

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069641.D
 Acq On : 24 Nov 2021 14:41
 Operator : JC/MD
 Sample : M4815-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Nov 26 06:59:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

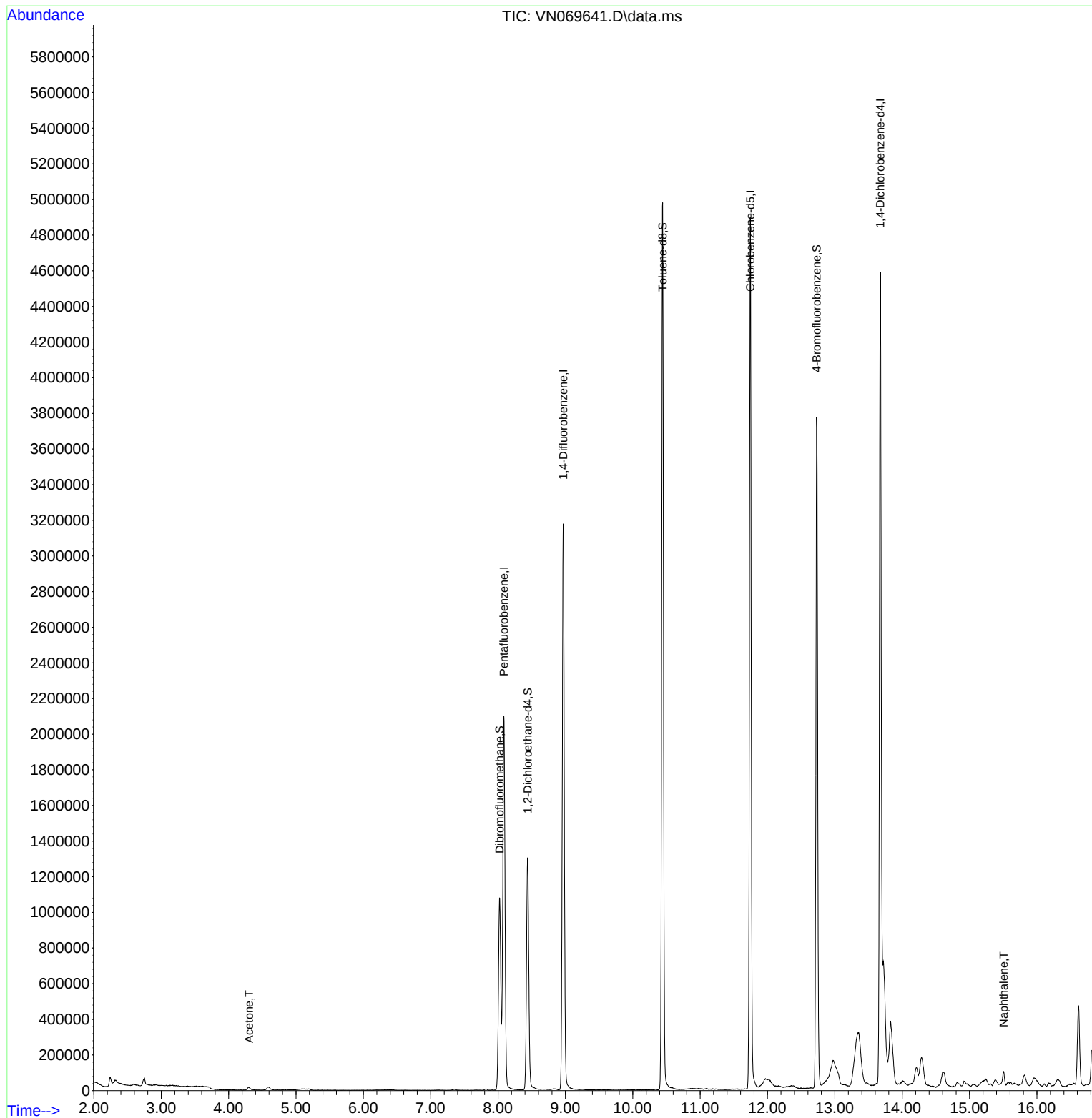
Internal Standards						
1) Pentafluorobenzene	8.088	168	1551666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2695692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2727204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1218101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1138560	50.606	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.220%
35) Dibromofluoromethane	8.024	113	785943	48.612	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.220%
50) Toluene-d8	10.443	98	3405483	53.556	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.731	95	1297994	55.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.140%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	26267	2.164	ug/l	97
95) Naphthalene	15.507	128	68780	5.610	ug/l	99

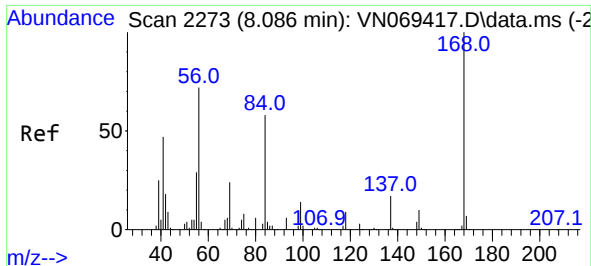
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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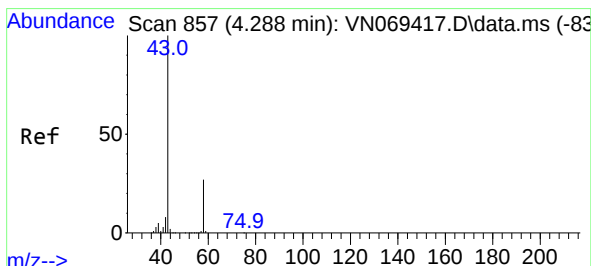
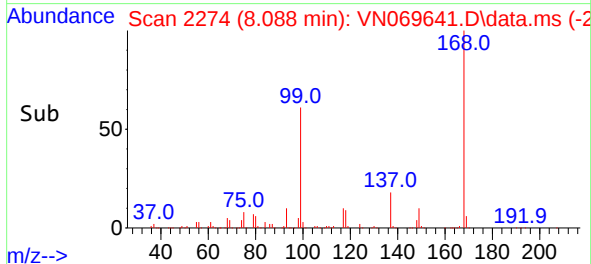
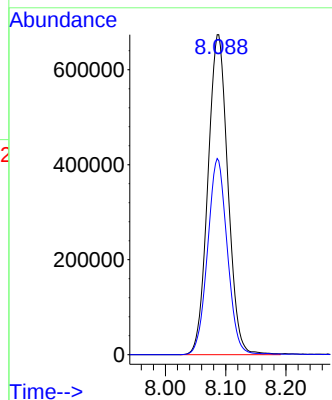
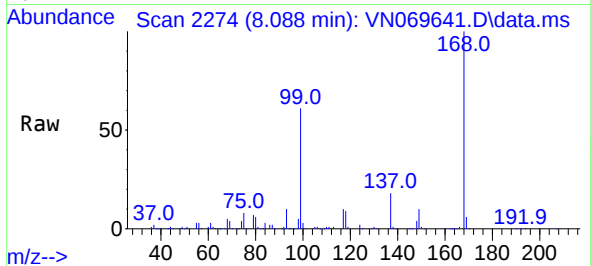




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

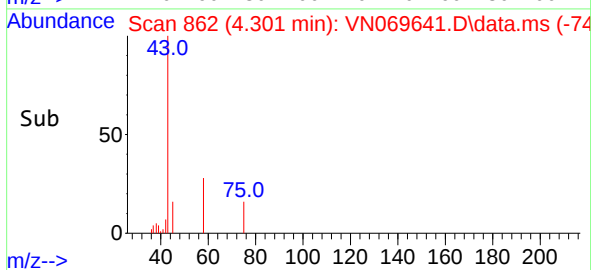
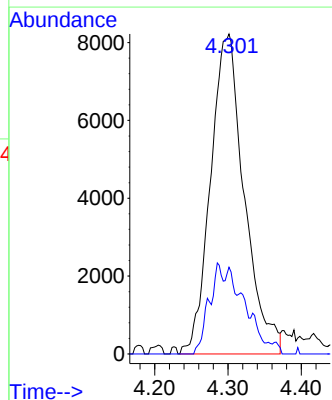
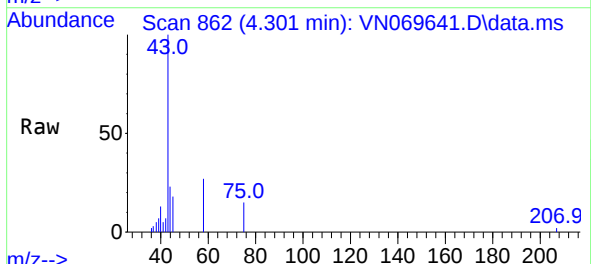
Instrument :
MSVOA_N
ClientSampleId :
MW-7

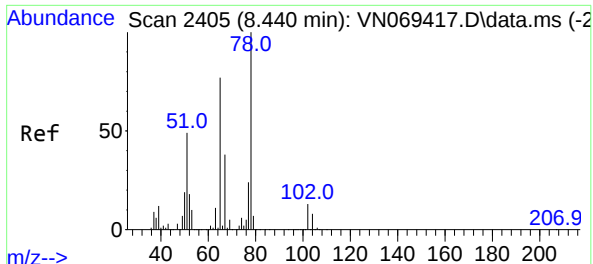
Tgt Ion:168 Resp: 1551666
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#16
Acetone
Concen: 2.164 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

Tgt Ion: 43 Resp: 26267
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.606 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069641.D

Acq: 24 Nov 2021 14:41

Instrument :

MSVOA_N

ClientSampleId :

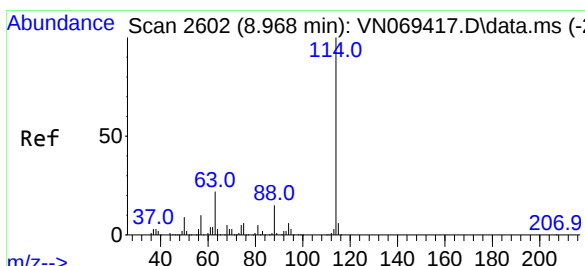
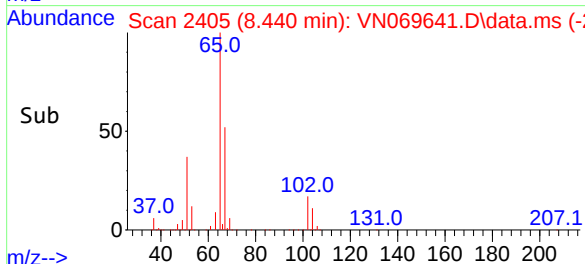
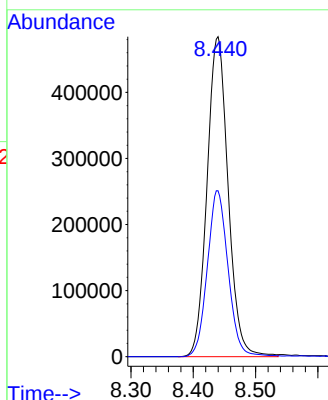
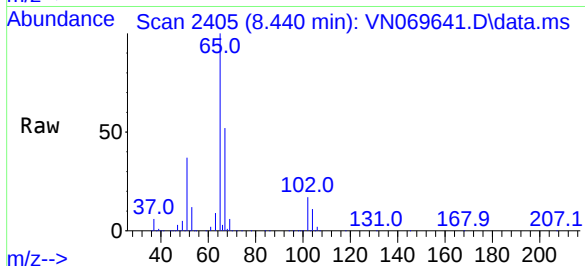
MW-7

Tgt Ion: 65 Resp: 1138560

Ion Ratio Lower Upper

65 100

67 51.1 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: VN069641.D

Acq: 24 Nov 2021 14:41

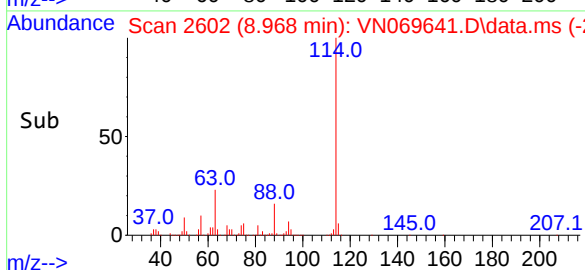
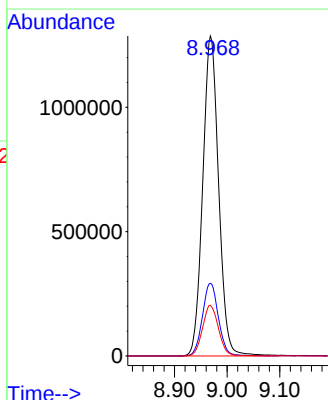
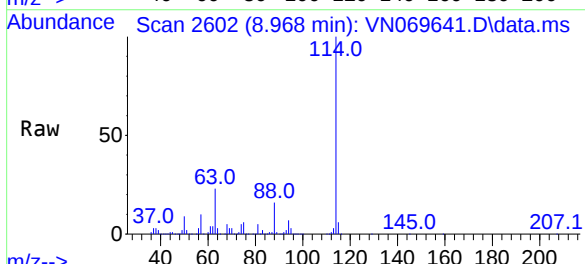
Tgt Ion: 114 Resp: 2695692

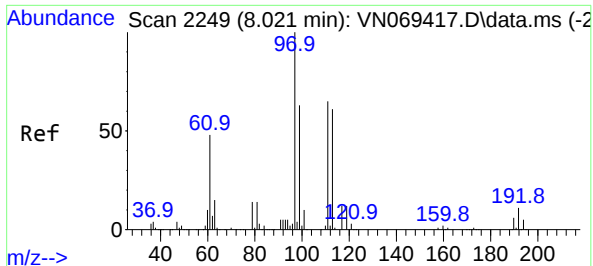
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 15.8 0.0 27.4

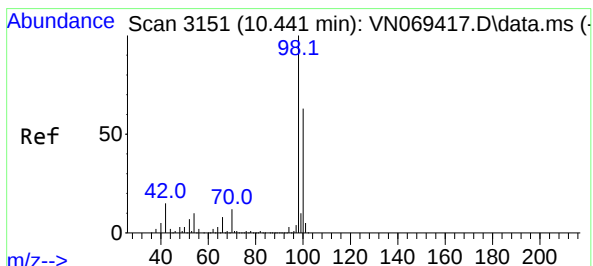
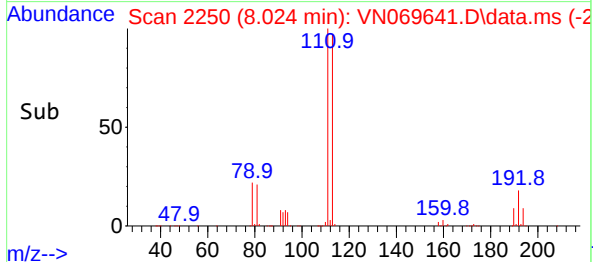
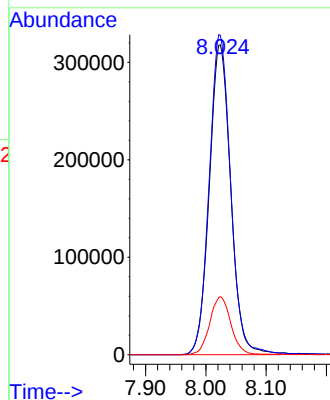
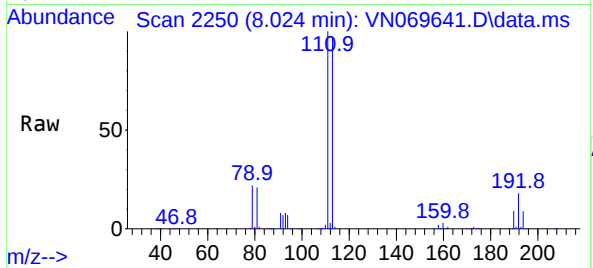




#35
Dibromofluoromethane
Concen: 48.612 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

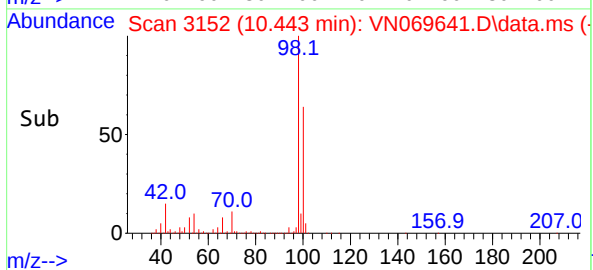
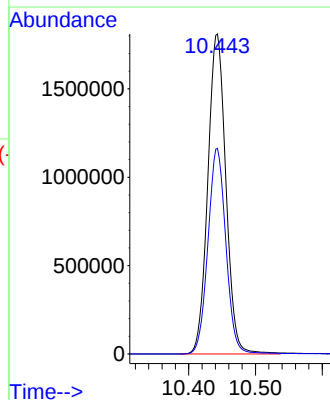
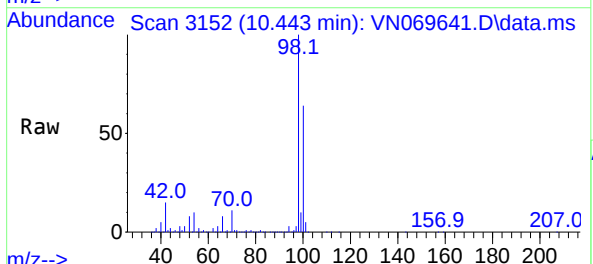
Instrument :
MSVOA_N
ClientSampleId :
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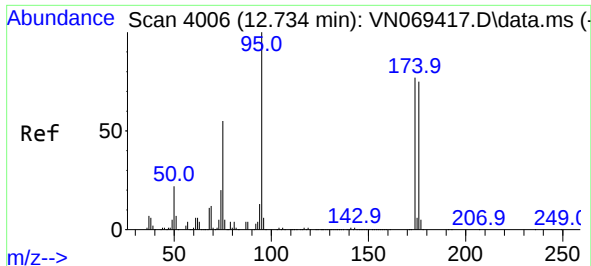
Tgt Ion:113 Resp: 785943
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.4 16.9 25.3



#50
Toluene-d8
Concen: 53.556 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

Tgt Ion: 98 Resp: 3405483
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

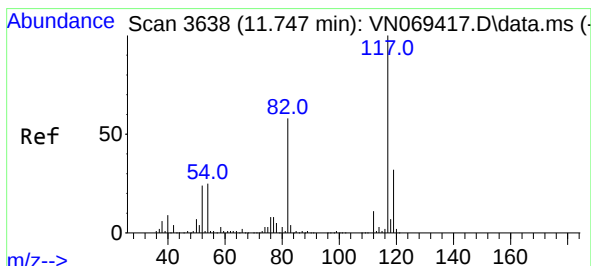
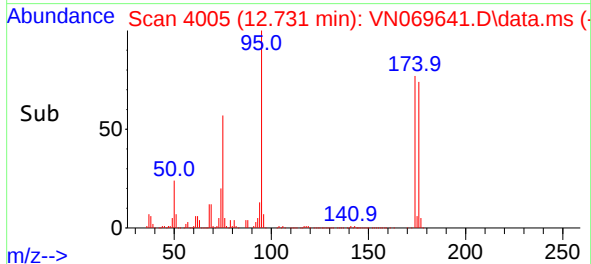
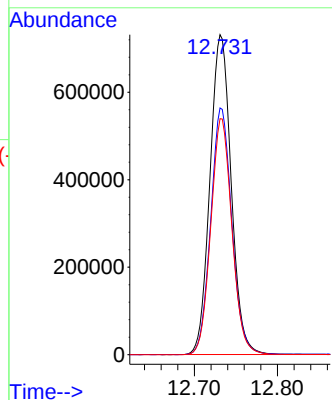
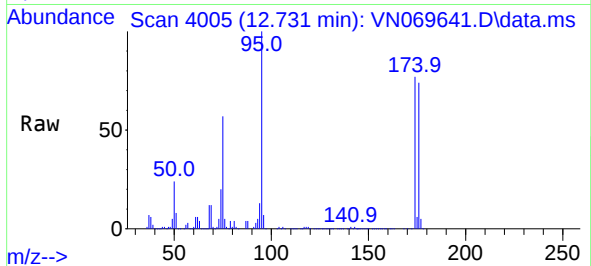




#62
4-Bromofluorobenzene
Concen: 55.566 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

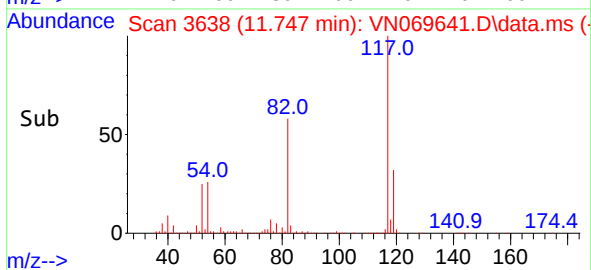
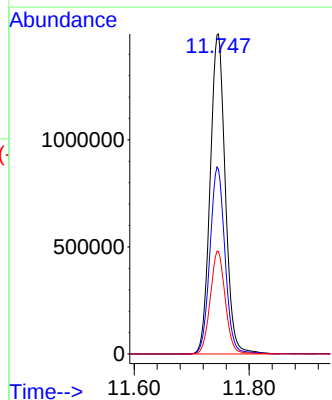
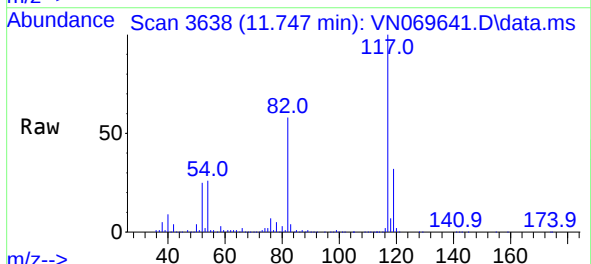
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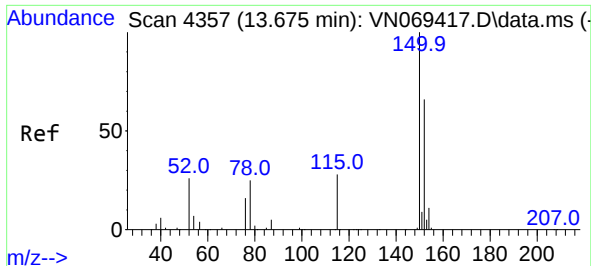
Tgt Ion: 95 Resp: 1297994
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 73.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

Tgt Ion: 117 Resp: 2727204
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.0 25.4 38.2

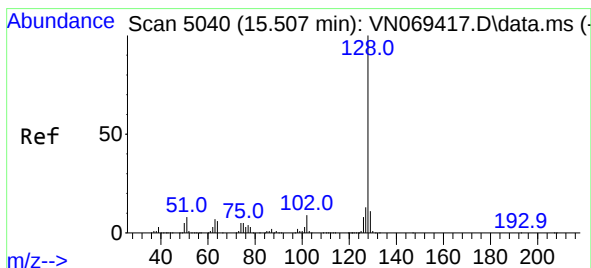
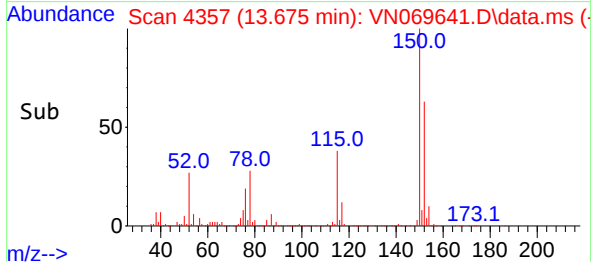
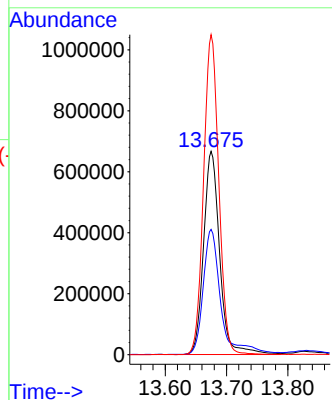
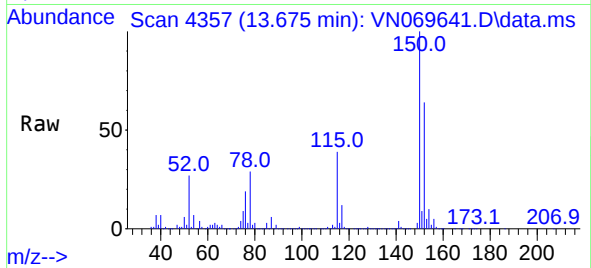




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 1218101
Ion Ratio Lower Upper
152 100
115 67.3 27.5 82.5
150 148.4 0.0 344.4



#95
Naphthalene
Concen: 5.610 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069641.D
Acq: 24 Nov 2021 14:41

Tgt Ion:128 Resp: 68780
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 10.8 8.7 13.1

