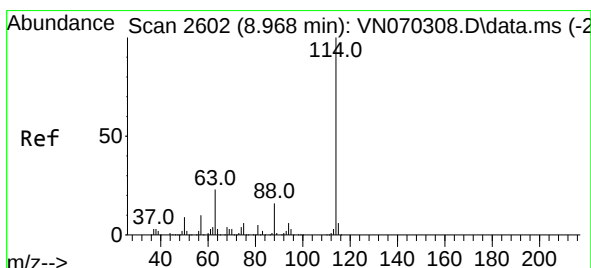
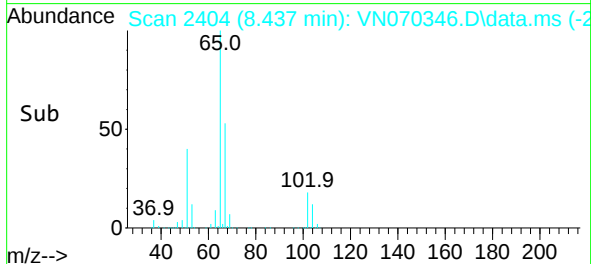
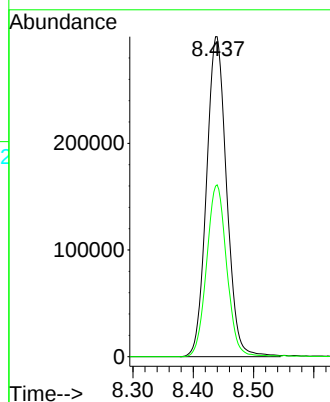
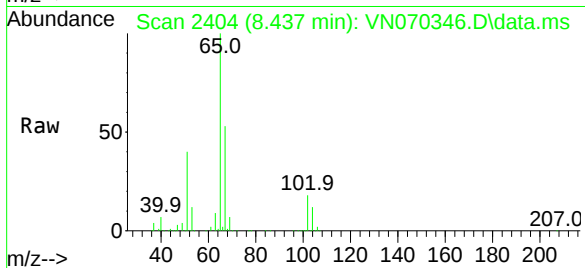
MW-1

Tgt Ion: 65 Resp: 695576

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070346.D

Acq: 29 Dec 2021 14:08

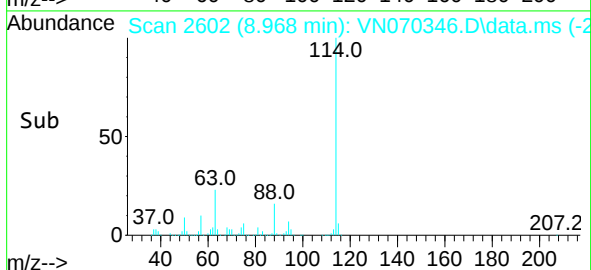
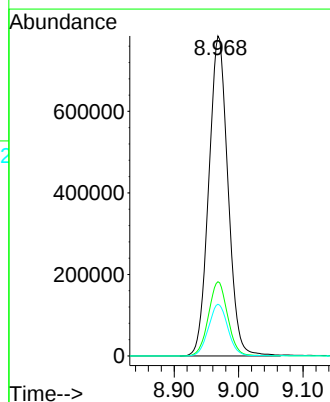
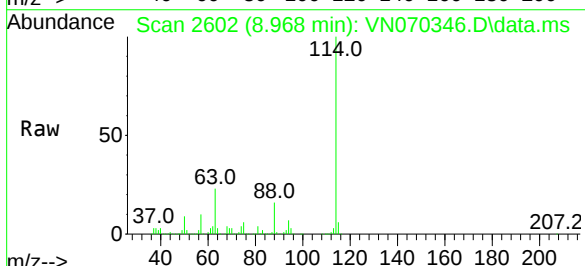
Tgt Ion: 114 Resp: 1622829

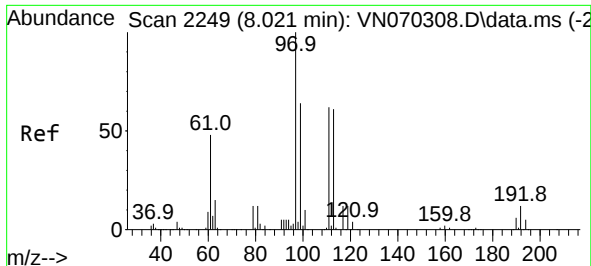
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.2 0.0 27.4

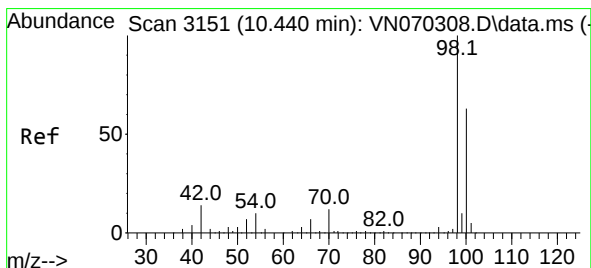
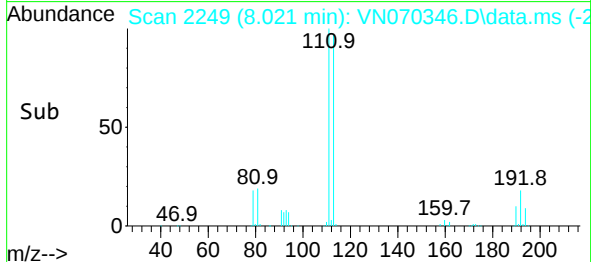
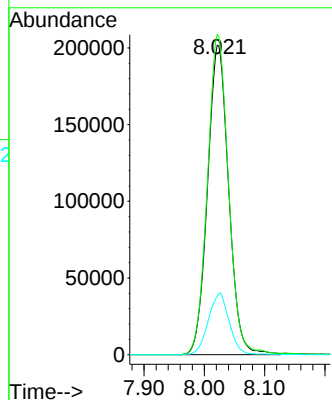
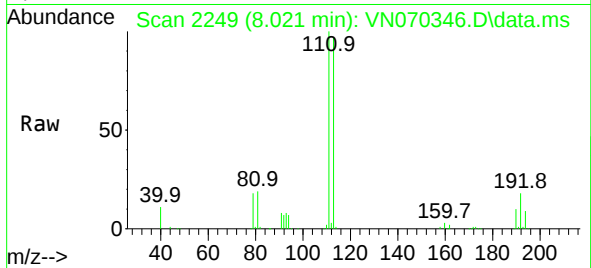




#35
Dibromofluoromethane
Concen: 50.066 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

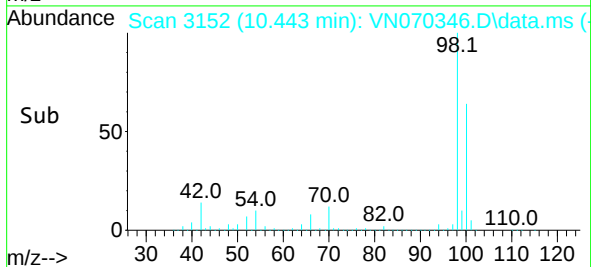
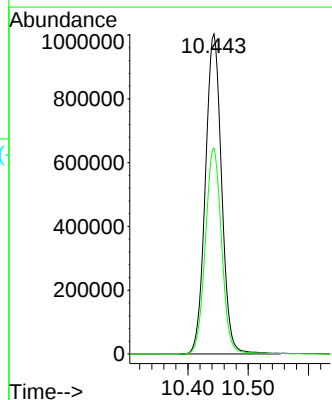
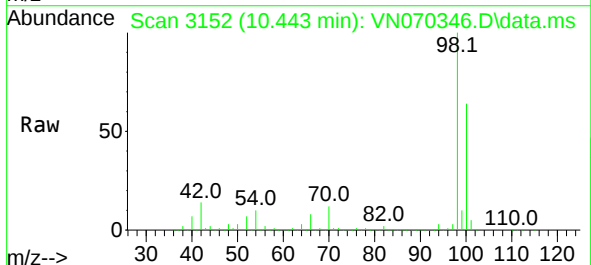
Instrument :
MSVOA_N
ClientSampleId :
MW-1

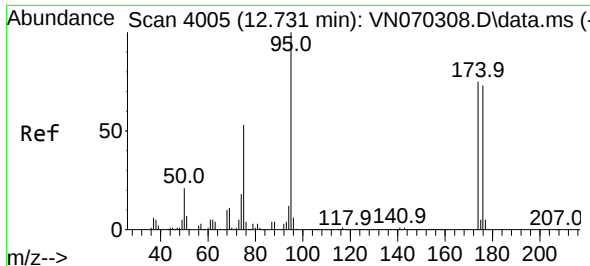
Tgt Ion:113 Resp: 491599
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 46.721 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

Tgt Ion: 98 Resp: 1874047
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

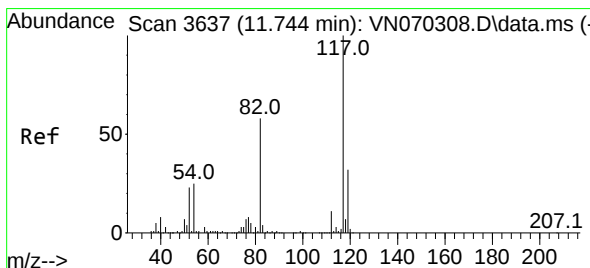
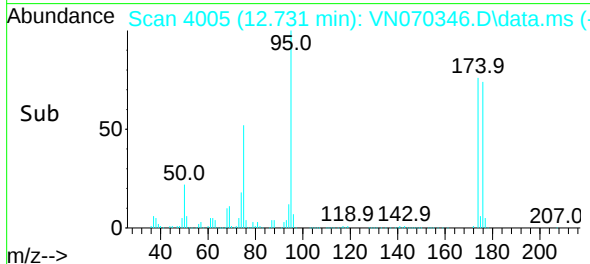
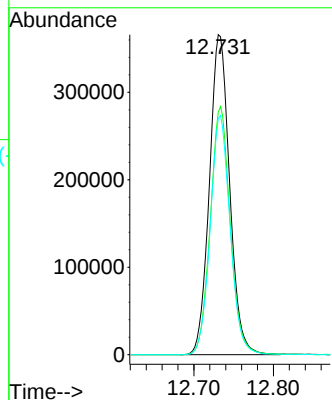
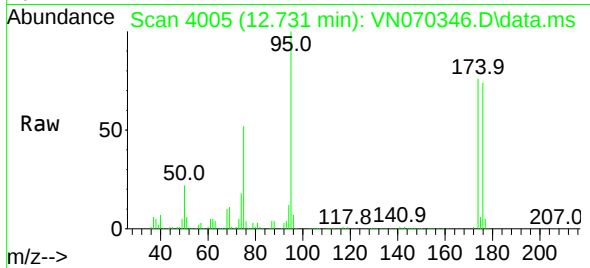




#62
4-Bromofluorobenzene
Concen: 44.668 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

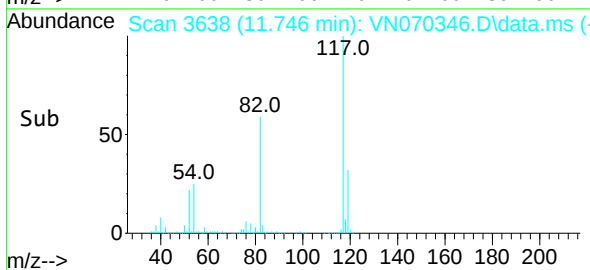
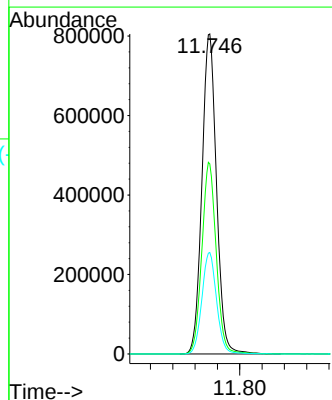
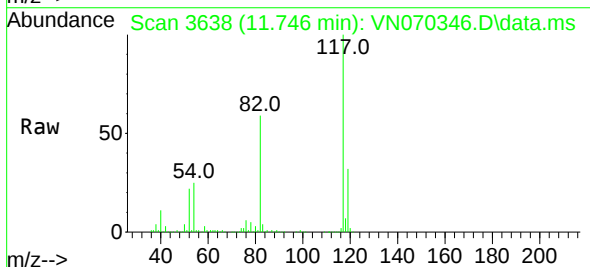
Instrument :
MSVOA_N
ClientSampleId :
MW-1

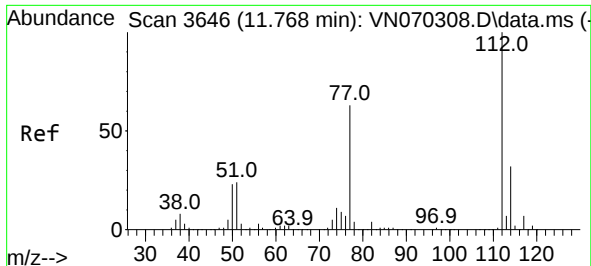
Tgt Ion: 95 Resp: 647124
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

Tgt Ion: 117 Resp: 1459155
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 31.7 25.4 38.2

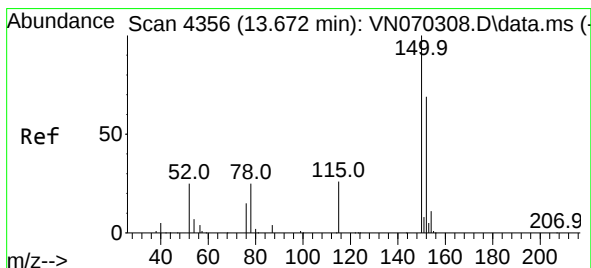
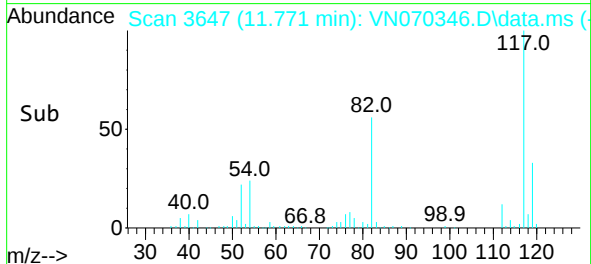
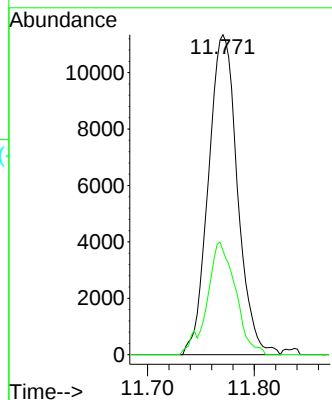
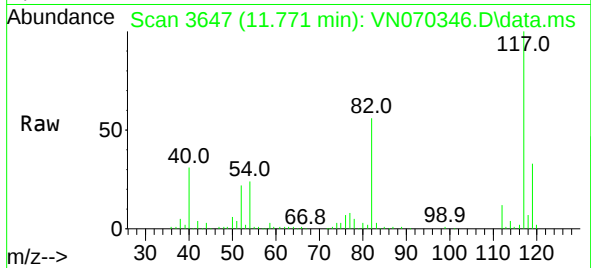




#65
Chlorobenzene
Concen: 0.693 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

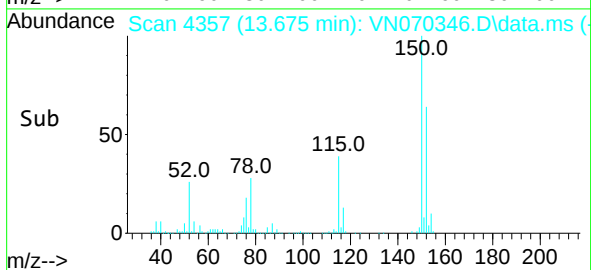
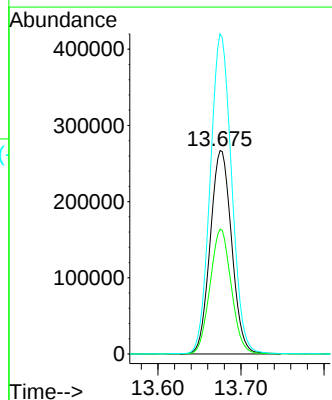
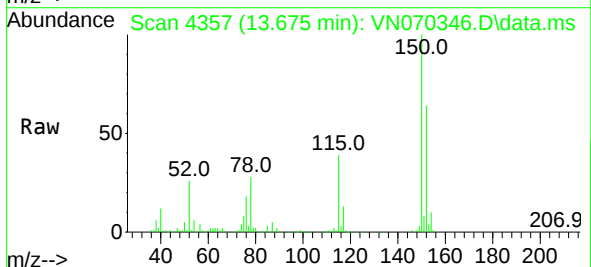
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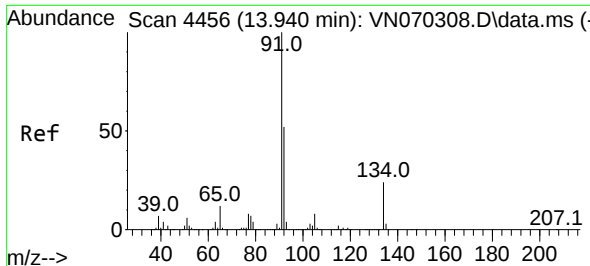
Tgt Ion:112 Resp: 21444
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

Tgt Ion:152 Resp: 479087
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 156.6 0.0 344.4

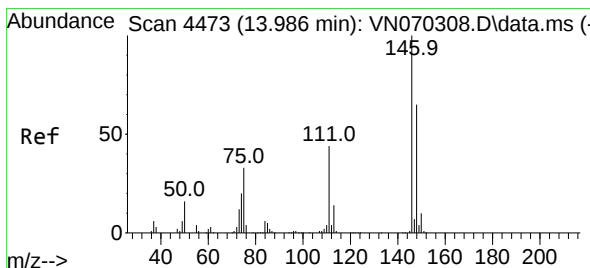
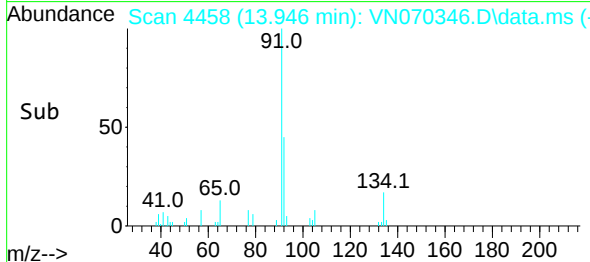
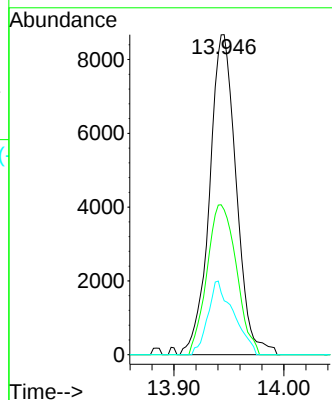
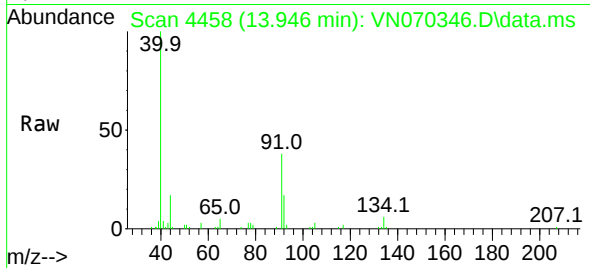




#89
n-Butylbenzene
Concen: 0.524 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.006 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 91 Resp: 14642
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 22.2 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.481 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070346.D
Acq: 29 Dec 2021 14:08

Tgt Ion: 146 Resp: 8063
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.9 32.1 96.3

