

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069989.D
 Acq On : 11 Dec 2021 6:00
 Operator : JC/MD
 Sample : M4990-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R3-7

Quant Time: Dec 11 08:31:56 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)

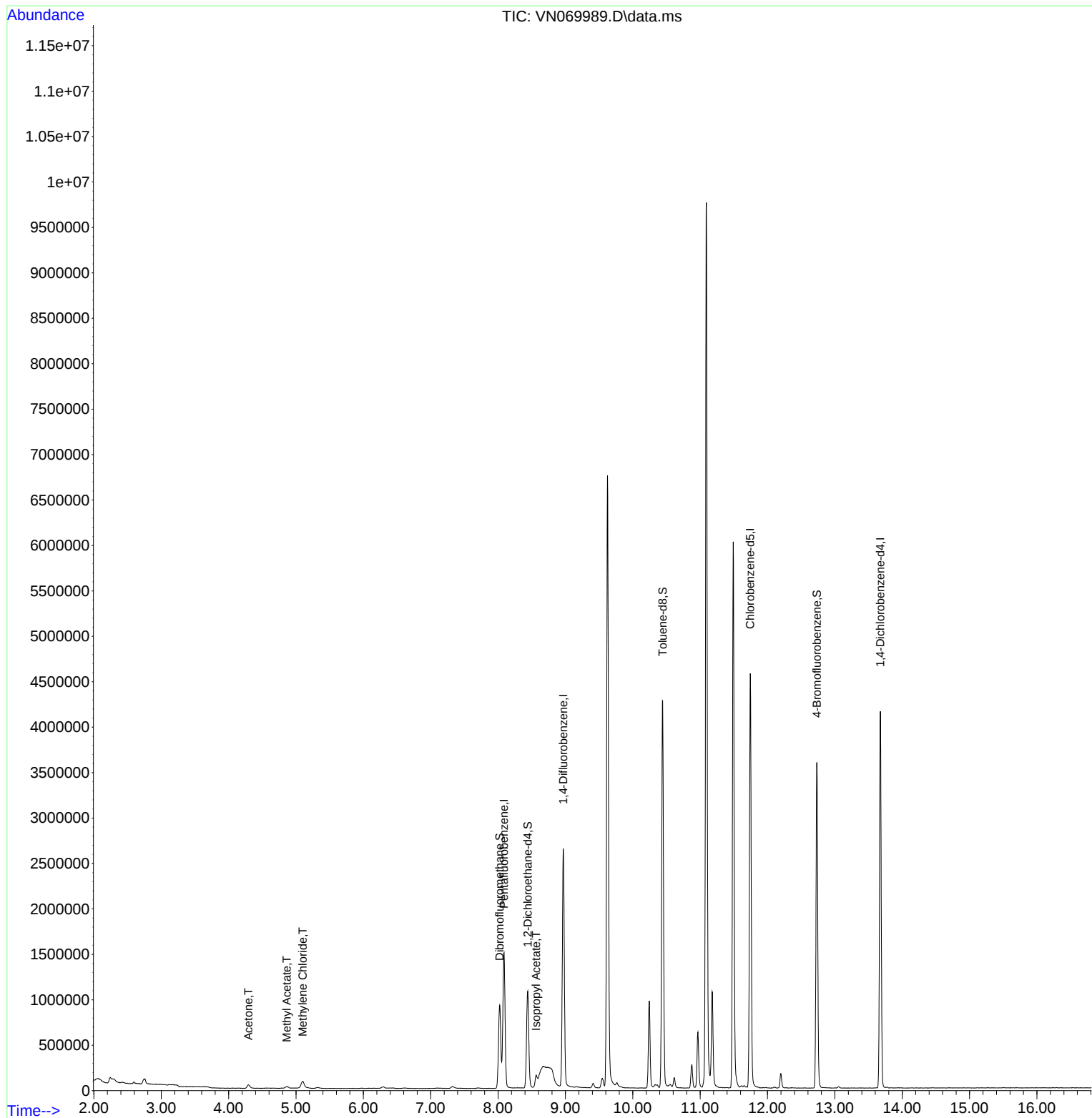
Internal Standards						
1) Pentafluorobenzene	8.088	168	1096687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2175363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2519643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1066283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	913569	53.952	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.900%			
35) Dibromofluoromethane	8.024	113	668842	49.086	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.180%			
50) Toluene-d8	10.443	98	2890974	52.839	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.734	95	1237621	62.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.880%			
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	71728	7.042	ug/l	95
18) Methyl Acetate	4.865	43	44457	1.446	ug/l	92
20) Methylene Chloride	5.098	84	53229	3.931	ug/l #	82
43) Isopropyl Acetate	8.566	43	172137	3.774	ug/l #	78

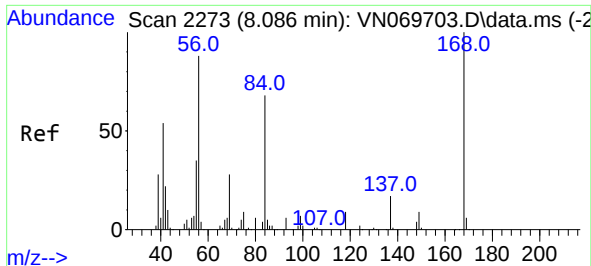
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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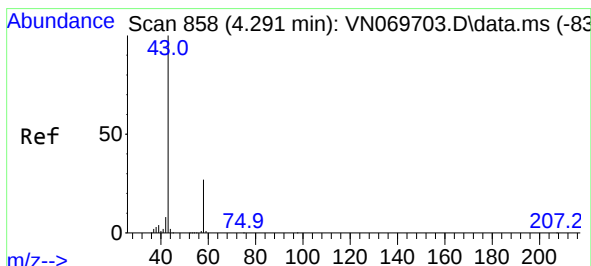
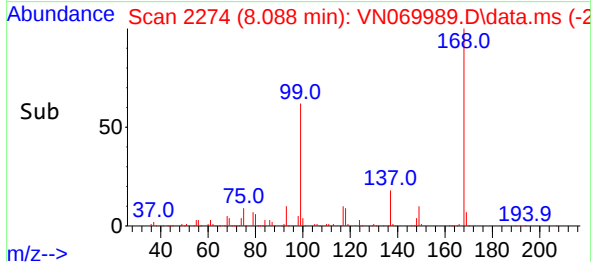
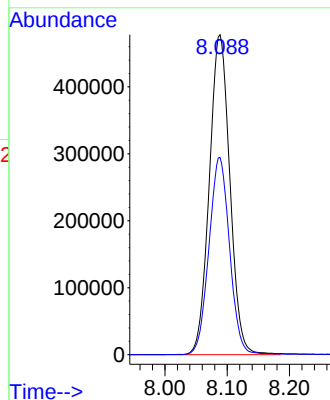
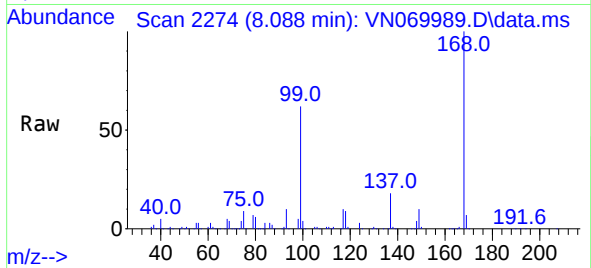




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

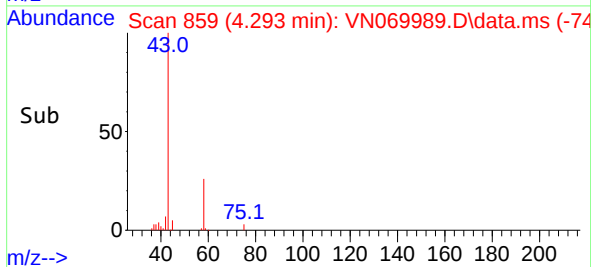
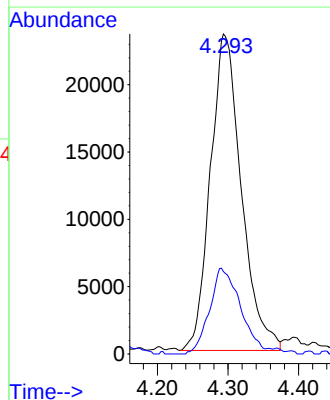
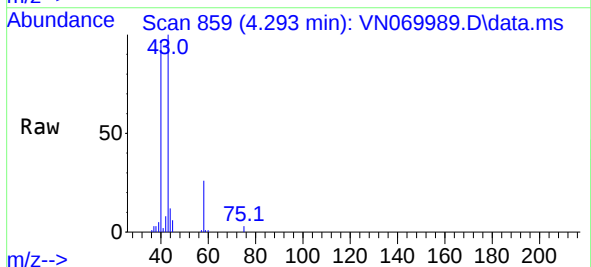
Instrument :
MSVOA_N
ClientSampleId :
R3-7

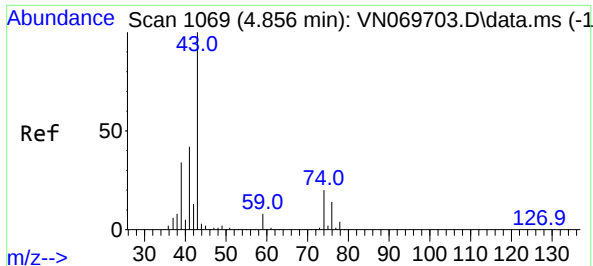
Tgt Ion:168 Resp: 1096687
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#16
Acetone
Concen: 7.042 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

Tgt Ion: 43 Resp: 71728
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7

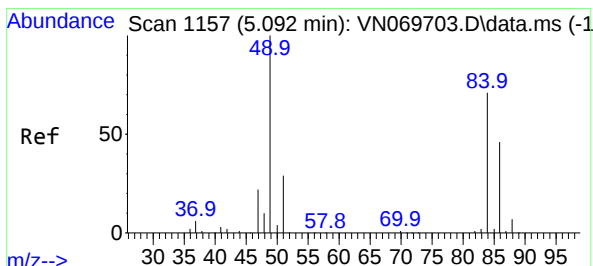
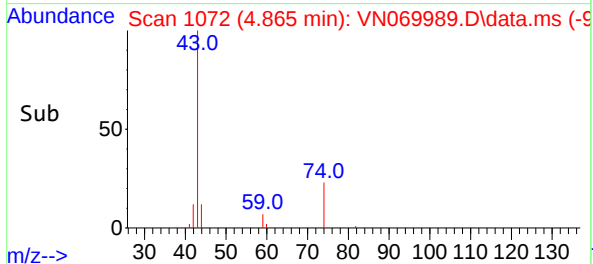
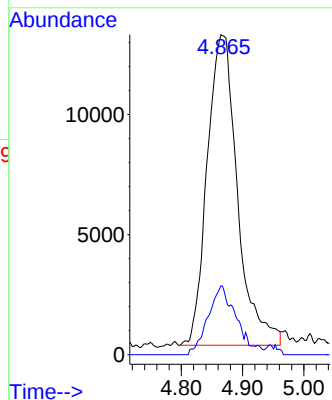
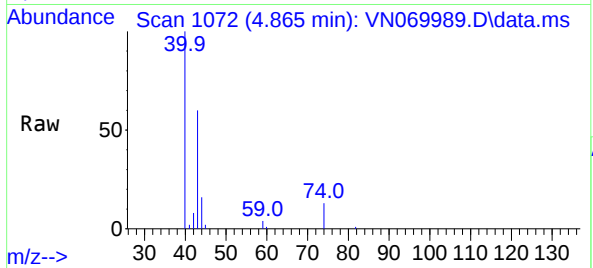




#18
Methyl Acetate
Concen: 1.446 ug/l
RT: 4.865 min Scan# 1069
Delta R.T. 0.008 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

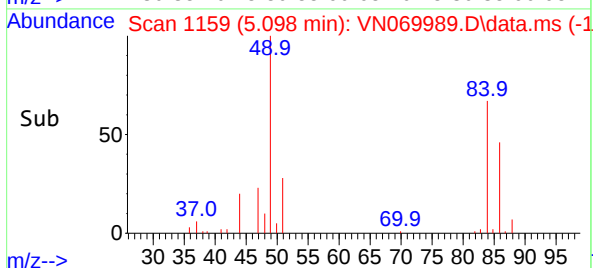
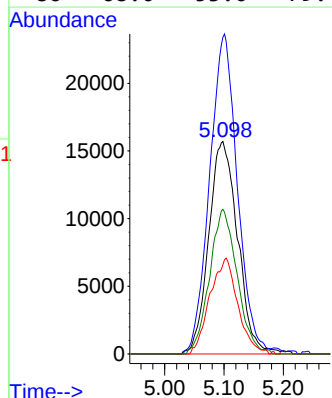
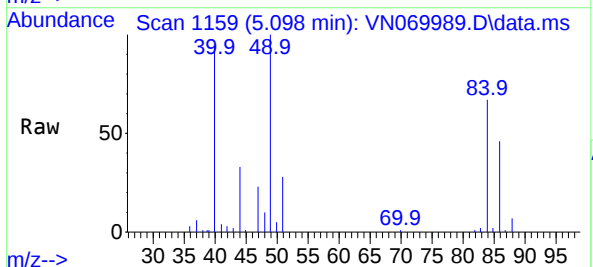
Instrument :
MSVOA_N
ClientSampleId :
R3-7

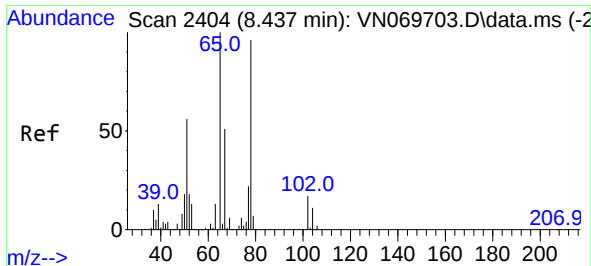
Tgt Ion: 43 Resp: 44457
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2



#20
Methylene Chloride
Concen: 3.931 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

Tgt Ion: 84 Resp: 53229
Ion Ratio Lower Upper
84 100
49 149.0 93.5 140.3#
51 42.0 29.4 44.2
86 68.0 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.952 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069989.D

Acq: 11 Dec 2021 6:00

Instrument :

MSVOA_N

ClientSampleId :

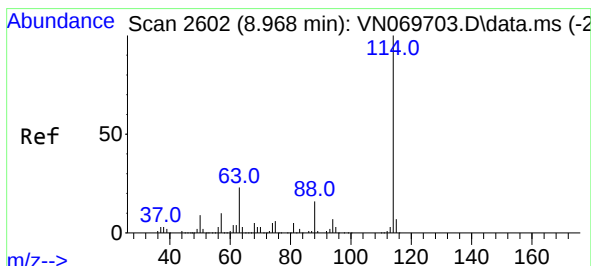
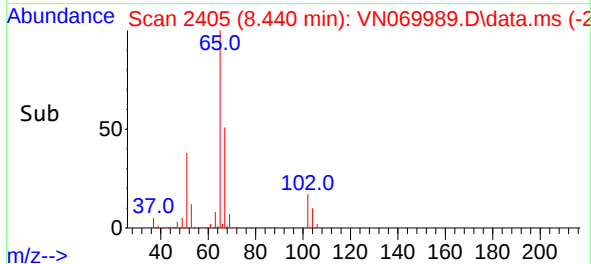
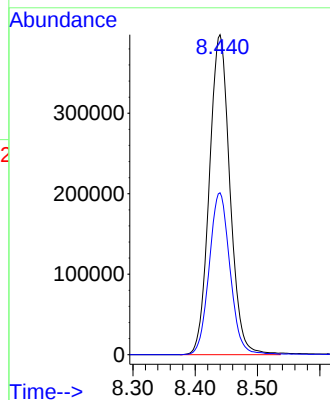
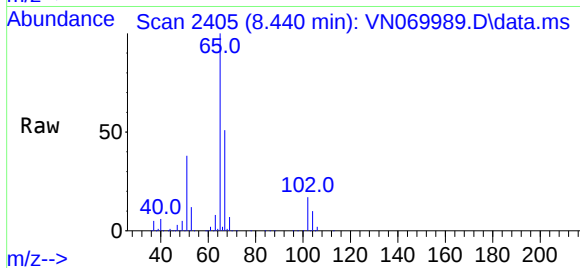
R3-7

Tgt Ion: 65 Resp: 913569

Ion Ratio Lower Upper

65 100

67 51.0 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: VN069989.D

Acq: 11 Dec 2021 6:00

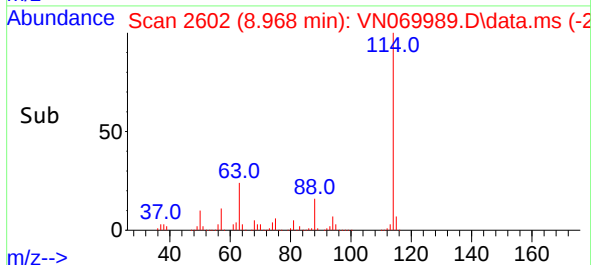
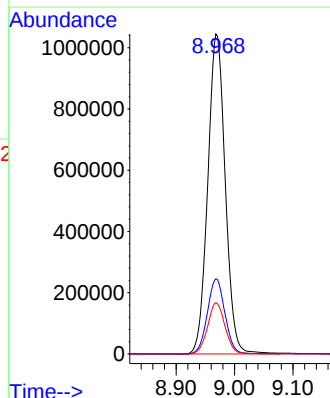
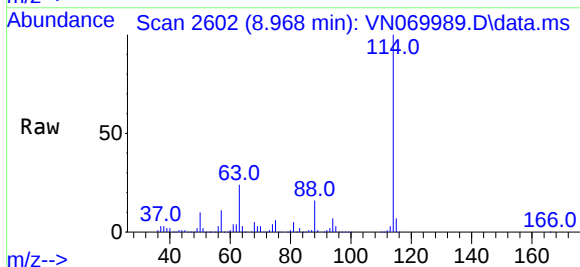
Tgt Ion: 114 Resp: 2175363

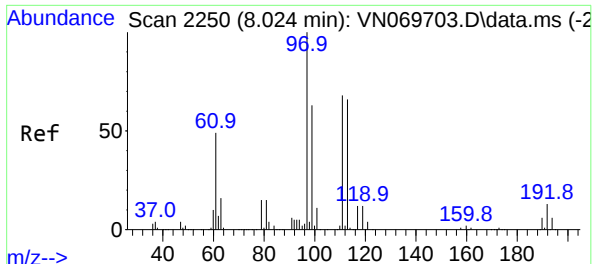
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.0 0.0 27.4

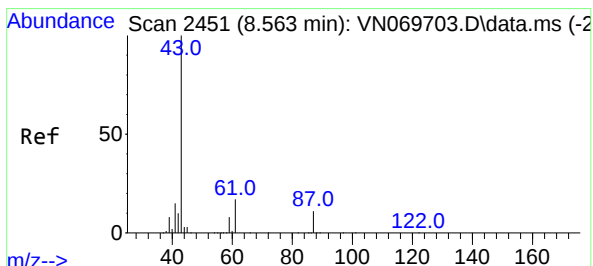
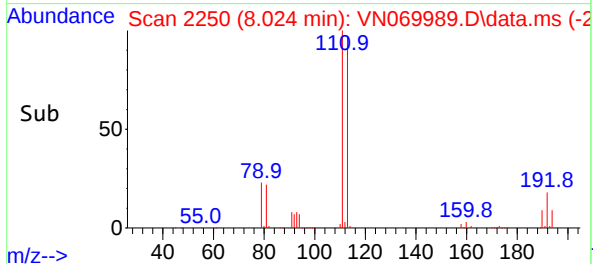
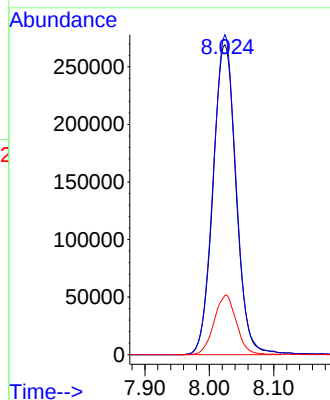
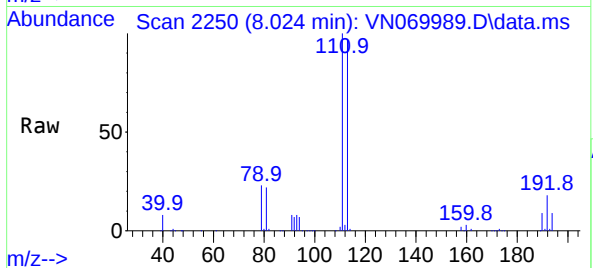




#35
Dibromofluoromethane
Concen: 49.086 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

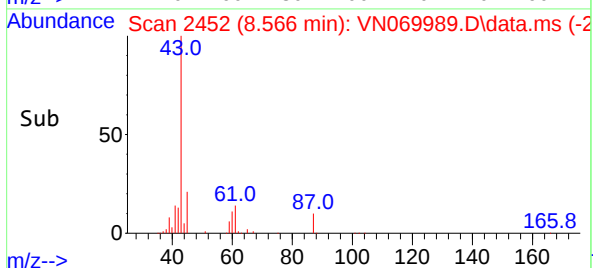
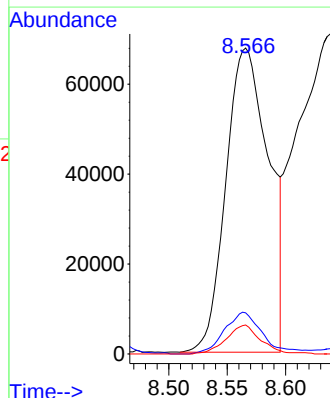
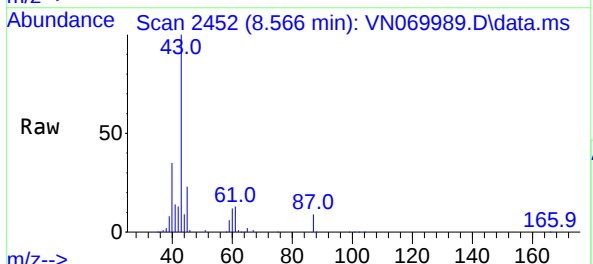
Instrument :
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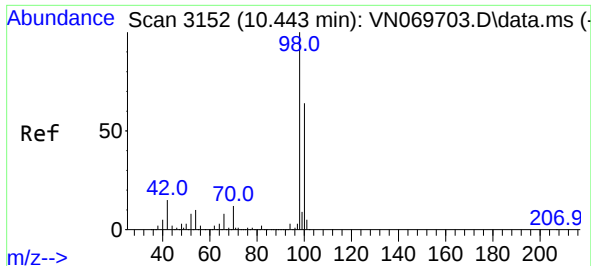
Tgt Ion:113 Resp: 668842
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.6 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.774 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

Tgt Ion: 43 Resp: 172137
Ion Ratio Lower Upper
43 100
61 12.3 20.4 30.6#
87 7.6 11.2 16.8#

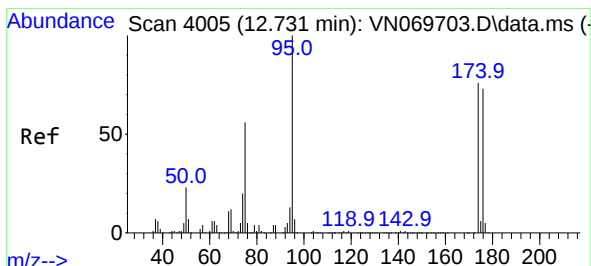
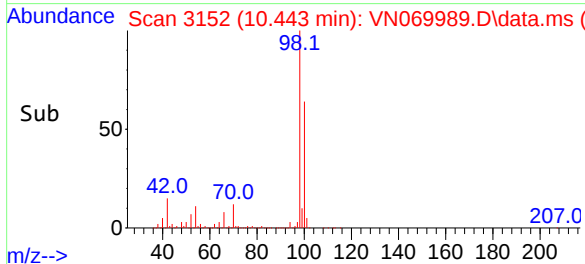
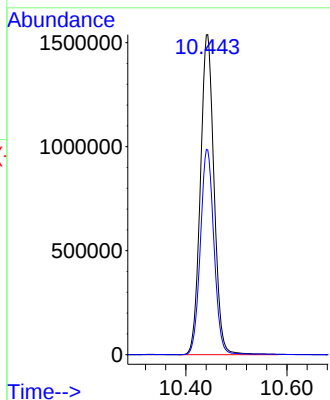
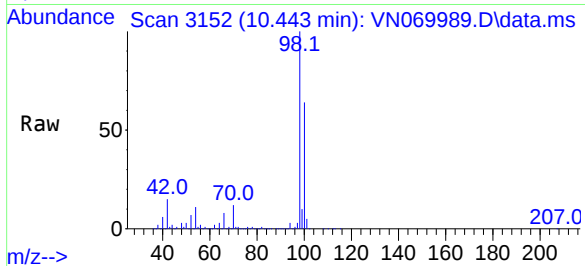




#50
Toluene-d8
Concen: 52.839 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

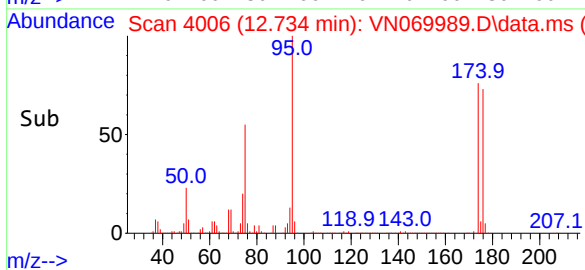
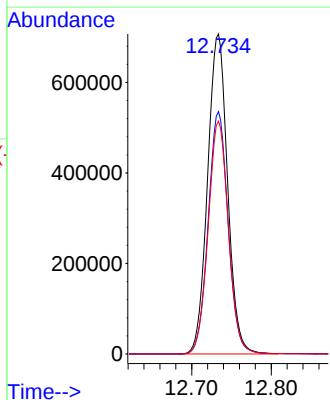
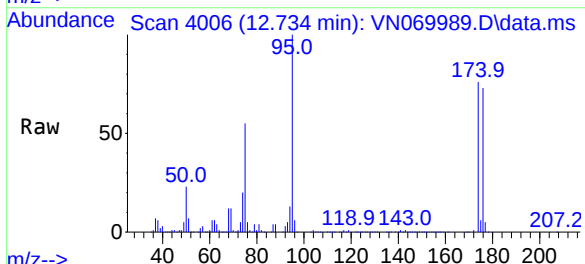
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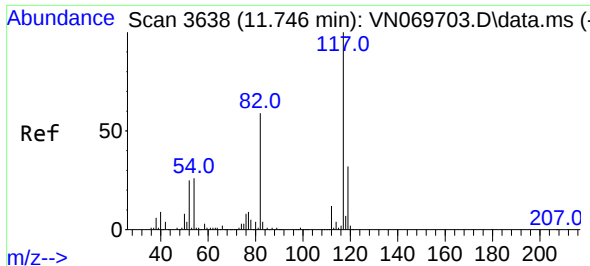
Tgt Ion: 98 Resp: 2890974
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 62.439 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

Tgt Ion: 95 Resp: 1237621
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.1 0.0 181.4

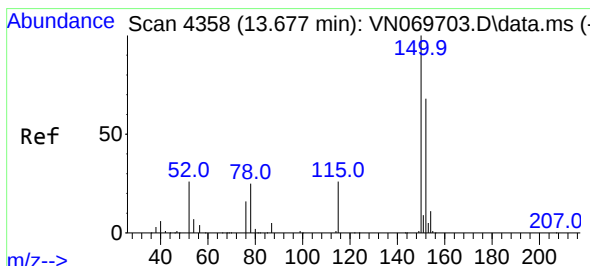
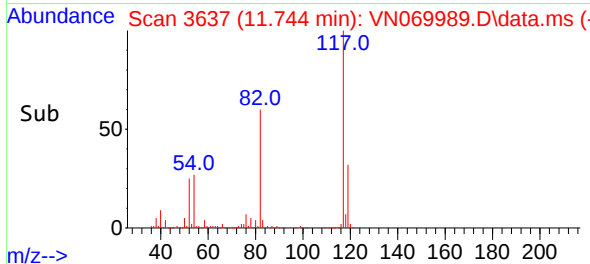
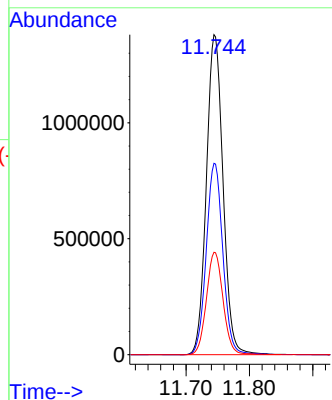
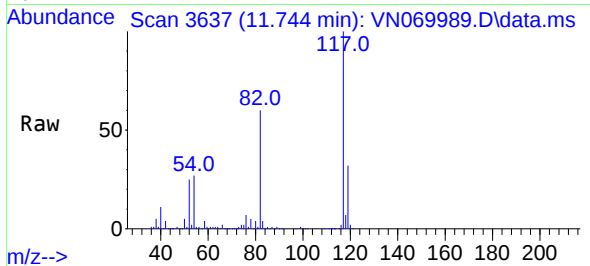




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2519643
Ion Ratio Lower Upper
117 100
82 59.8 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# 4357
Delta R.T. -0.002 min
Lab File: VN069989.D
Acq: 11 Dec 2021 6:00

Tgt Ion:152 Resp: 1066283
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 158.0 0.0 344.4

