

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069952.D
 Acq On : 10 Dec 2021 9:17
 Operator : JC/MD
 Sample : M4967-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11D

Quant Time: Dec 10 11:27:53 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)

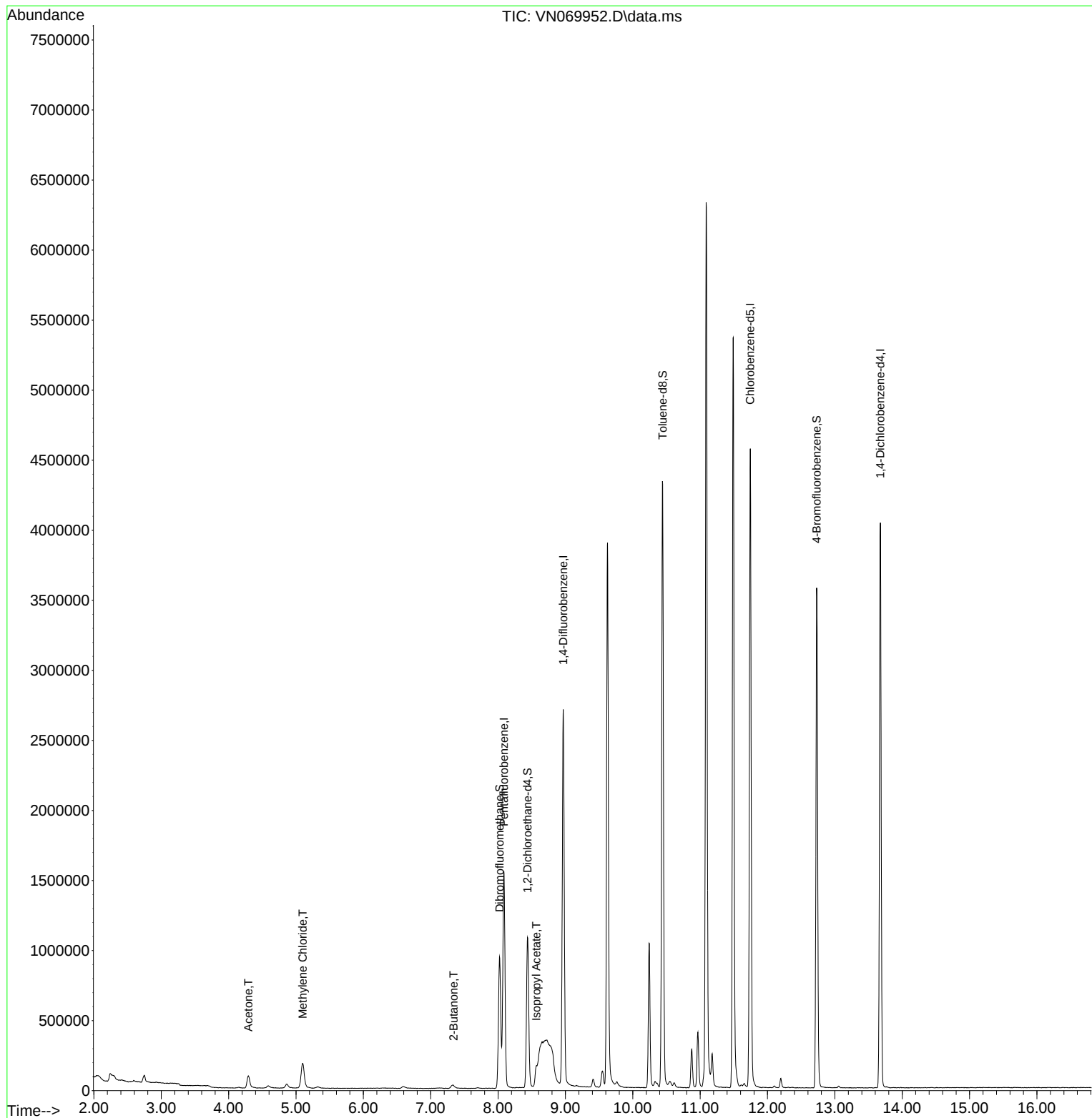
Internal Standards						
1) Pentafluorobenzene	8.086	168	1131825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2210177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2523648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1046846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	927962	53.101	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.200%
35) Dibromofluoromethane	8.021	113	683599	49.378	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.760%
50) Toluene-d8	10.443	98	2935986	52.816	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.731	95	1220945	60.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.260%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	164330	15.632	ug/l	99
20) Methylene Chloride	5.098	84	128855	9.221	ug/l #	81
25) 2-Butanone	7.340	43	20406	1.429	ug/l	90
43) Isopropyl Acetate	8.568	43	152584	3.293	ug/l #	79

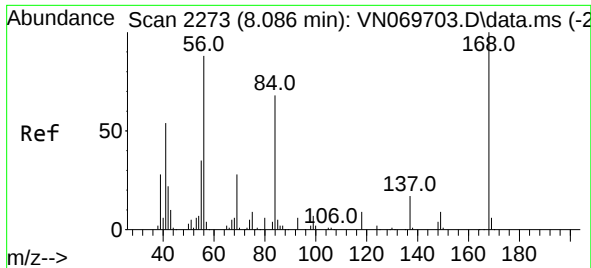
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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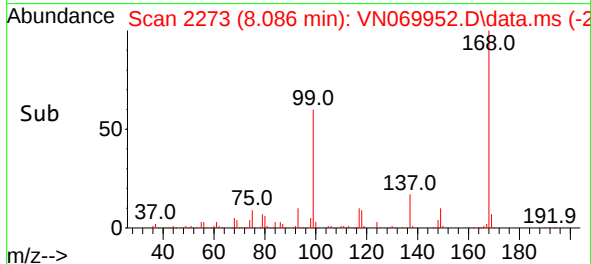
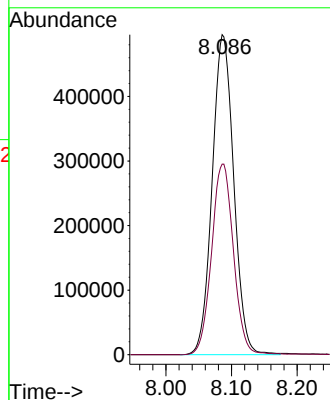
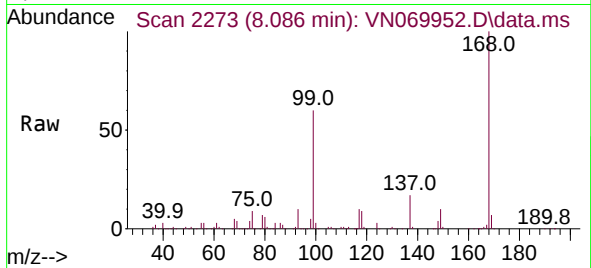




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

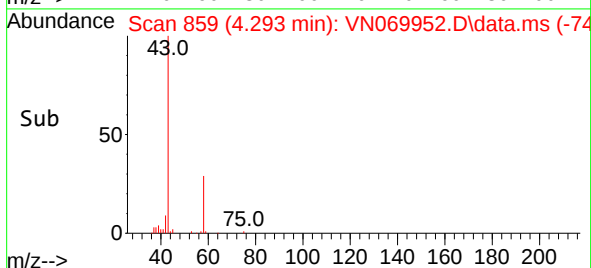
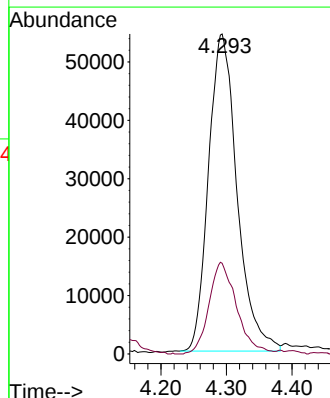
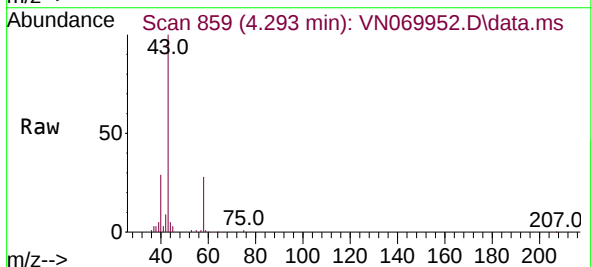
Instrument :
MSVOA_N
ClientSampleId :
TP-11D

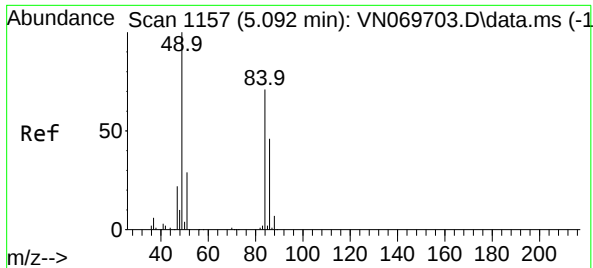
Tgt Ion:168 Resp: 1131825
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#16
Acetone
Concen: 15.632 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

Tgt Ion: 43 Resp: 164330
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7

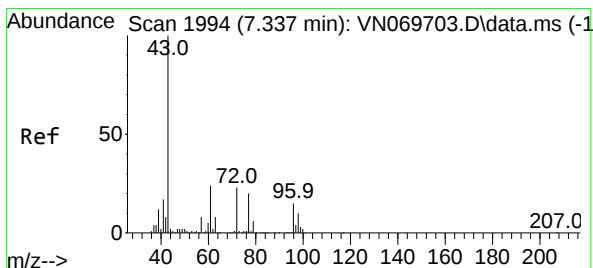
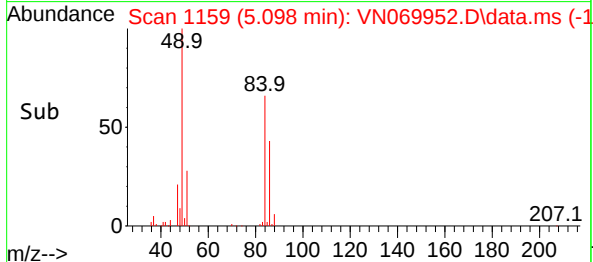
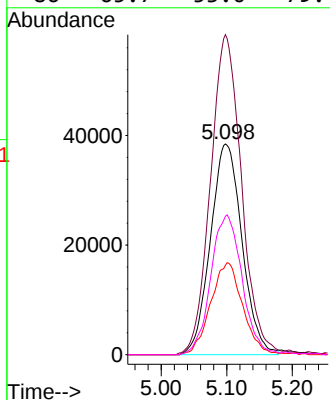
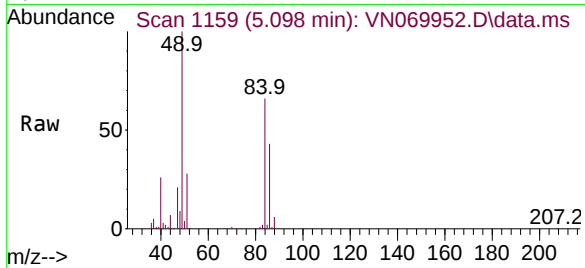




#20
Methylene Chloride
Concen: 9.221 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

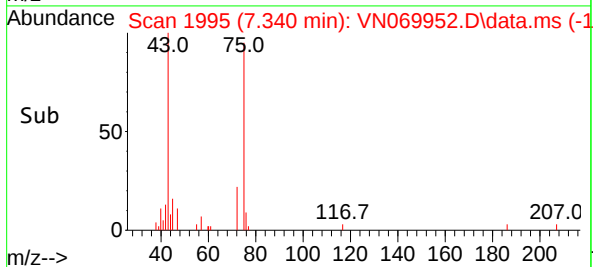
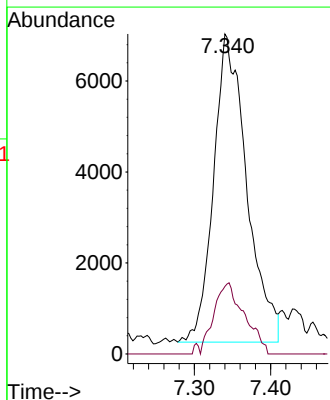
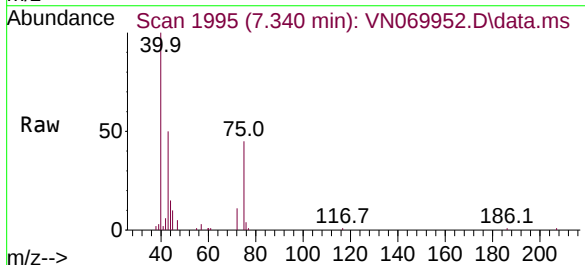
Instrument :
MSVOA_N
ClientSampleId :
TP-11D

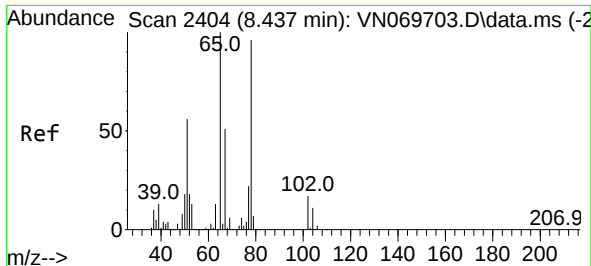
Tgt Ion: 84 Resp: 128855
Ion Ratio Lower Upper
84 100
49 151.3 93.5 140.3#
51 42.5 29.4 44.2
86 65.7 53.0 79.4



#25
2-Butanone
Concen: 1.429 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

Tgt Ion: 43 Resp: 20406
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 53.101 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069952.D

Acq: 10 Dec 2021 9:17

Instrument :

MSVOA_N

ClientSampleId :

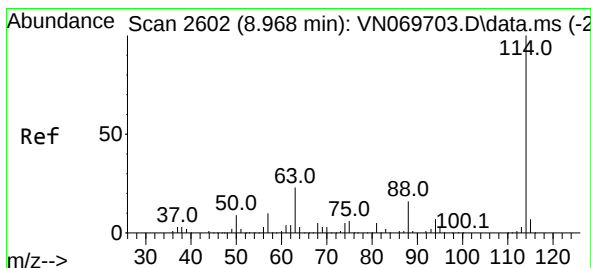
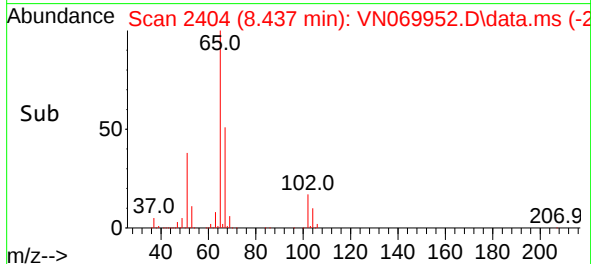
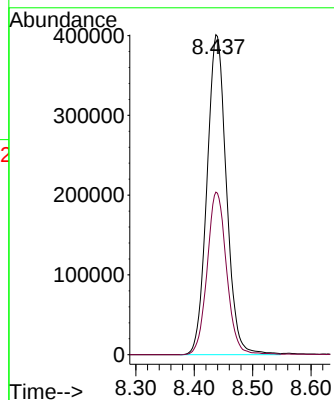
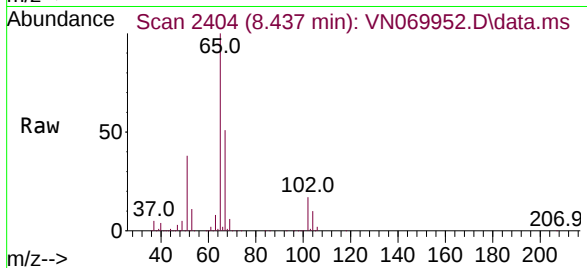
TP-11D

Tgt Ion: 65 Resp: 927962

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: VN069952.D

Acq: 10 Dec 2021 9:17

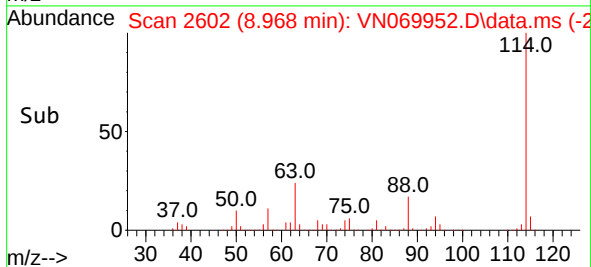
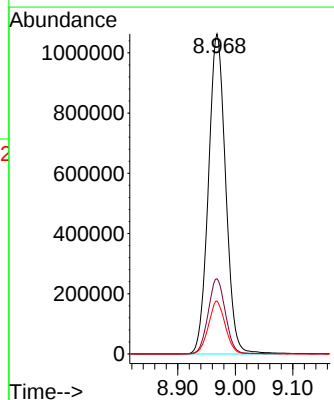
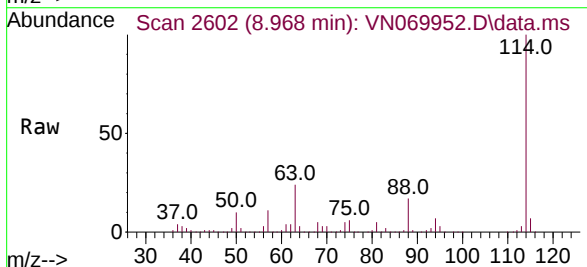
Tgt Ion: 114 Resp: 2210177

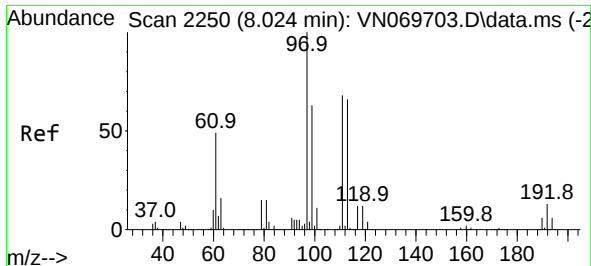
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.6 0.0 27.4

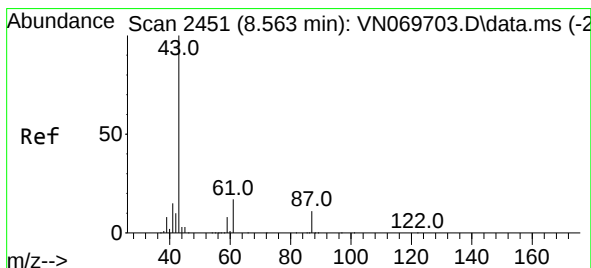
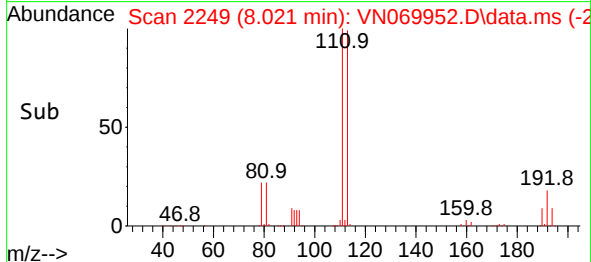
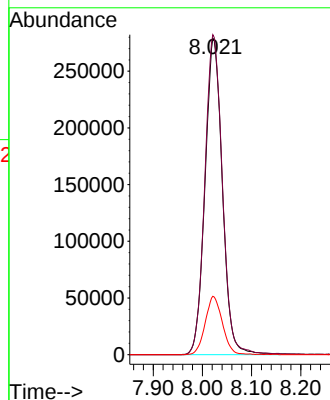
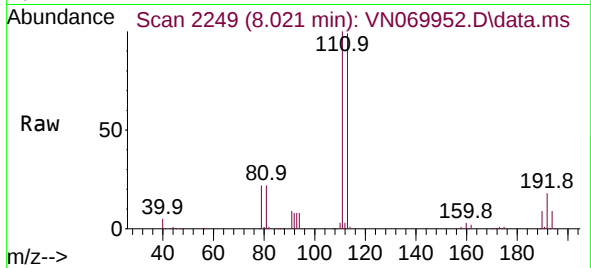




#35
Dibromofluoromethane
Concen: 49.378 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

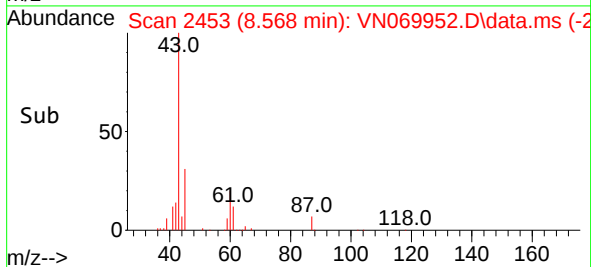
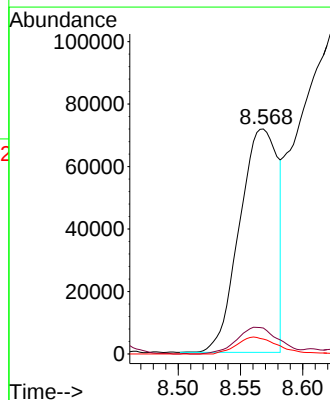
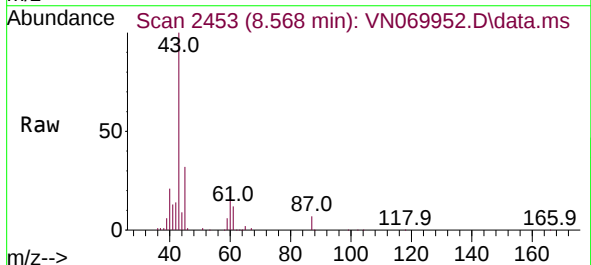
Instrument :
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ClientSampleId :
TP-11D

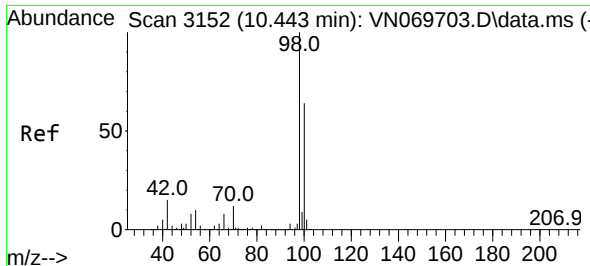
Tgt Ion:113 Resp: 683599
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.2 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.293 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.005 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

Tgt Ion: 43 Resp: 152584
Ion Ratio Lower Upper
43 100
61 12.9 20.4 30.6#
87 8.1 11.2 16.8#

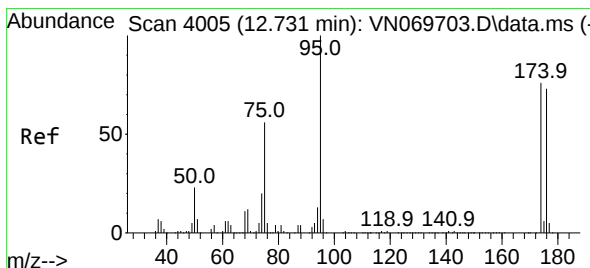
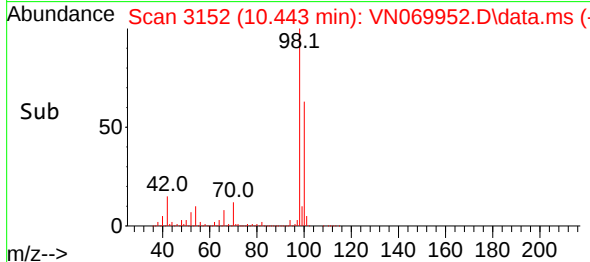
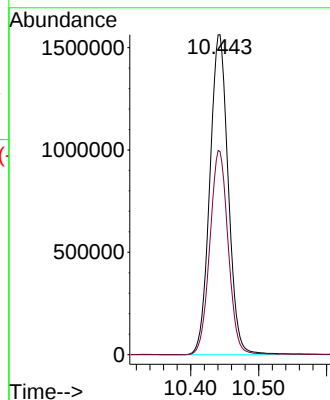
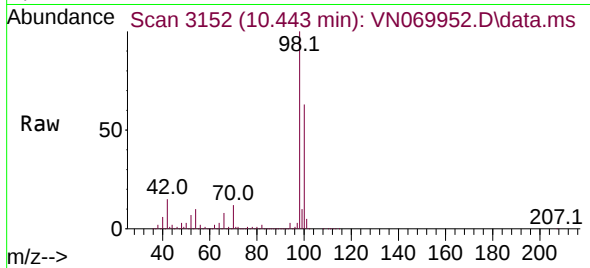




#50
Toluene-d8
Concen: 52.816 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

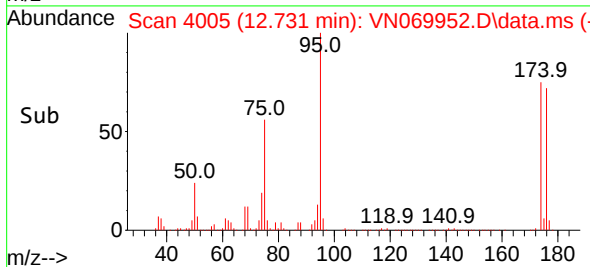
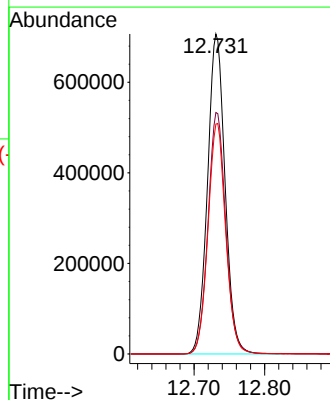
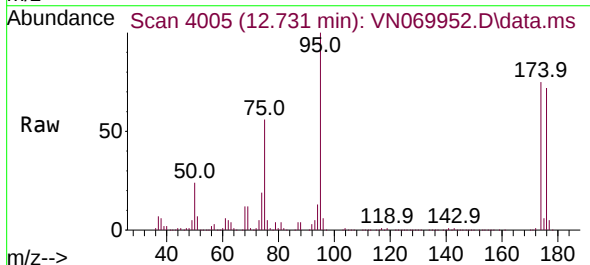
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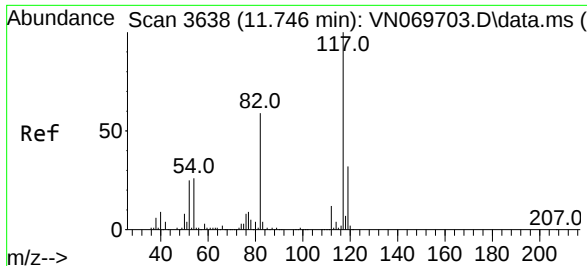
Tgt Ion: 98 Resp: 2935986
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.627 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

Tgt Ion: 95 Resp: 1220945
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 72.6 0.0 181.4

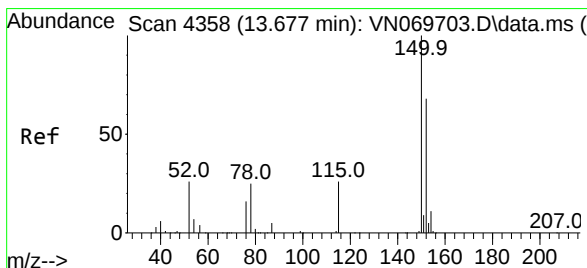
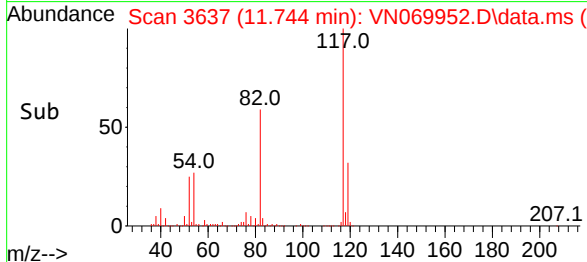
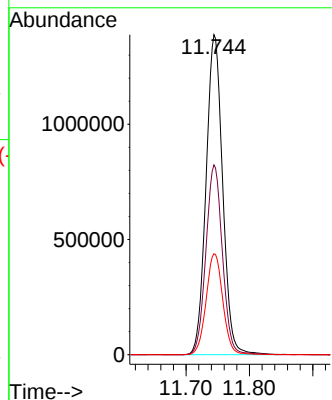
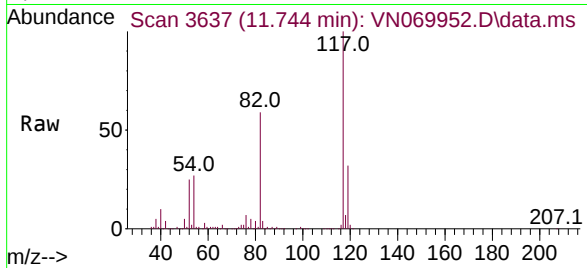




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

Instrument :
MSVOA_N
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TP-11D

Tgt Ion:117 Resp: 2523648
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069952.D
Acq: 10 Dec 2021 9:17

Tgt Ion:152 Resp: 1046846
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 156.9 0.0 344.4

