

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069896.D
 Acq On : 9 Dec 2021 6:53
 Operator : JC/MD
 Sample : M4959-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5D

Quant Time: Dec 09 12:01:04 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)

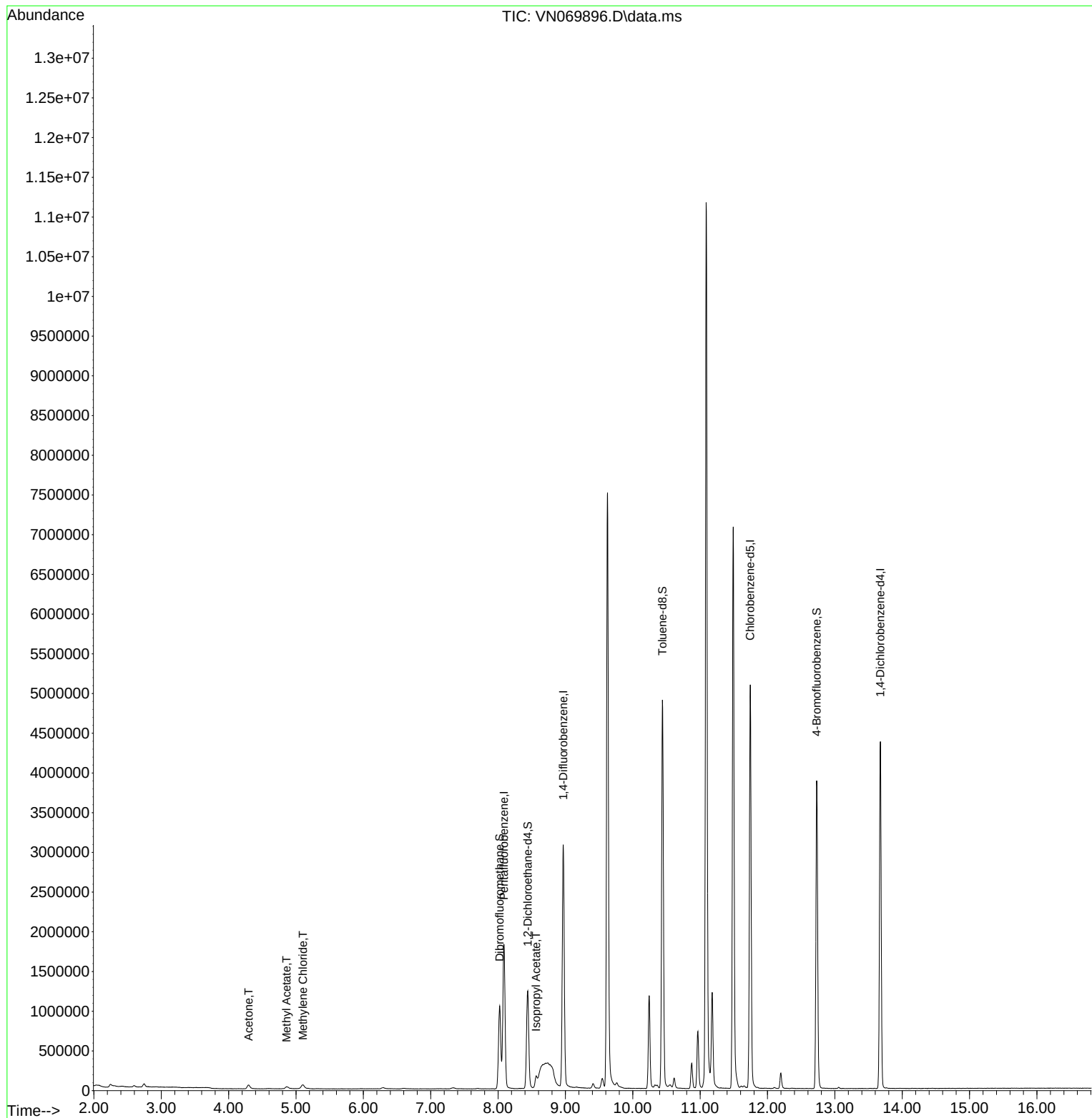
Internal Standards						
1) Pentafluorobenzene	8.088	168	1350502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2531748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2812449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1141039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1072075	51.414	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.820%	
35) Dibromofluoromethane	8.024	113	755900	47.666	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.340%	
50) Toluene-d8	10.440	98	3322296	52.175	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.731	95	1350585	58.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	92927	7.409	ug/l	94
18) Methyl Acetate	4.859	43	55300	1.461	ug/l #	70
20) Methylene Chloride	5.103	84	33513	2.010	ug/l	87
43) Isopropyl Acetate	8.566	43	187630	3.535	ug/l #	79

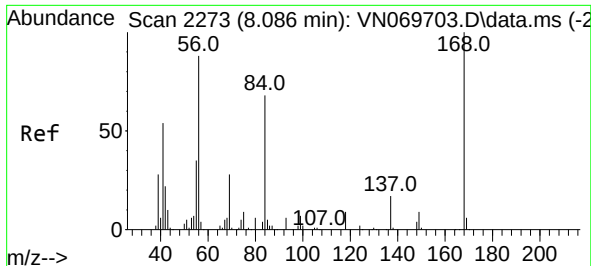
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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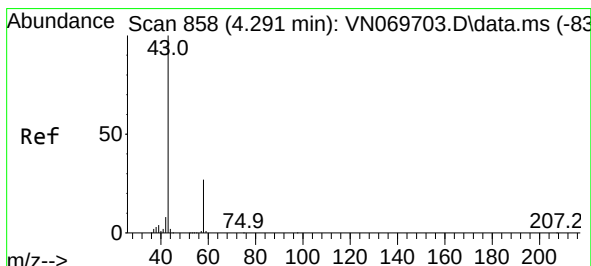
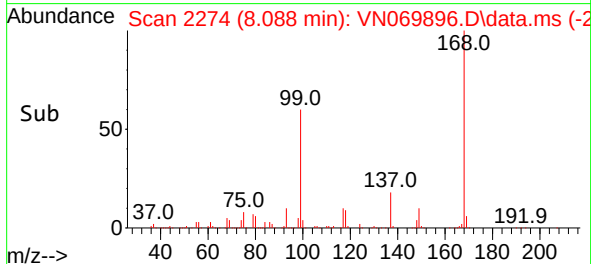
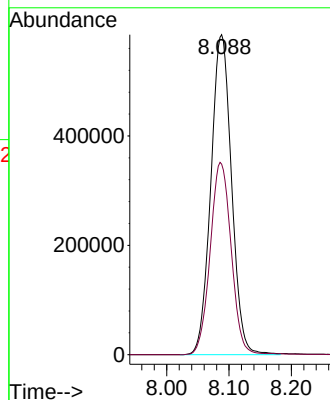
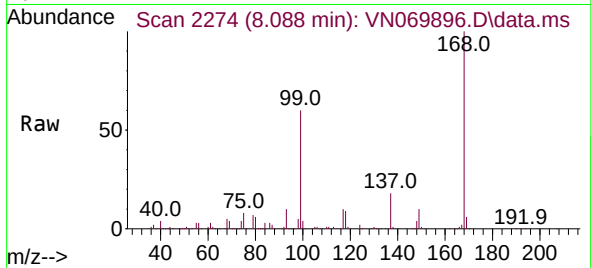




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069896.D
Acq: 9 Dec 2021 6:53

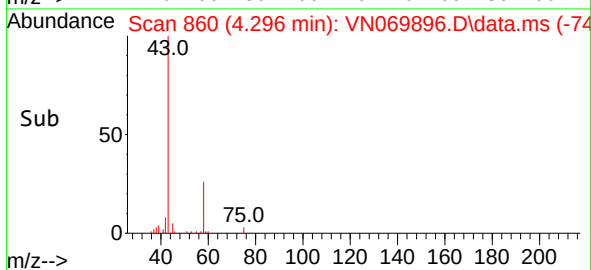
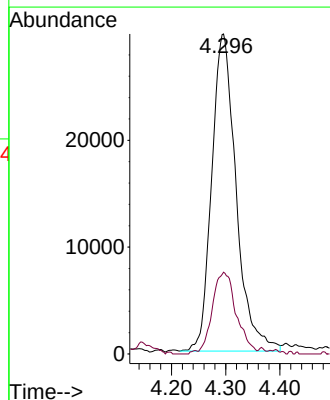
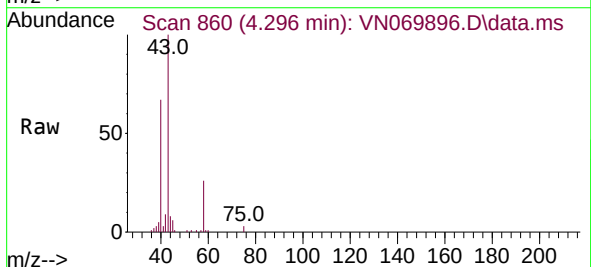
Instrument :
MSVOA_N
ClientSampleId :
TP-5D

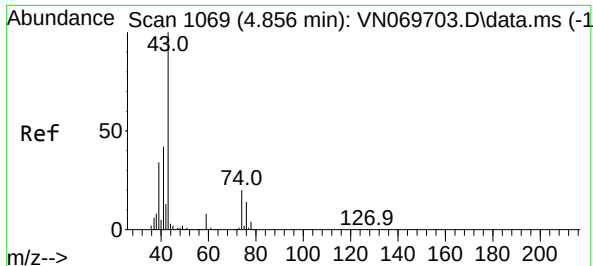
Tgt Ion:168 Resp: 1350502
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#16
Acetone
Concen: 7.409 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069896.D
Acq: 9 Dec 2021 6:53

Tgt Ion: 43 Resp: 92927
Ion Ratio Lower Upper
43 100
58 25.8 23.1 34.7





#18

Methyl Acetate

Concen: 1.461 ug/l

RT: 4.859 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VN069896.D

Acq: 9 Dec 2021 6:53

Instrument :

MSVOA_N

ClientSampleId :

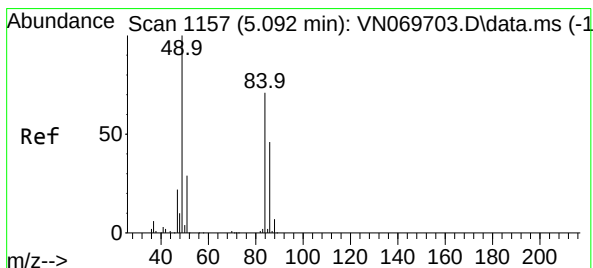
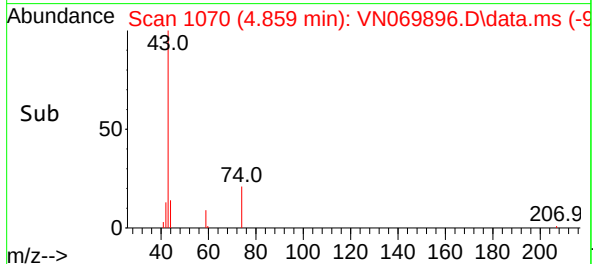
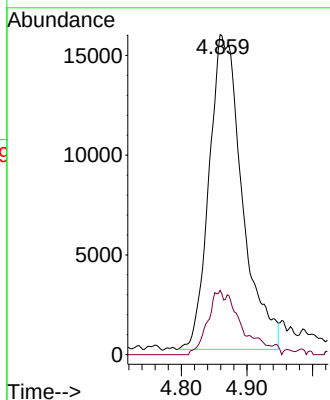
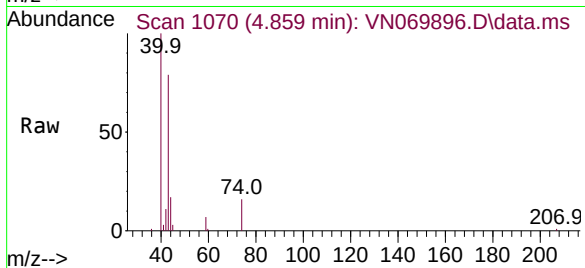
TP-5D

Tgt Ion: 43 Resp: 55300

Ion Ratio Lower Upper

43 100

74 9.6 19.4 29.2#



#20

Methylene Chloride

Concen: 2.010 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.011 min

Lab File: VN069896.D

Acq: 9 Dec 2021 6:53

Tgt Ion: 84 Resp: 33513

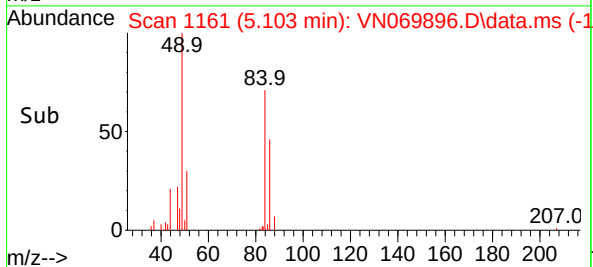
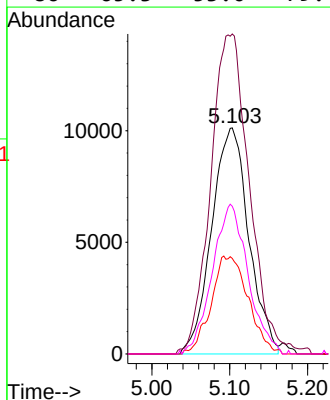
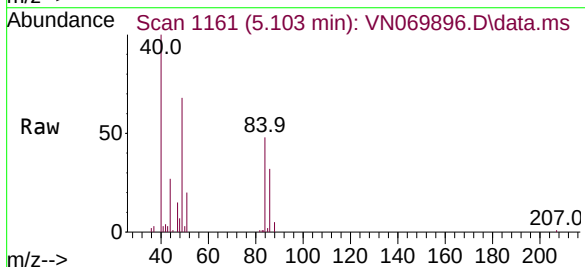
Ion Ratio Lower Upper

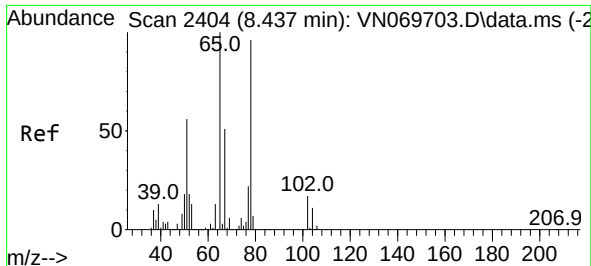
84 100

49 139.9 93.5 140.3

51 42.3 29.4 44.2

86 65.3 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 51.414 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069896.D

Acq: 9 Dec 2021 6:53

Instrument :

MSVOA_N

ClientSampleId :

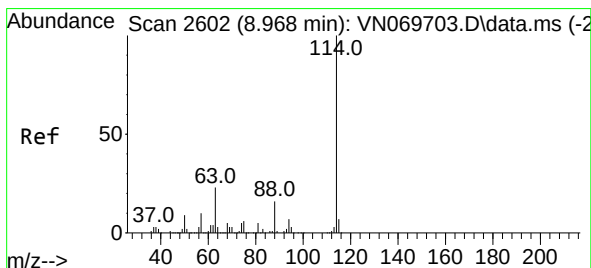
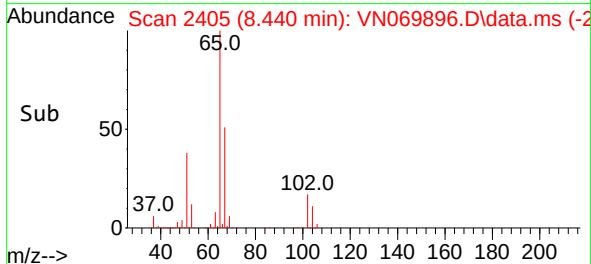
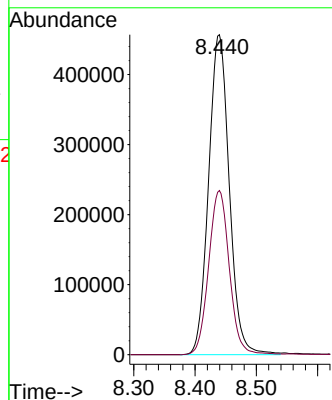
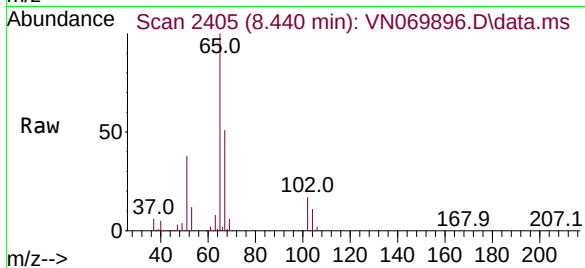
TP-5D

Tgt Ion: 65 Resp: 1072075

Ion Ratio Lower Upper

65 100

67 51.3 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: VN069896.D

Acq: 9 Dec 2021 6:53

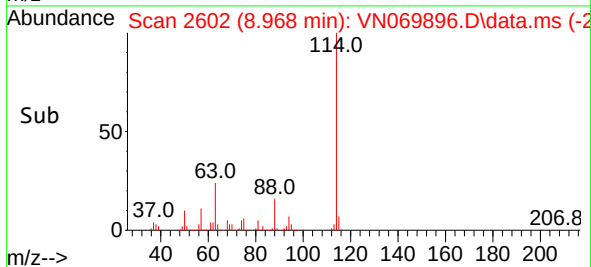
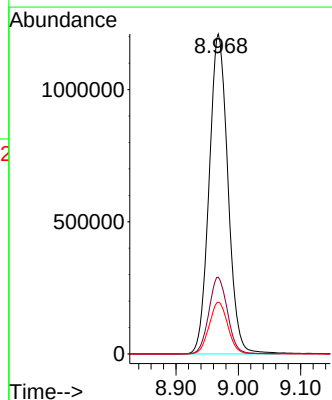
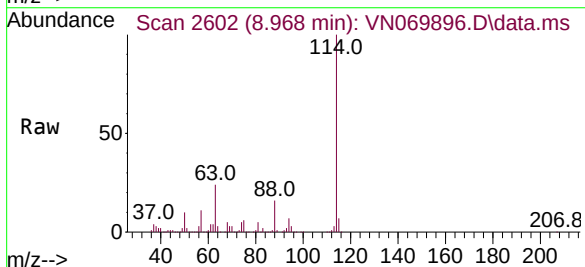
Tgt Ion: 114 Resp: 2531748

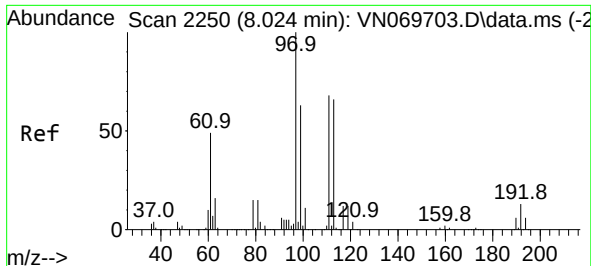
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.2 0.0 27.4

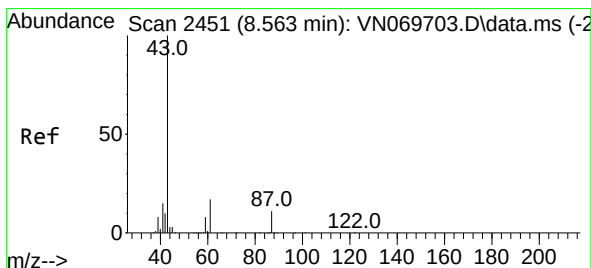
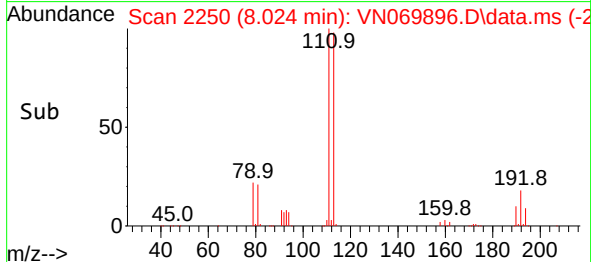
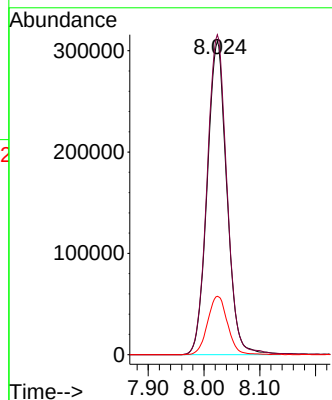
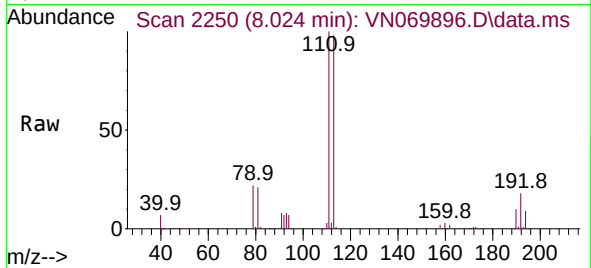




#35
 Dibromofluoromethane
 Concen: 47.666 ug/l
 RT: 8.024 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN069896.D
 Acq: 9 Dec 2021 6:53

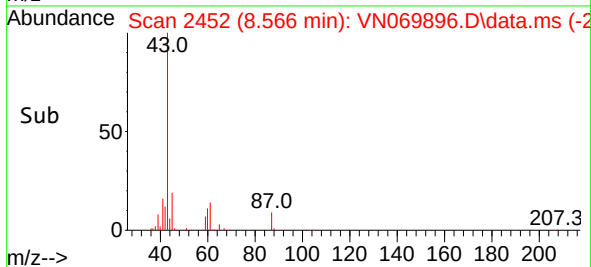
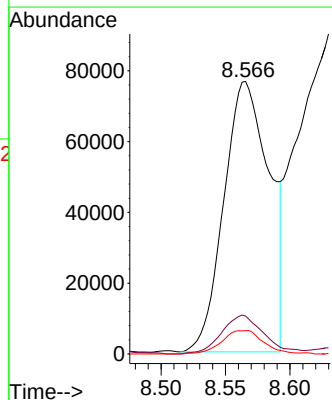
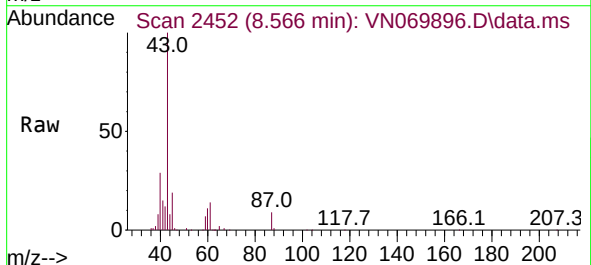
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5D

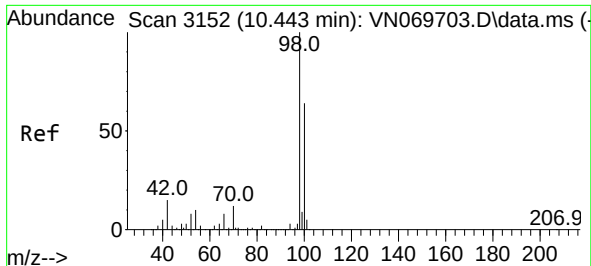
Tgt Ion:113 Resp: 755900
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 19.0 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 3.535 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN069896.D
 Acq: 9 Dec 2021 6:53

Tgt Ion: 43 Resp: 187630
 Ion Ratio Lower Upper
 43 100
 61 13.4 20.4 30.6#
 87 7.8 11.2 16.8#

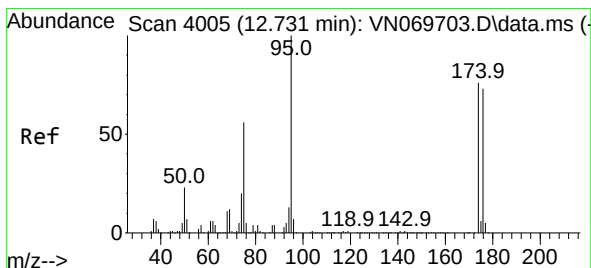
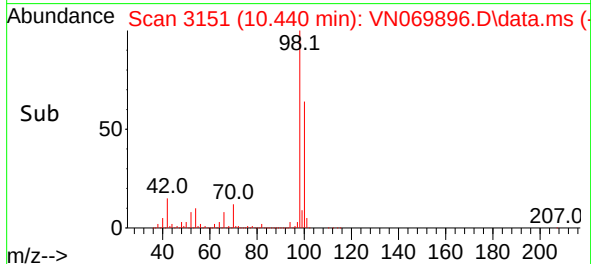
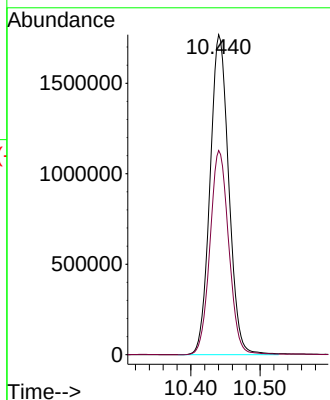
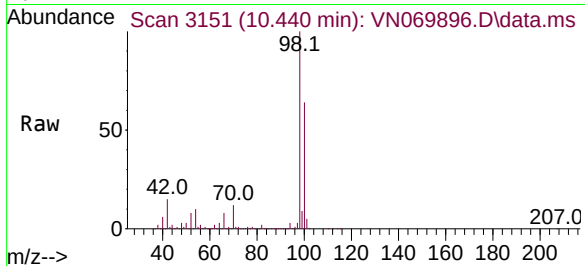




#50
Toluene-d8
Concen: 52.175 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069896.D
Acq: 9 Dec 2021 6:53

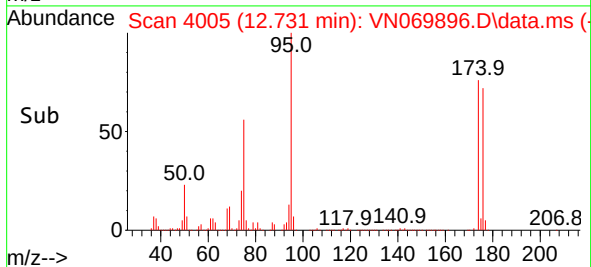
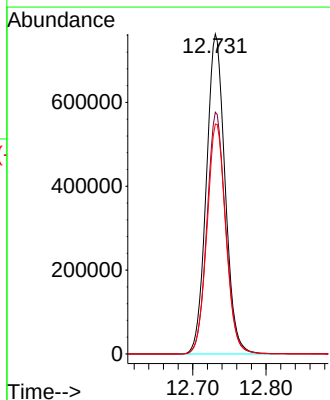
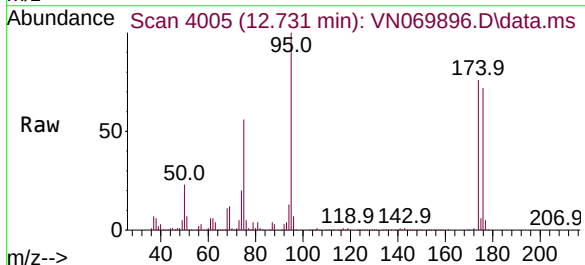
Instrument :
MSVOA_N
ClientSampleId :
TP-5D

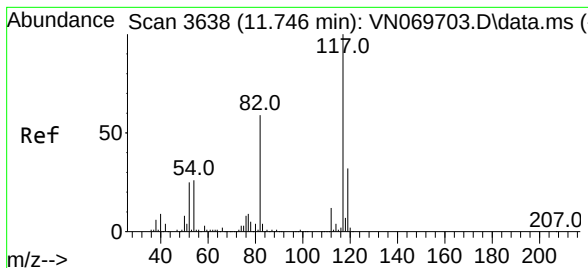
Tgt Ion: 98 Resp: 3322296
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 58.546 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069896.D
Acq: 9 Dec 2021 6:53

Tgt Ion: 95 Resp: 1350585
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.5 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: VN069896.D

Acq: 9 Dec 2021 6:53

Instrument :

MSVOA_N

ClientSampleId :

TP-5D

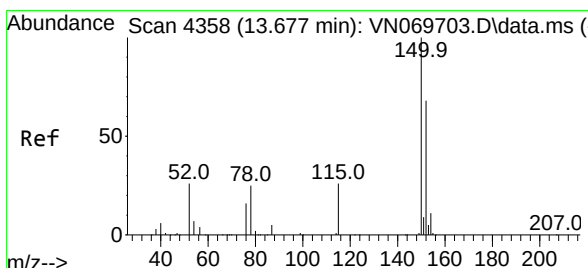
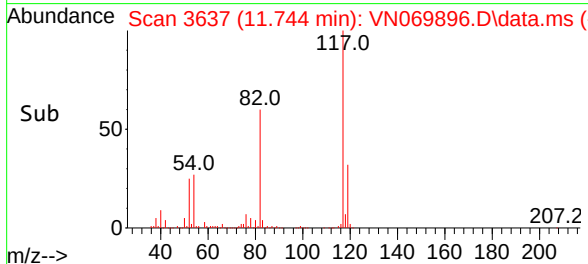
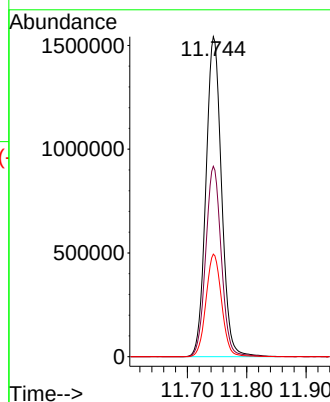
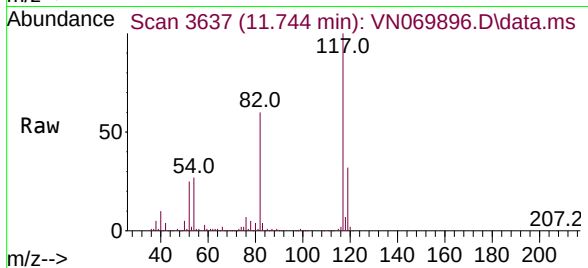
Tgt Ion:117 Resp: 2812449

Ion Ratio Lower Upper

117 100

82 59.5 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. -0.003 min

Lab File: VN069896.D

Acq: 9 Dec 2021 6:53

Tgt Ion:152 Resp: 1141039

Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 157.8 0.0 344.4

