

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069894.D
 Acq On : 9 Dec 2021 6:02
 Operator : JC/MD
 Sample : M4959-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3S

Quant Time: Dec 09 11:59:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

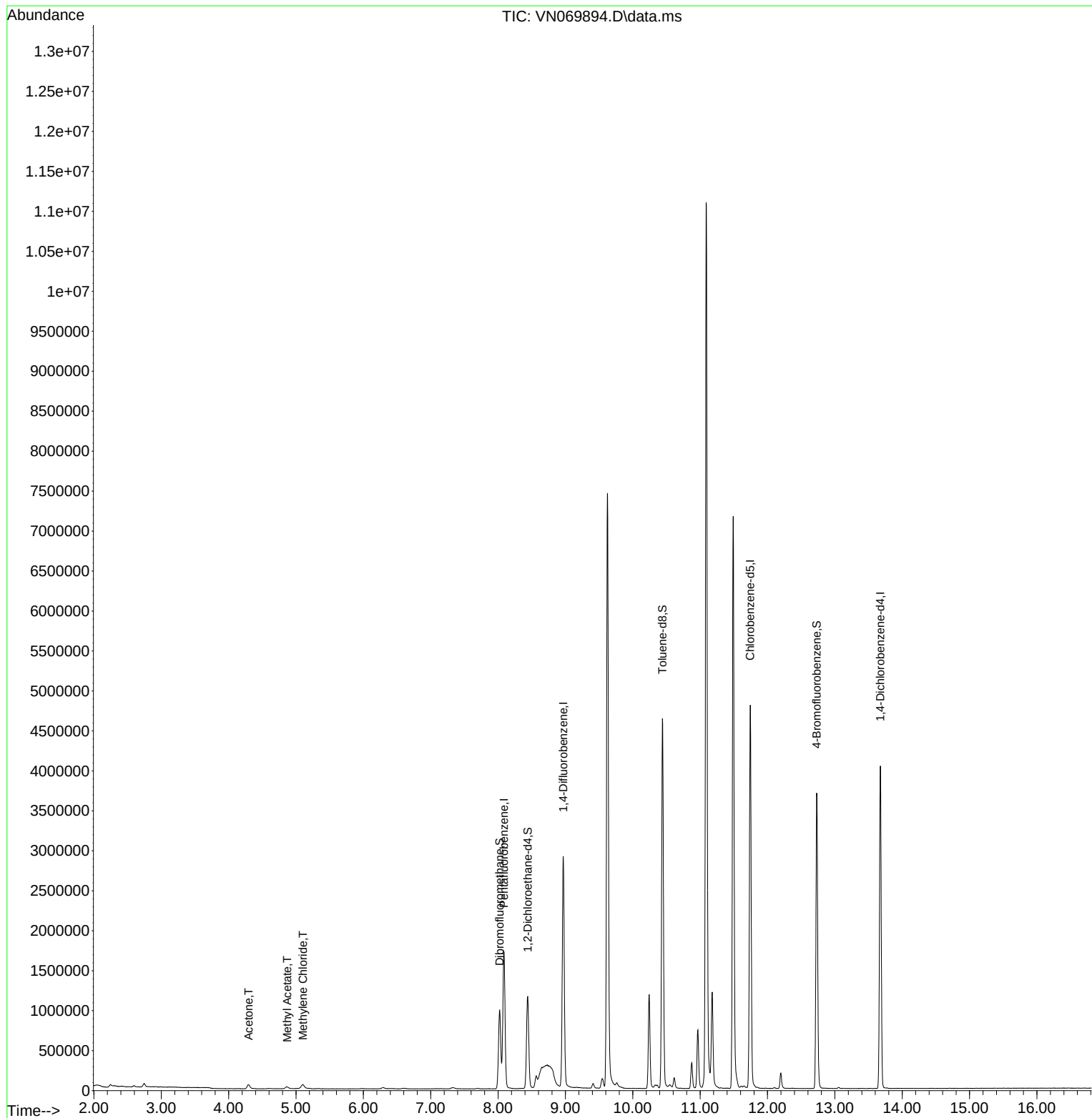
Internal Standards						
1) Pentafluorobenzene	8.088	168	1261446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2404728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2667981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1070191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1012080	51.964	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.920%			
35) Dibromofluoromethane	8.024	113	707091	46.943	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.880%			
50) Toluene-d8	10.440	98	3120070	51.587	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.731	95	1283698	58.586	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.180%			
Target Compounds						
16) Acetone	4.296	43	97289	8.304	ug/l	90
18) Methyl Acetate	4.870	43	54117	1.530	ug/l	90
20) Methylene Chloride	5.103	84	35366	2.271	ug/l	84

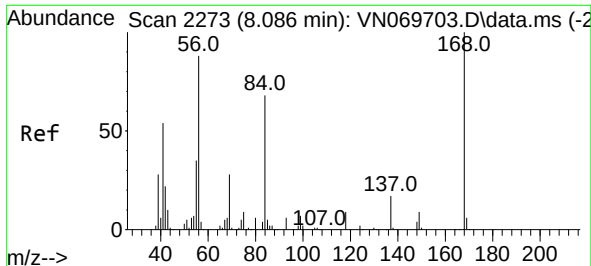
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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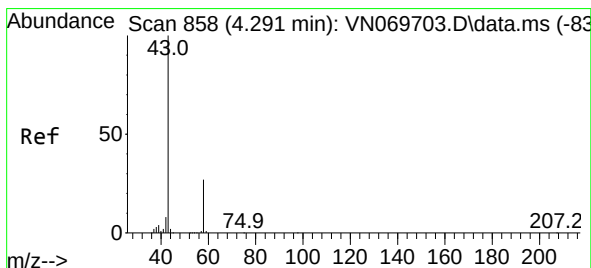
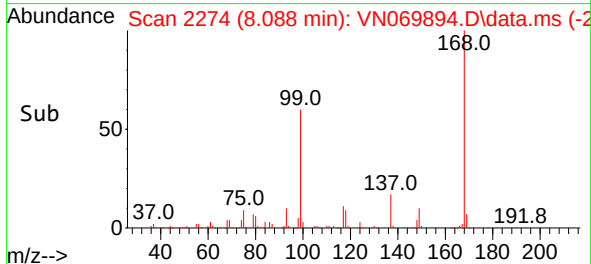
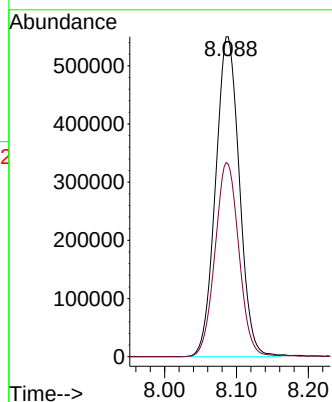
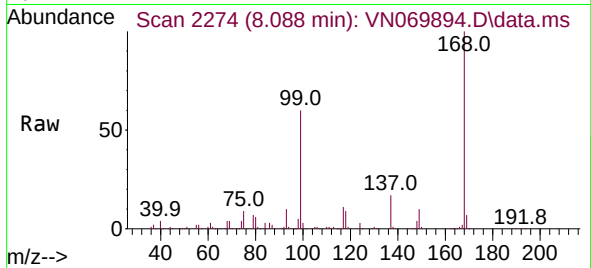




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

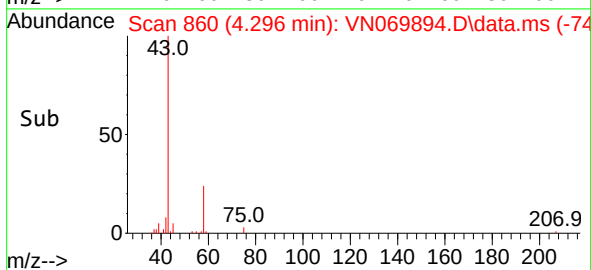
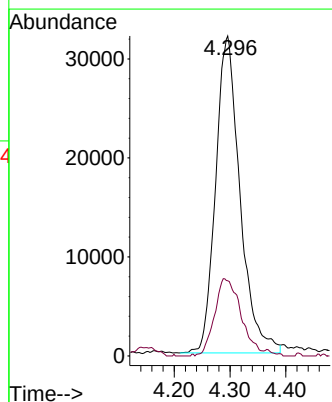
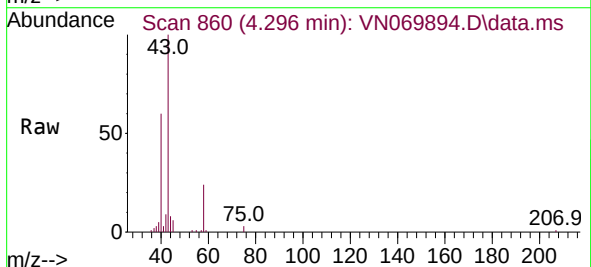
Instrument :
MSVOA_N
ClientSampleId :
TP-3S

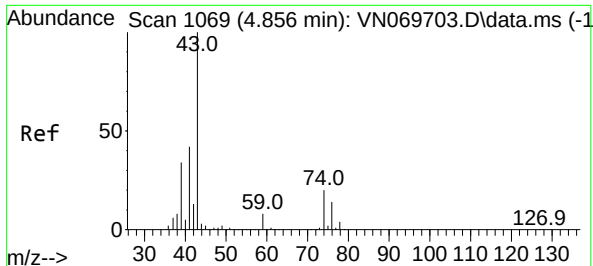
Tgt Ion:168 Resp: 1261446
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 8.304 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

Tgt Ion: 43 Resp: 97289
Ion Ratio Lower Upper
43 100
58 23.7 23.1 34.7

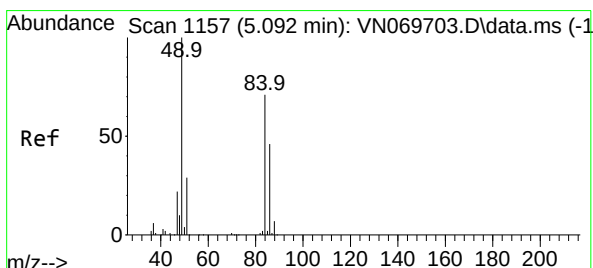
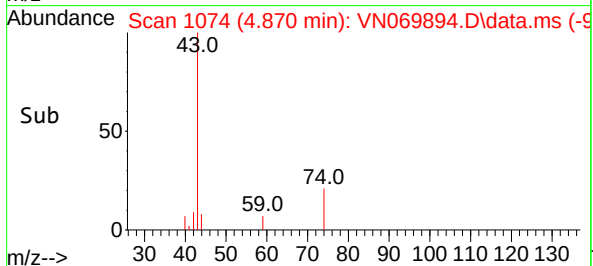
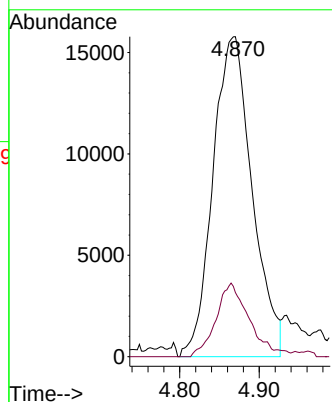
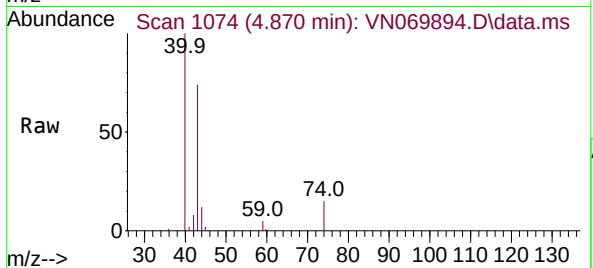




#18
Methyl Acetate
Concen: 1.530 ug/l
RT: 4.870 min Scan# 1069
Delta R.T. 0.013 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

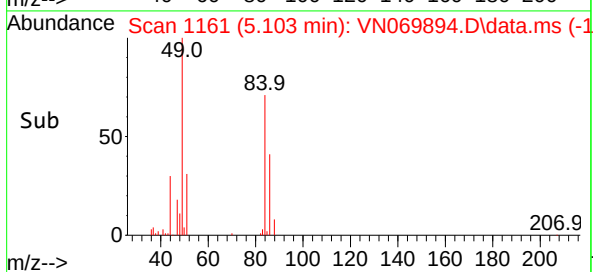
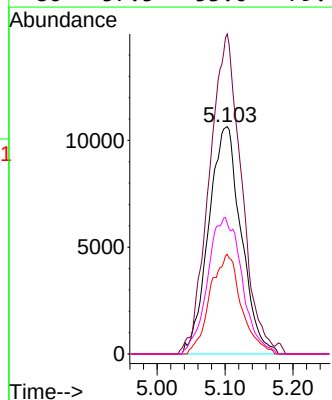
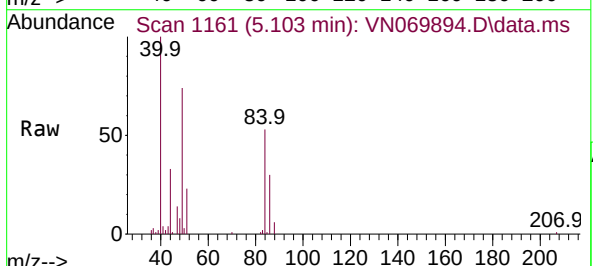
Instrument :
MSVOA_N
ClientSampleId :
TP-3S

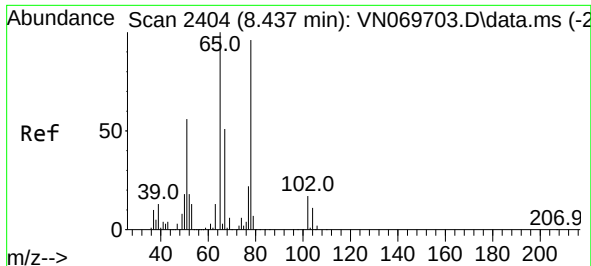
Tgt Ion: 43 Resp: 54117
Ion Ratio Lower Upper
43 100
74 19.6 19.4 29.2



#20
Methylene Chloride
Concen: 2.271 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.011 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

Tgt Ion: 84 Resp: 35366
Ion Ratio Lower Upper
84 100
49 139.1 93.5 140.3
51 43.8 29.4 44.2
86 57.5 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 51.964 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069894.D

Acq: 9 Dec 2021 6:02

Instrument :

MSVOA_N

ClientSampleId :

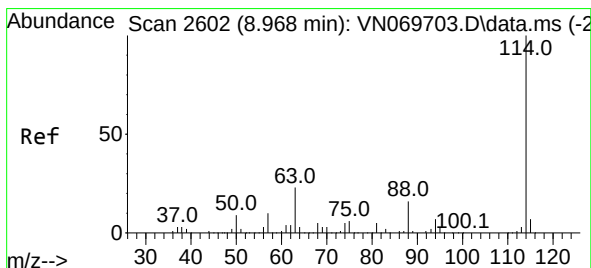
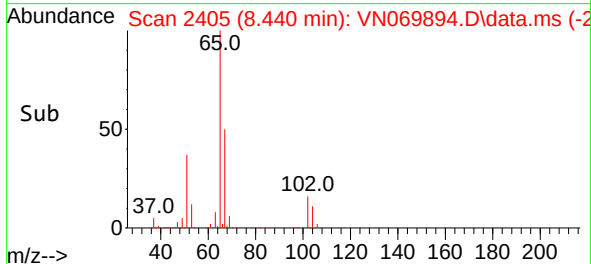
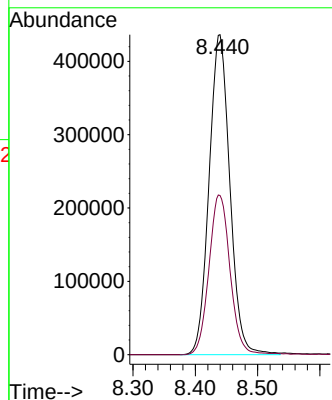
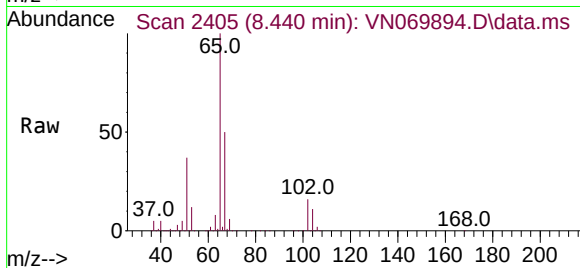
TP-3S

Tgt Ion: 65 Resp: 1012080

Ion Ratio Lower Upper

65 100

67 50.8 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: VN069894.D

Acq: 9 Dec 2021 6:02

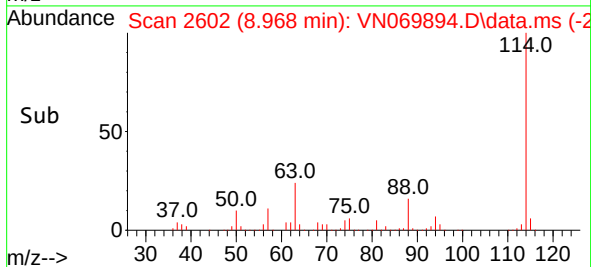
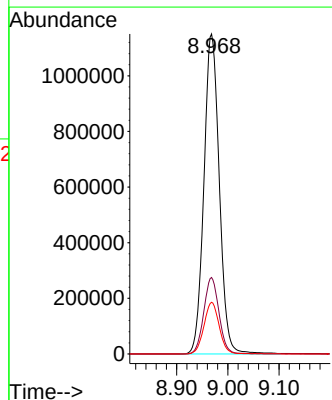
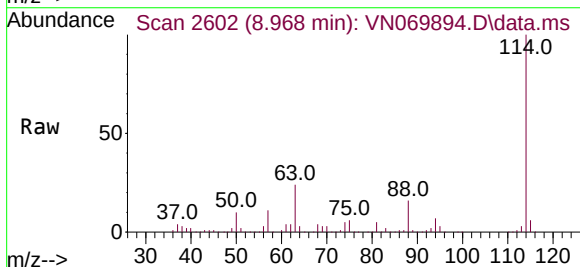
Tgt Ion: 114 Resp: 2404728

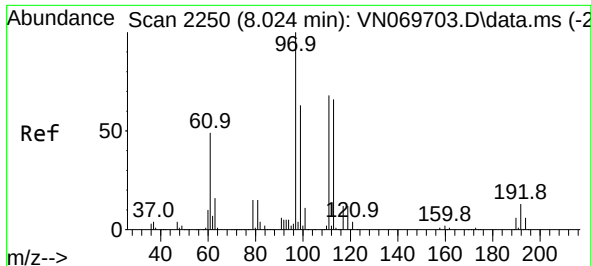
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.2 0.0 27.4

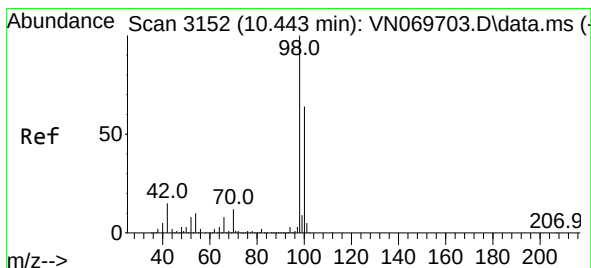
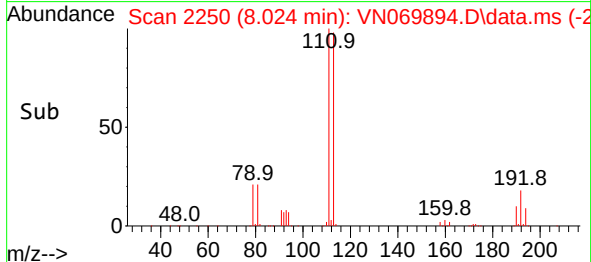
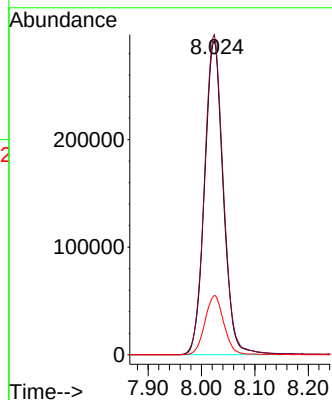
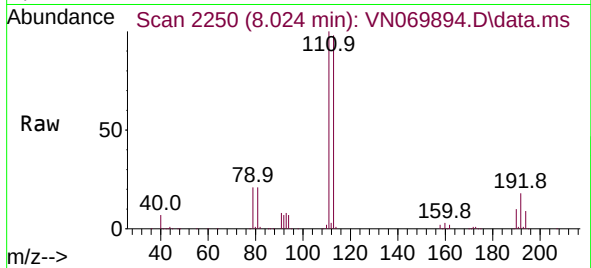




#35
Dibromofluoromethane
Concen: 46.943 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

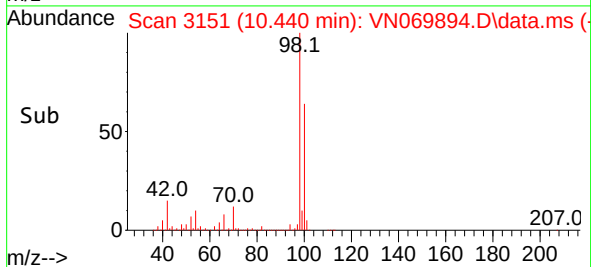
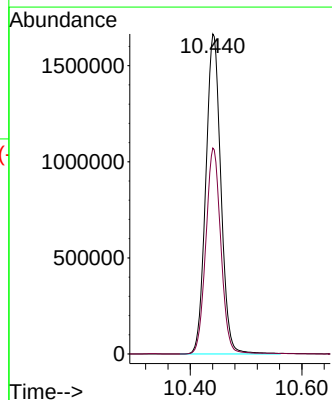
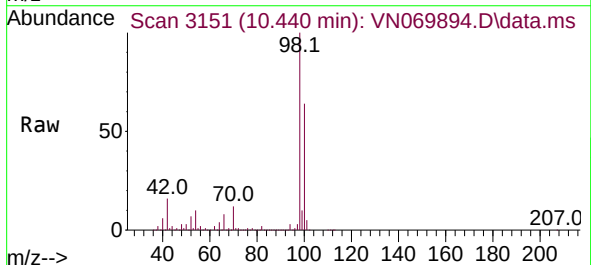
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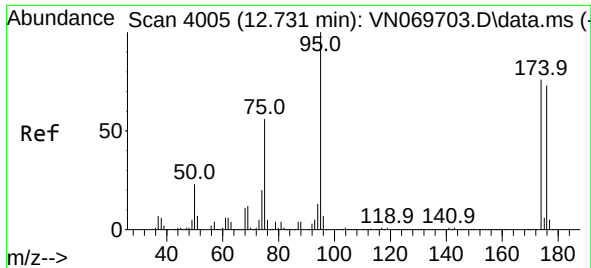
Tgt Ion:113 Resp: 707091
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 51.587 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

Tgt Ion: 98 Resp: 3120070
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

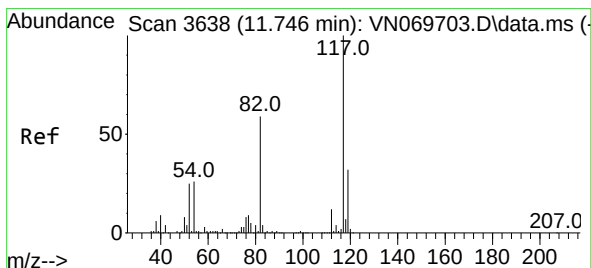
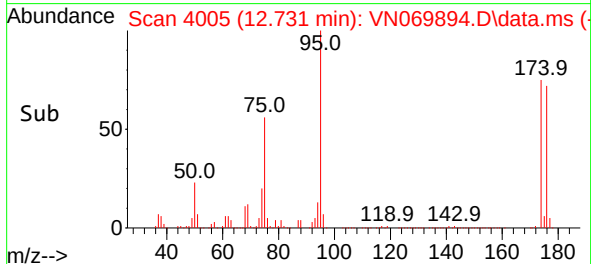
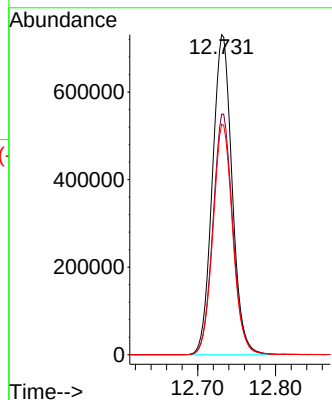
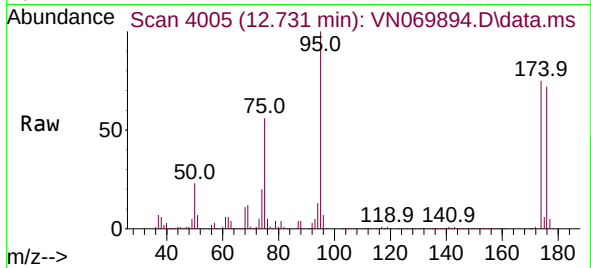




#62
4-Bromofluorobenzene
Concen: 58.586 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

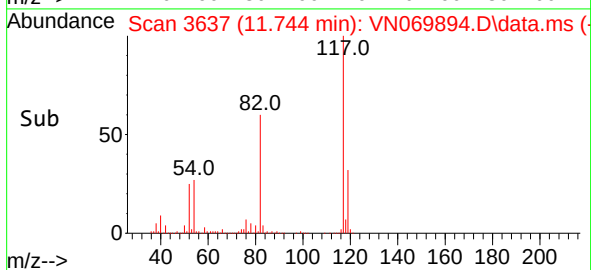
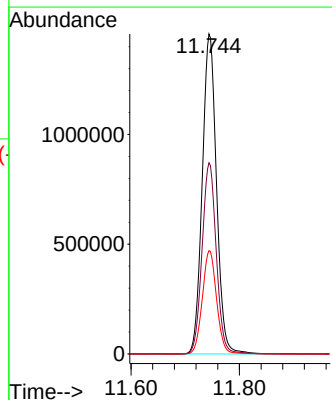
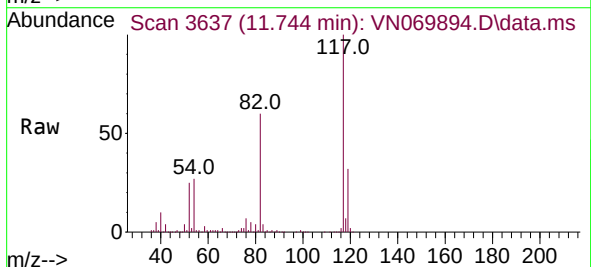
Instrument :
MSVOA_N
ClientSampleId :
TP-3S

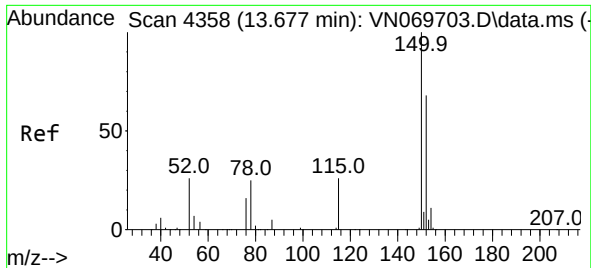
Tgt Ion: 95 Resp: 1283698
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069894.D
Acq: 9 Dec 2021 6:02

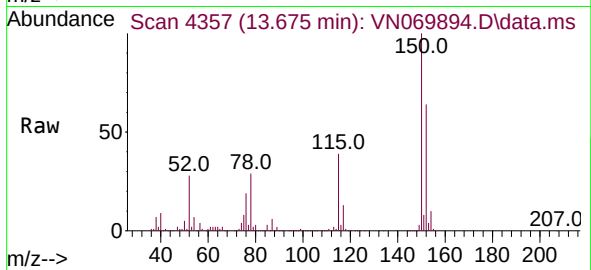
Tgt Ion: 117 Resp: 2667981
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069894.D
 Acq: 9 Dec 2021 6:02

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3S



Tgt Ion:152 Resp: 1070191

Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.5	82.5
150	157.4	0.0	344.4

