

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070411.D
 Acq On : 30 Dec 2021 20:14
 Operator : JC/MD
 Sample : M5234-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-23-21

Quant Time: Dec 31 05:23:40 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)

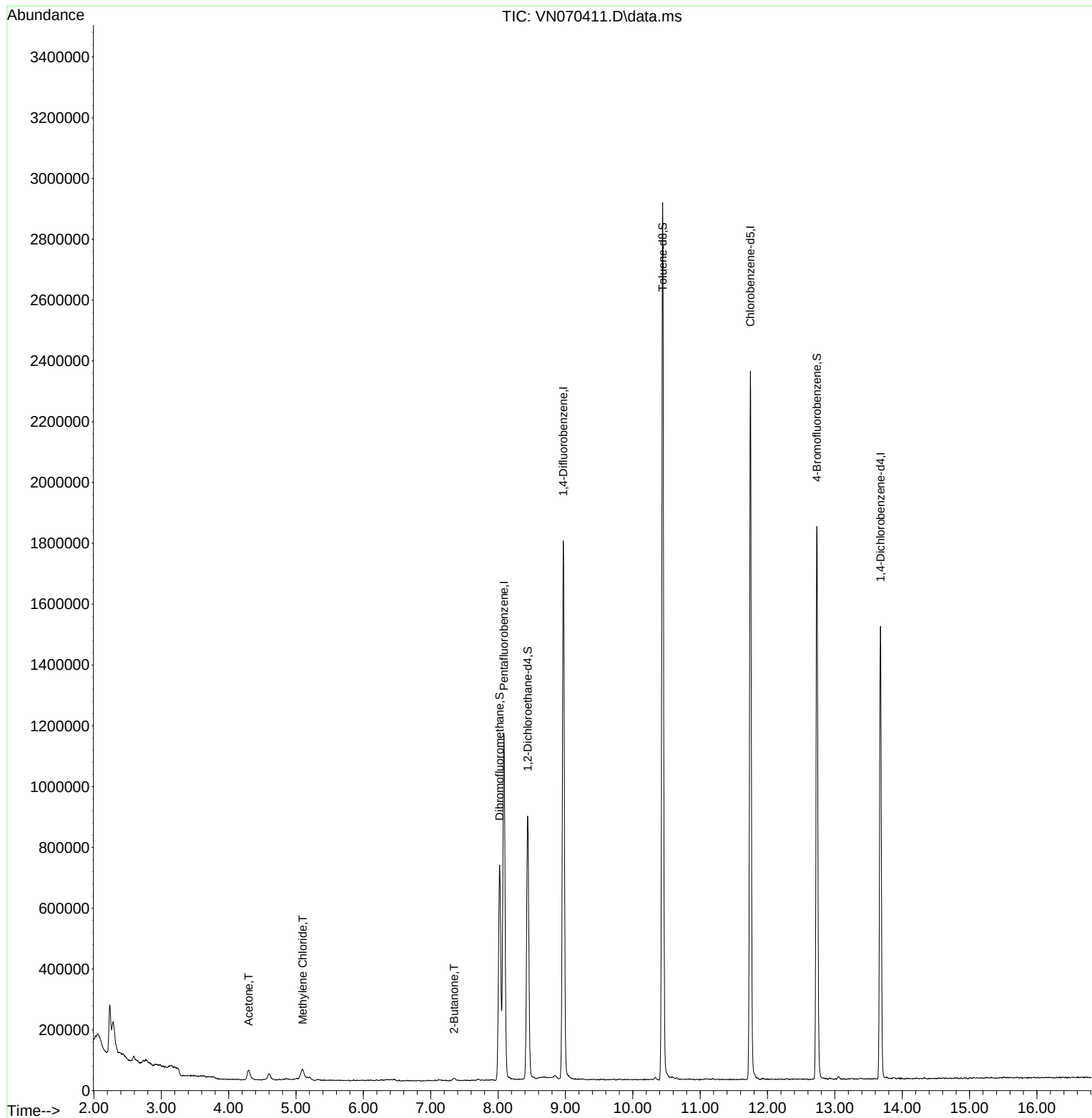
Internal Standards						
1) Pentafluorobenzene	8.088	168	871062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1512243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1336480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	419629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	731481	58.405	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.820%
35) Dibromofluoromethane	8.024	113	520431	56.879	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	113.760%
50) Toluene-d8	10.443	98	1986254	53.140	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.734	95	659596	48.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.720%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	57642	7.090	ug/l	98
20) Methylene Chloride	5.098	84	21669	1.926	ug/l #	86
25) 2-Butanone	7.346	43	9502	0.928	ug/l	95

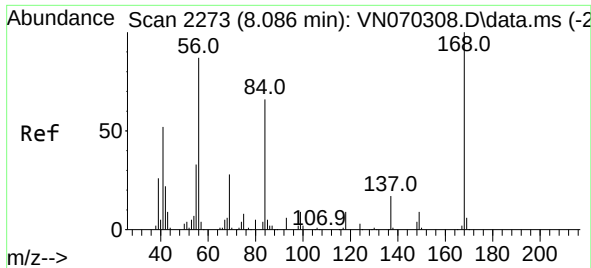
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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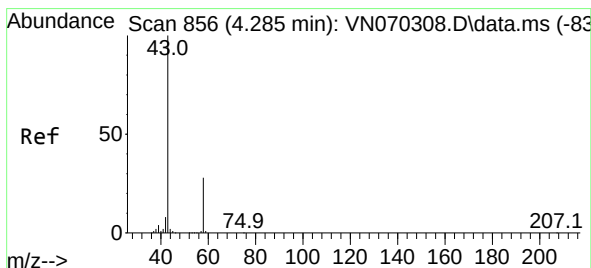
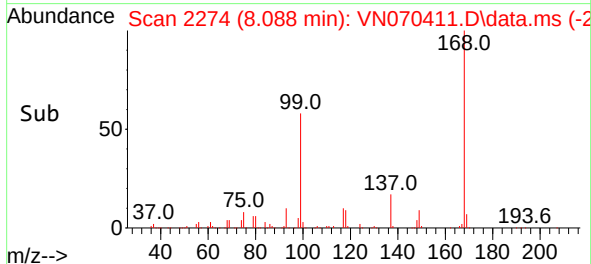
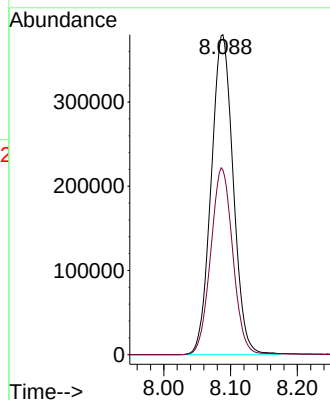
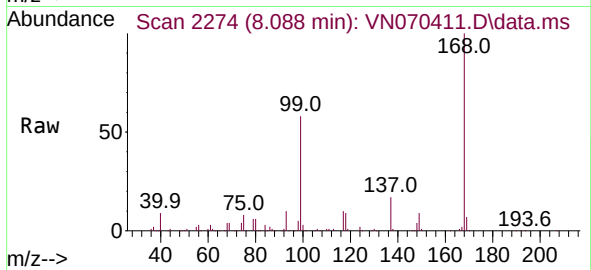




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

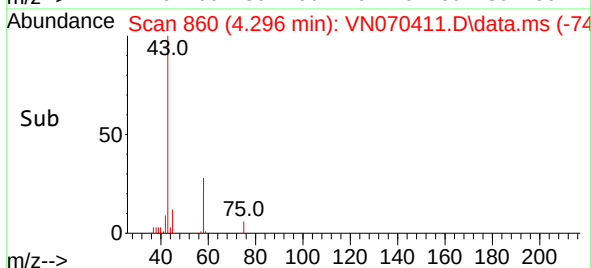
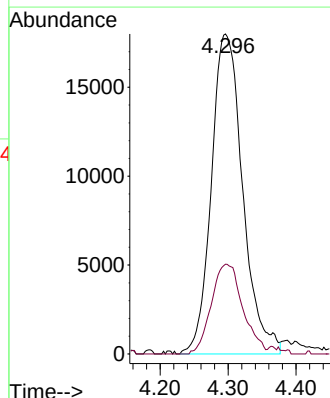
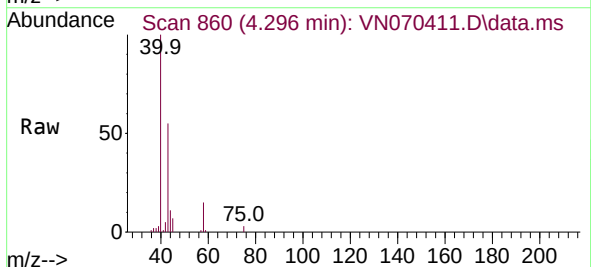
Instrument :
MSVOA_N
ClientSampleId :
TB-12-23-21

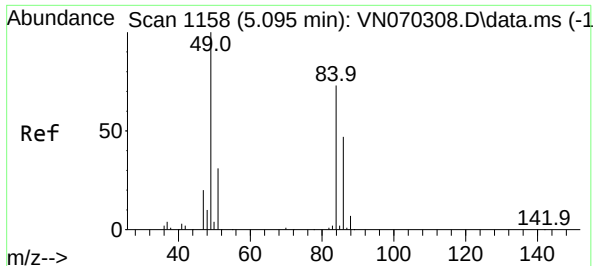
Tgt Ion:168 Resp: 871062
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#16
Acetone
Concen: 7.090 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

Tgt Ion: 43 Resp: 57642
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7

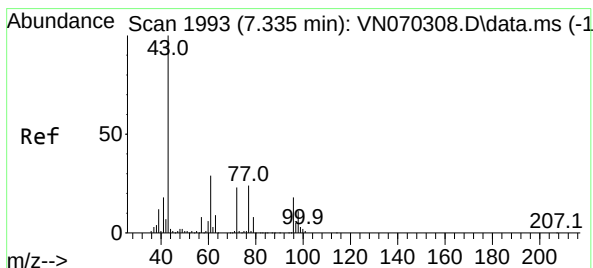
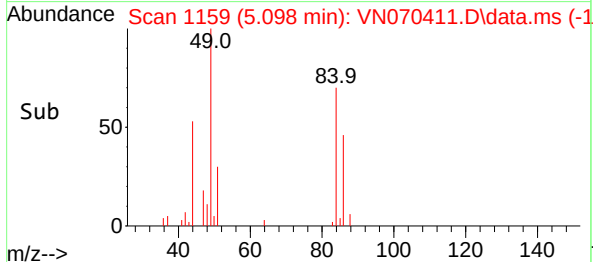
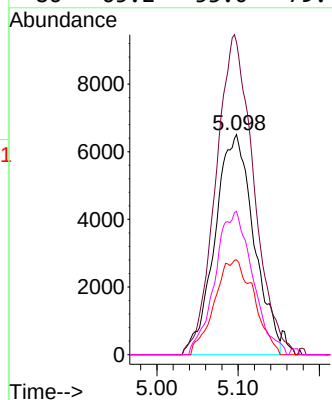
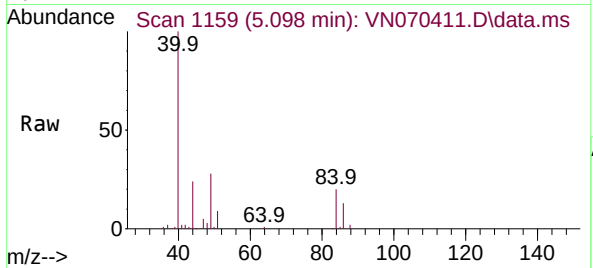




#20
Methylene Chloride
Concen: 1.926 ug/l
RT: 5.098 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

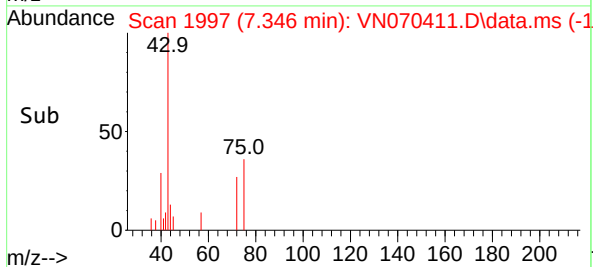
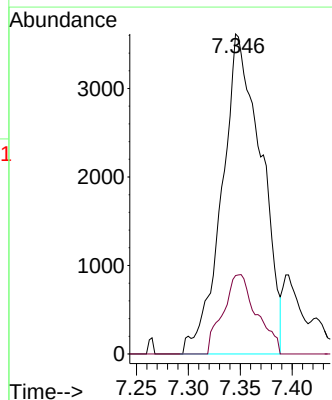
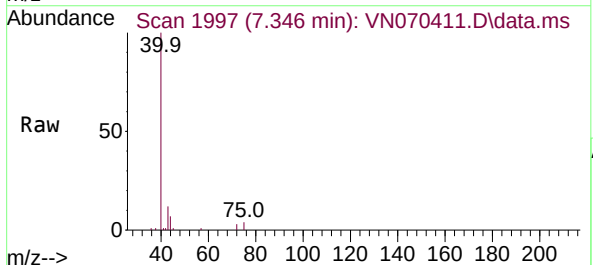
Instrument :
MSVOA_N
ClientSampleId :
TB-12-23-21

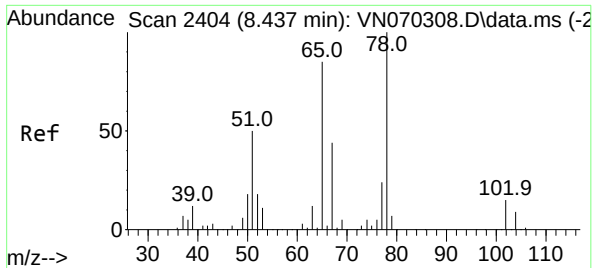
Tgt Ion: 84 Resp: 21669
Ion Ratio Lower Upper
84 100
49 142.0 93.5 140.3#
51 43.1 29.4 44.2
86 65.2 53.0 79.4



#25
2-Butanone
Concen: 0.928 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.011 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

Tgt Ion: 43 Resp: 9502
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 58.405 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070411.D

Acq: 30 Dec 2021 20:14

Instrument :

MSVOA_N

ClientSampleId :

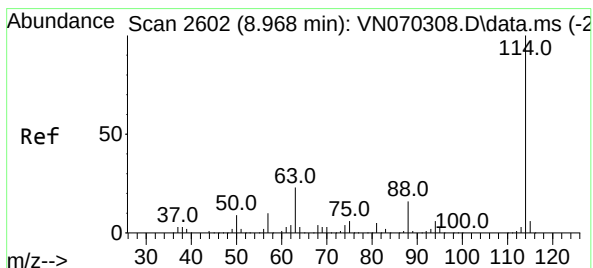
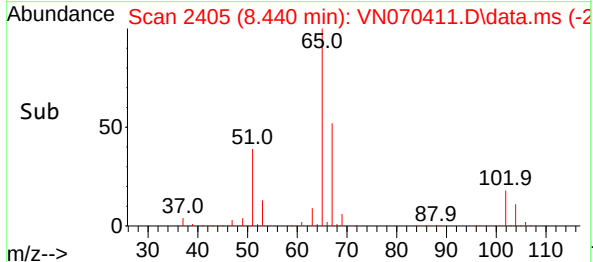
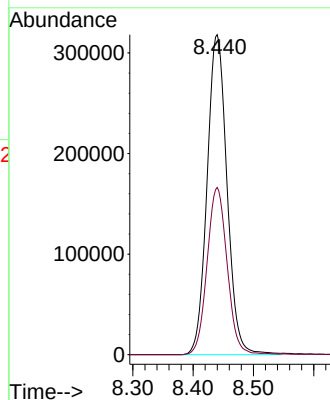
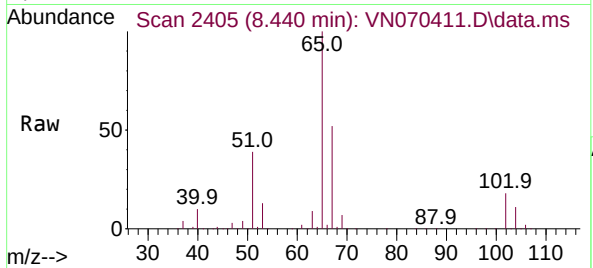
TB-12-23-21

Tgt Ion: 65 Resp: 731481

Ion Ratio Lower Upper

65 100

67 52.4 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: VN070411.D

Acq: 30 Dec 2021 20:14

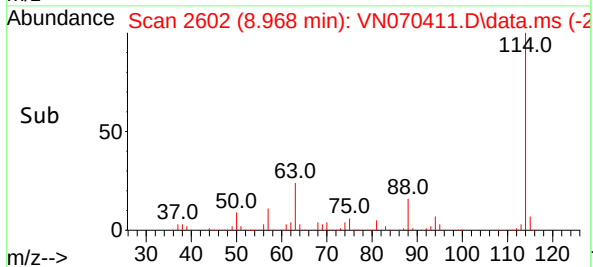
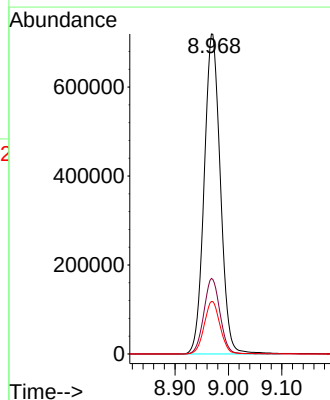
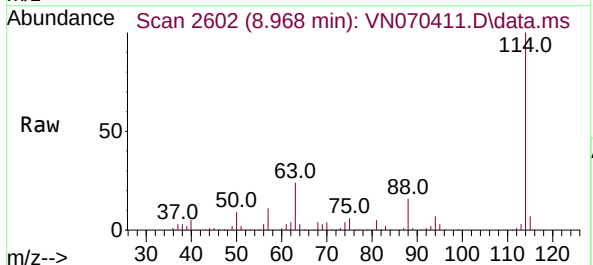
Tgt Ion: 114 Resp: 1512243

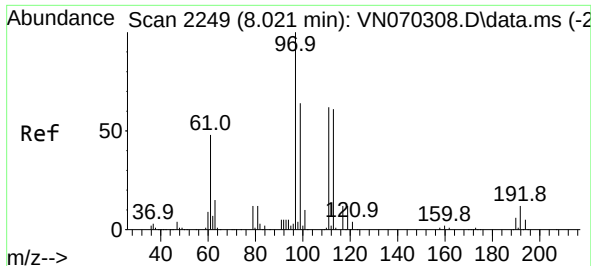
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.4 0.0 27.4

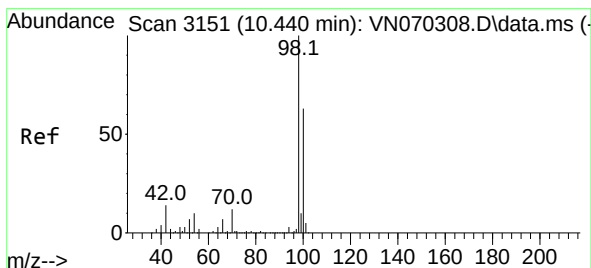
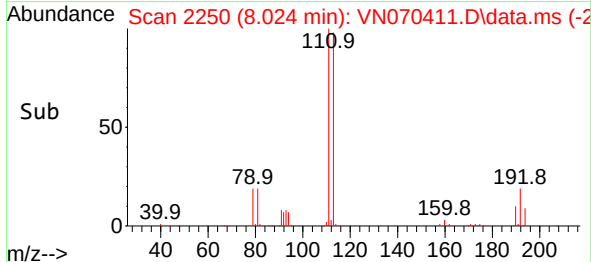
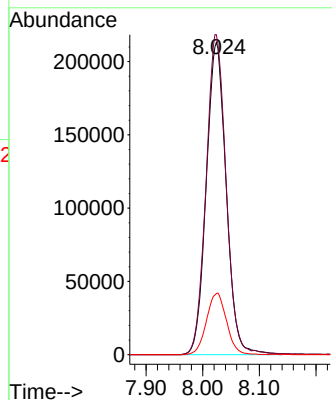
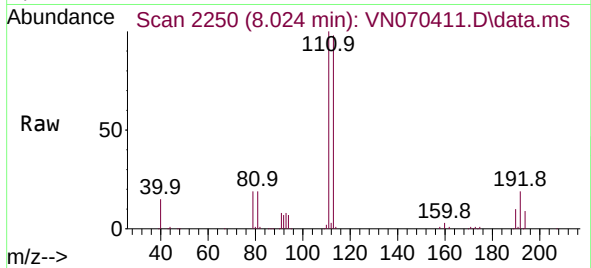




#35
Dibromofluoromethane
Concen: 56.879 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

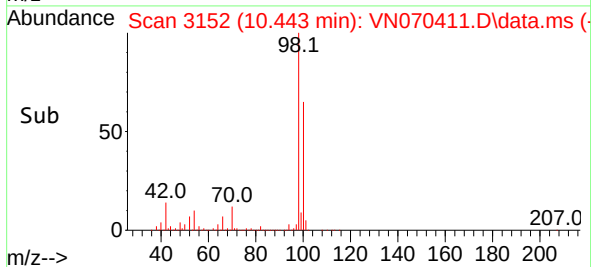
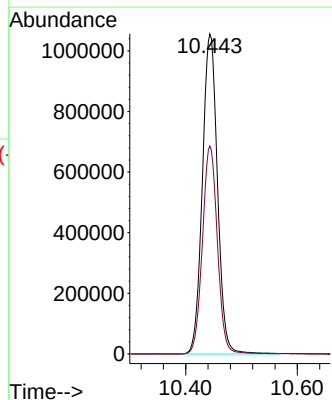
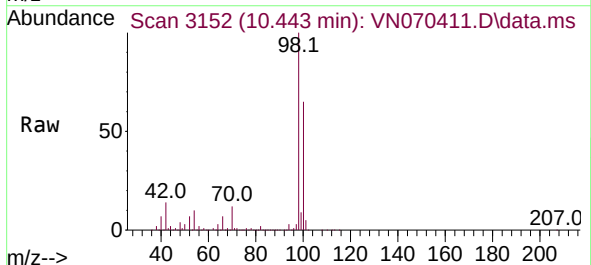
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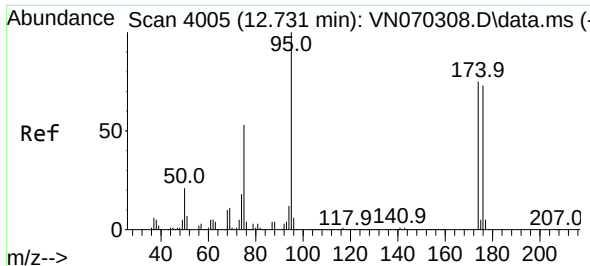
Tgt Ion:113 Resp: 520431
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 53.140 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

Tgt Ion: 98 Resp: 1986254
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

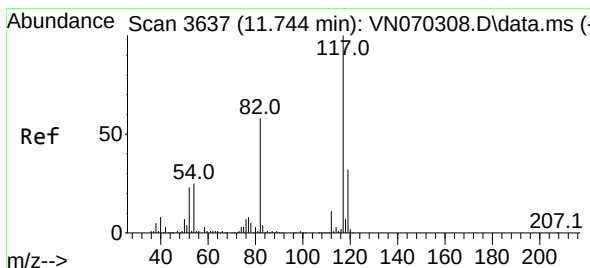
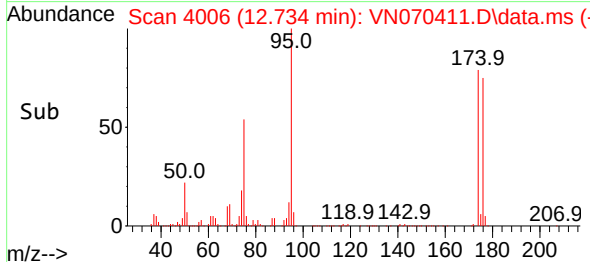
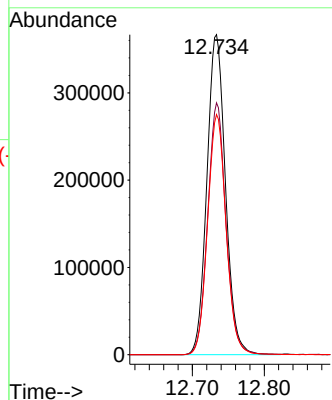
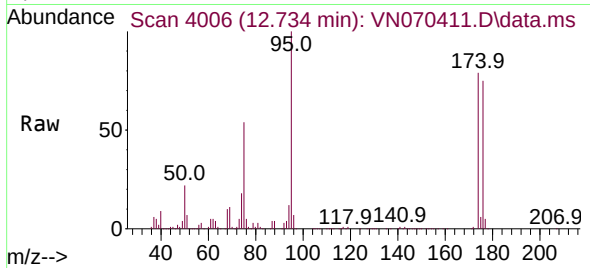




#62
4-Bromofluorobenzene
Concen: 48.858 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

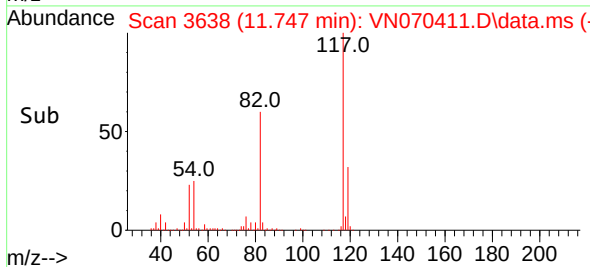
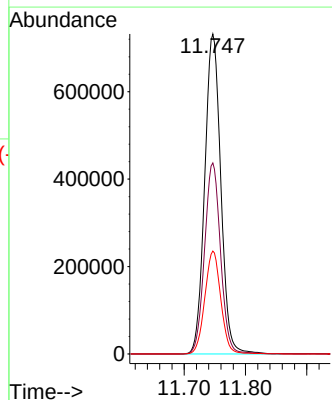
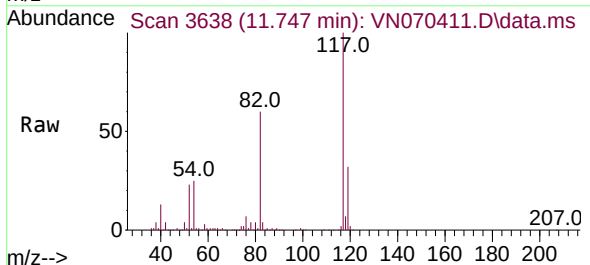
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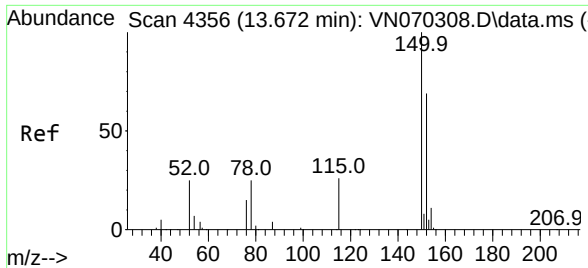
Tgt Ion: 95 Resp: 659596
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 74.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070411.D
Acq: 30 Dec 2021 20:14

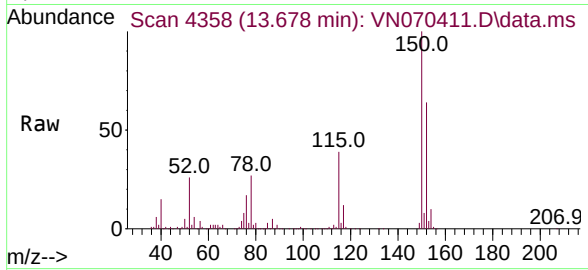
Tgt Ion: 117 Resp: 1336480
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN070411.D
 Acq: 30 Dec 2021 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-23-21



Tgt Ion:152 Resp: 419629

Ion	Ratio	Lower	Upper
152	100		
115	60.3	27.5	82.5
150	156.9	0.0	344.4

