

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069644.D
 Acq On : 24 Nov 2021 15:57
 Operator : JC/MD
 Sample : M4815-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: Nov 26 07:00:12 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)

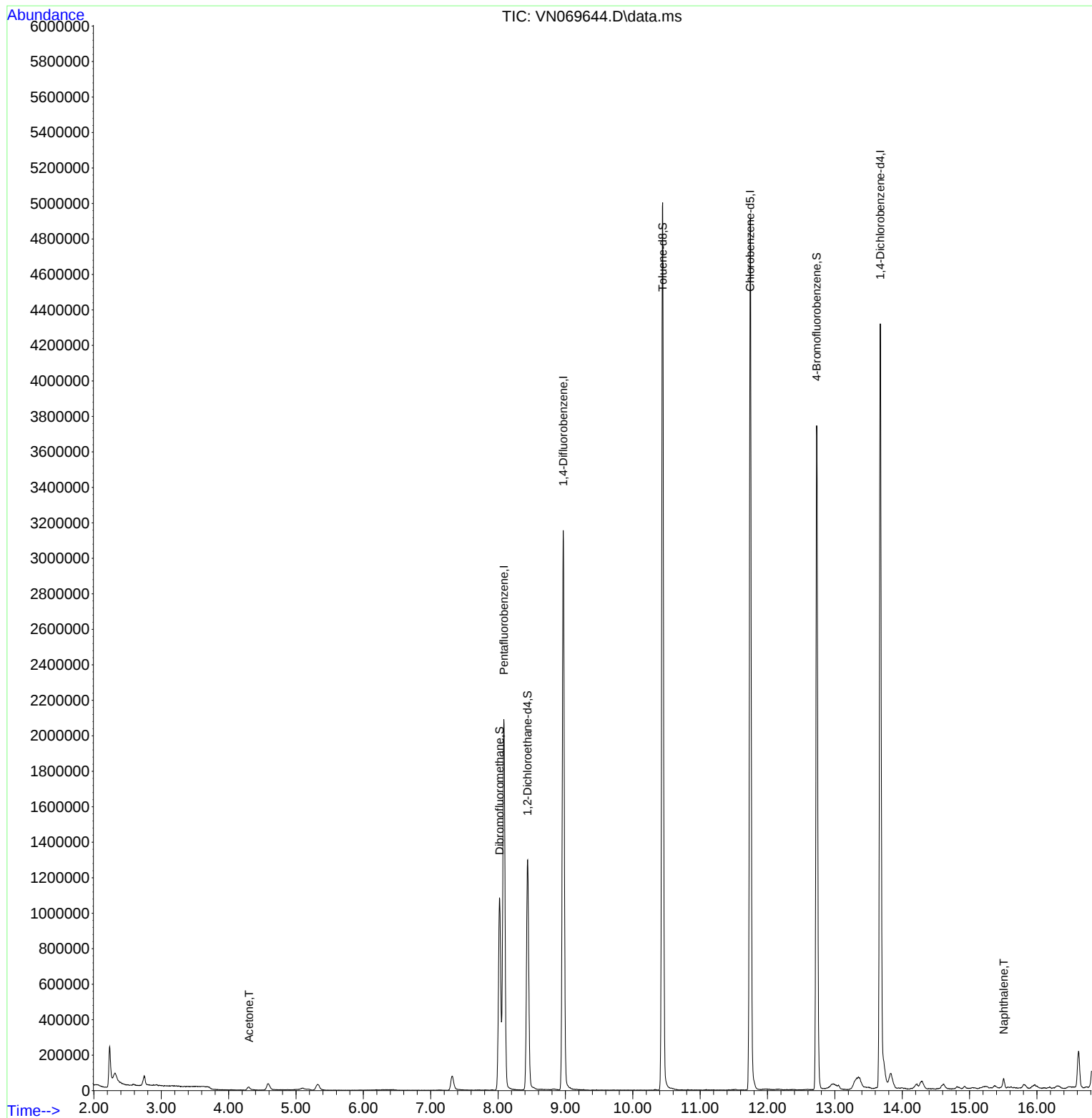
Internal Standards						
1) Pentafluorobenzene	8.086	168	1570351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2691454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2742163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1127541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1125570	49.434	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.860%
35) Dibromofluoromethane	8.024	113	791756	49.049	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.100%
50) Toluene-d8	10.443	98	3412724	53.755	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.731	95	1293569	55.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.920%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	26421	2.151	ug/l	92
95) Naphthalene	15.507	128	47278	5.312	ug/l	95

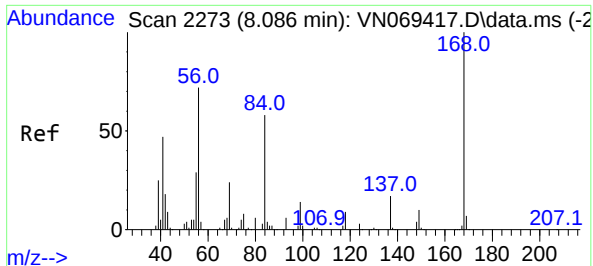
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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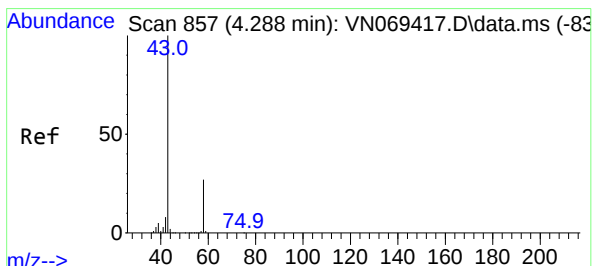
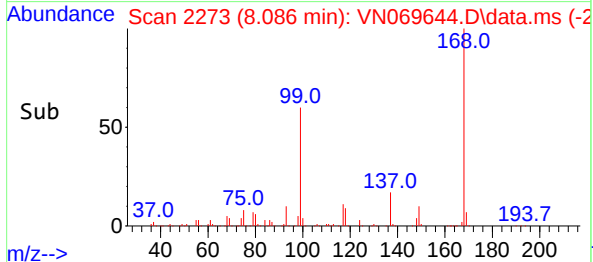
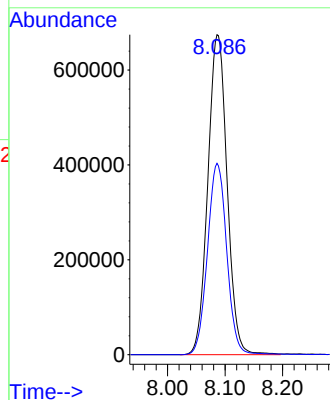
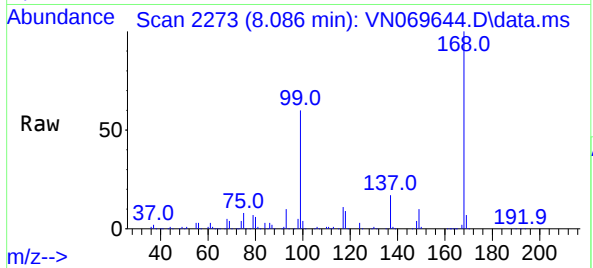




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

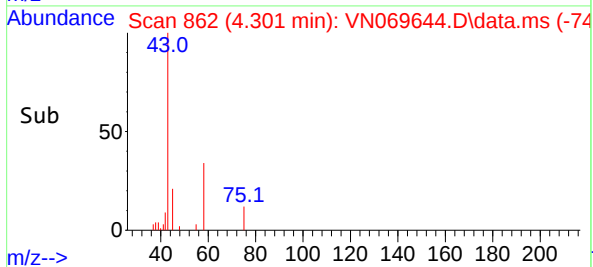
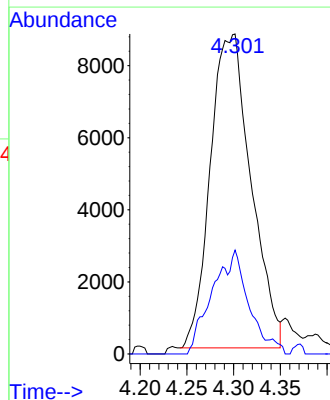
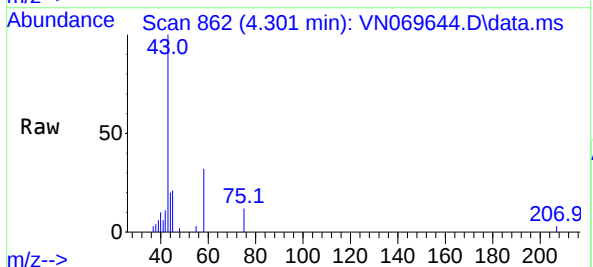
Instrument :
MSVOA_N
ClientSampleId :
FB

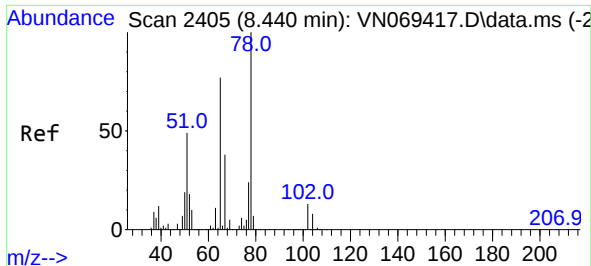
Tgt Ion:168 Resp: 1570351
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#16
Acetone
Concen: 2.151 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

Tgt Ion: 43 Resp: 26421
Ion Ratio Lower Upper
43 100
58 33.1 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 49.434 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069644.D

Acq: 24 Nov 2021 15:57

Instrument :

MSVOA_N

ClientSampleId :

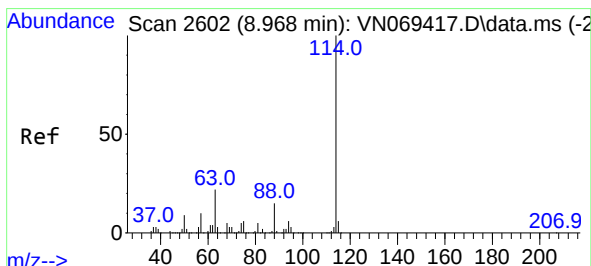
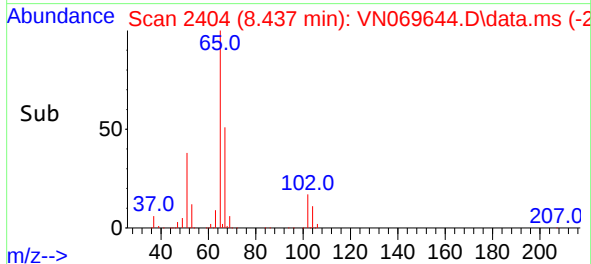
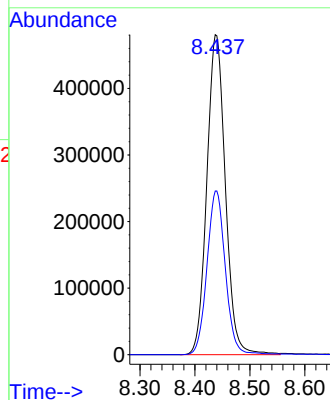
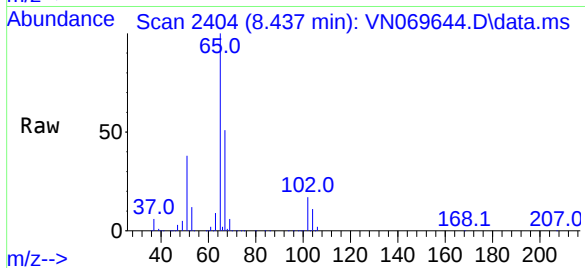
FB

Tgt Ion: 65 Resp: 1125570

Ion Ratio Lower Upper

65 100

67 50.9 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: VN069644.D

Acq: 24 Nov 2021 15:57

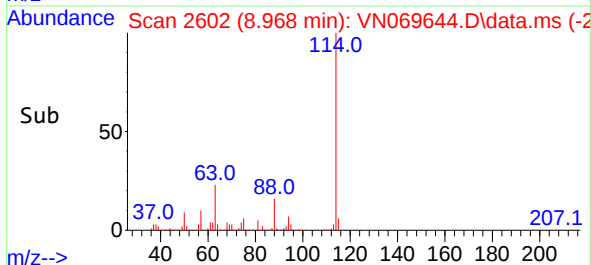
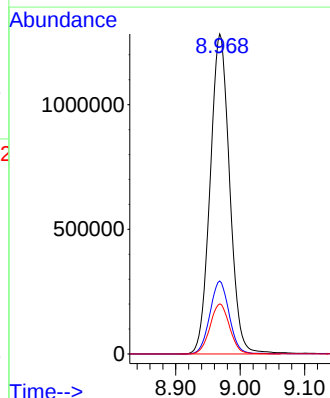
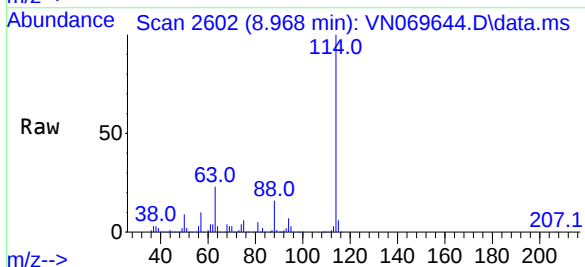
Tgt Ion: 114 Resp: 2691454

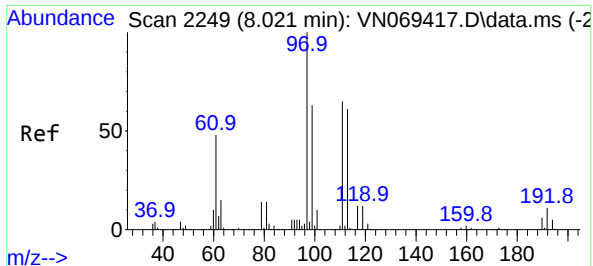
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 15.6 0.0 27.4

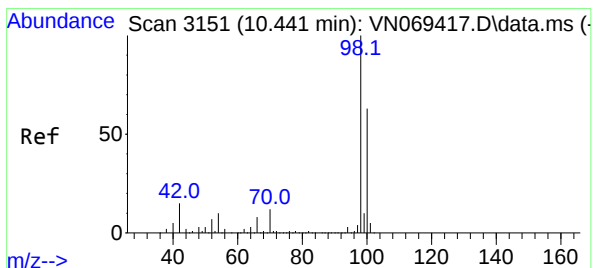
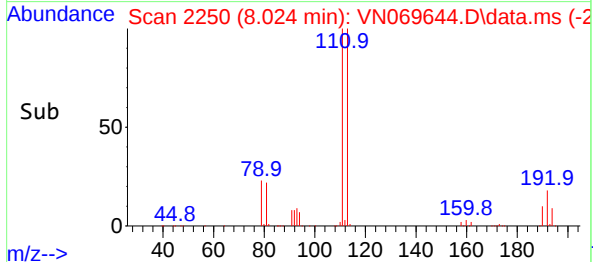
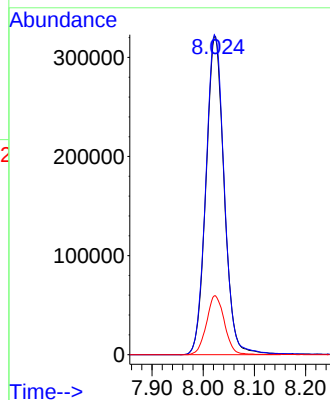
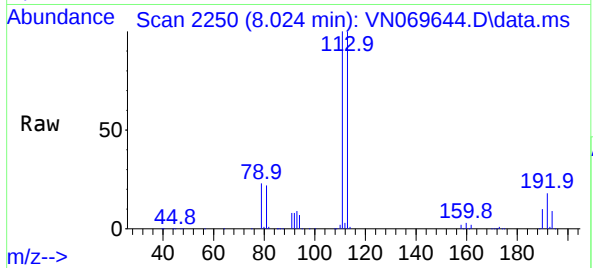




#35
Dibromofluoromethane
Concen: 49.049 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

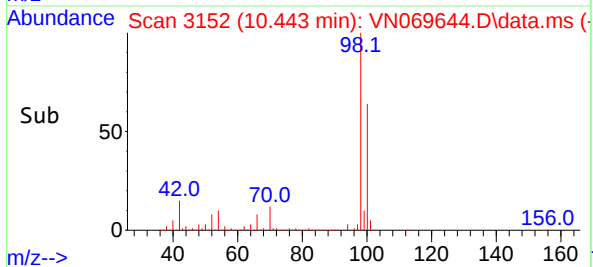
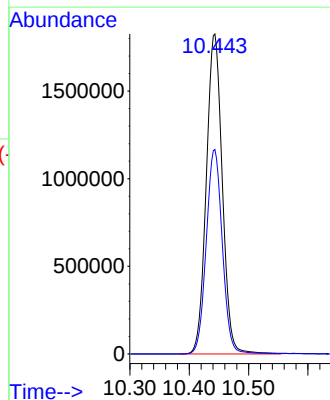
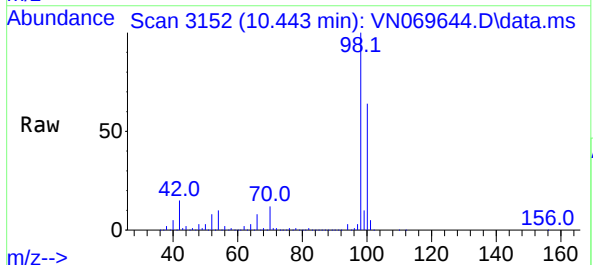
Instrument :
MSVOA_N
ClientSampleId :
FB

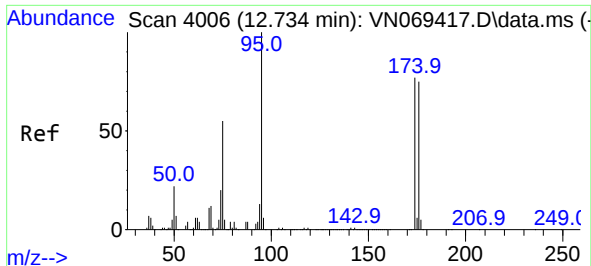
Tgt Ion:113 Resp: 791756
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 18.4 16.9 25.3



#50
Toluene-d8
Concen: 53.755 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

Tgt Ion: 98 Resp: 3412724
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

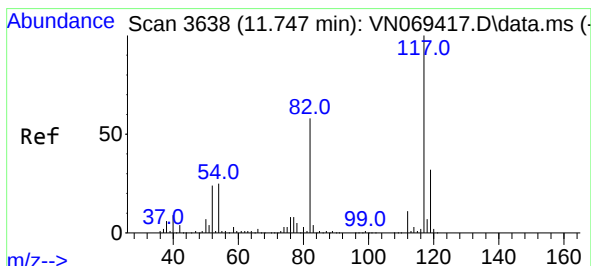
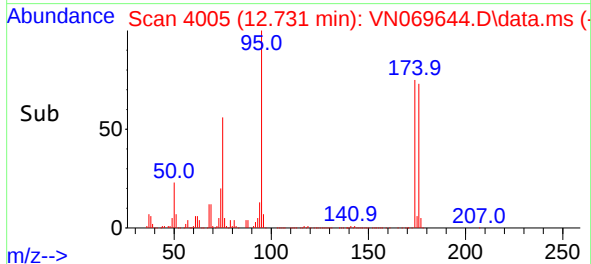
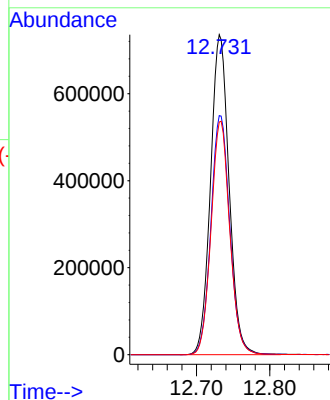
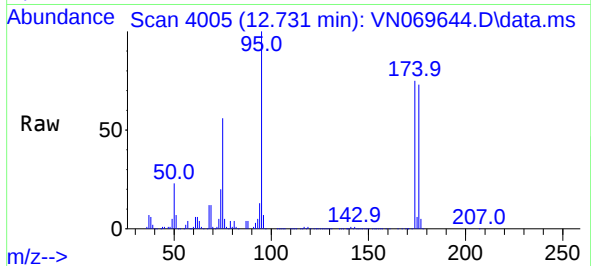




#62
4-Bromofluorobenzene
Concen: 55.464 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

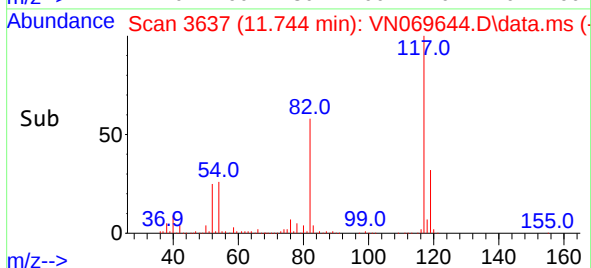
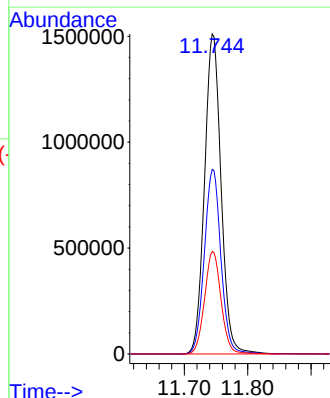
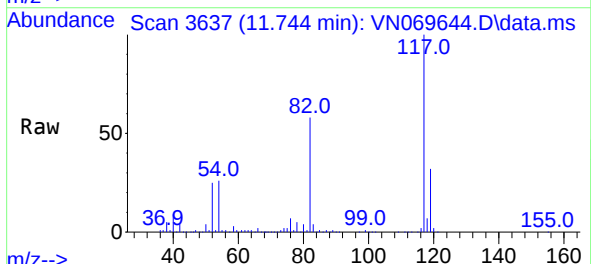
Instrument :
MSVOA_N
ClientSampleId :
FB

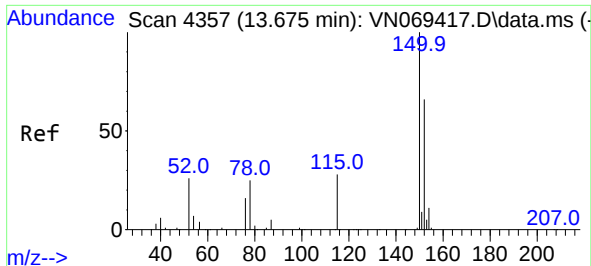
Tgt Ion: 95 Resp: 1293569
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

Tgt Ion: 117 Resp: 2742163
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.0 25.4 38.2

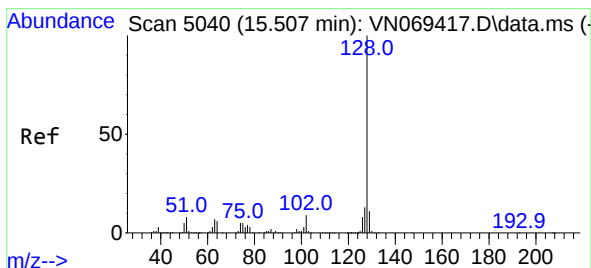
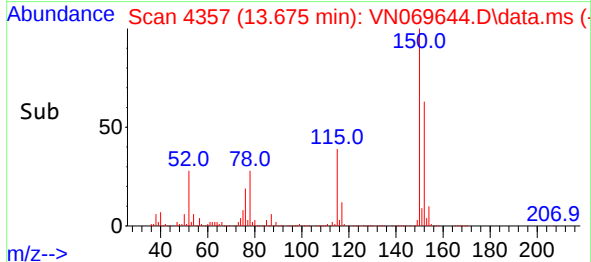
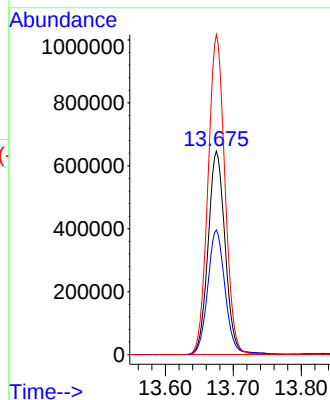
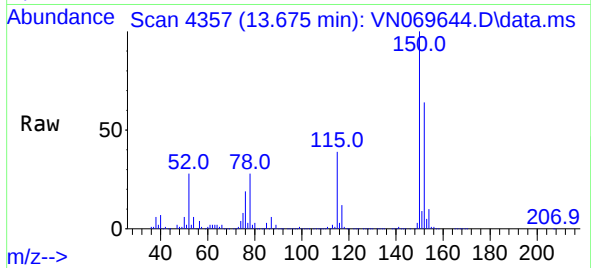




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

Instrument :
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ClientSampleId :
FB

Tgt Ion:152 Resp: 1127541
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 155.9 0.0 344.4



#95
Naphthalene
Concen: 5.312 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069644.D
Acq: 24 Nov 2021 15:57

Tgt Ion:128 Resp: 47278
Ion Ratio Lower Upper
128 100
127 14.9 10.5 15.7
129 12.6 8.7 13.1

