

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069945.D
 Acq On : 10 Dec 2021 6:19
 Operator : JC/MD
 Sample : M4966-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P10-11

Quant Time: Dec 10 08:16:16 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)

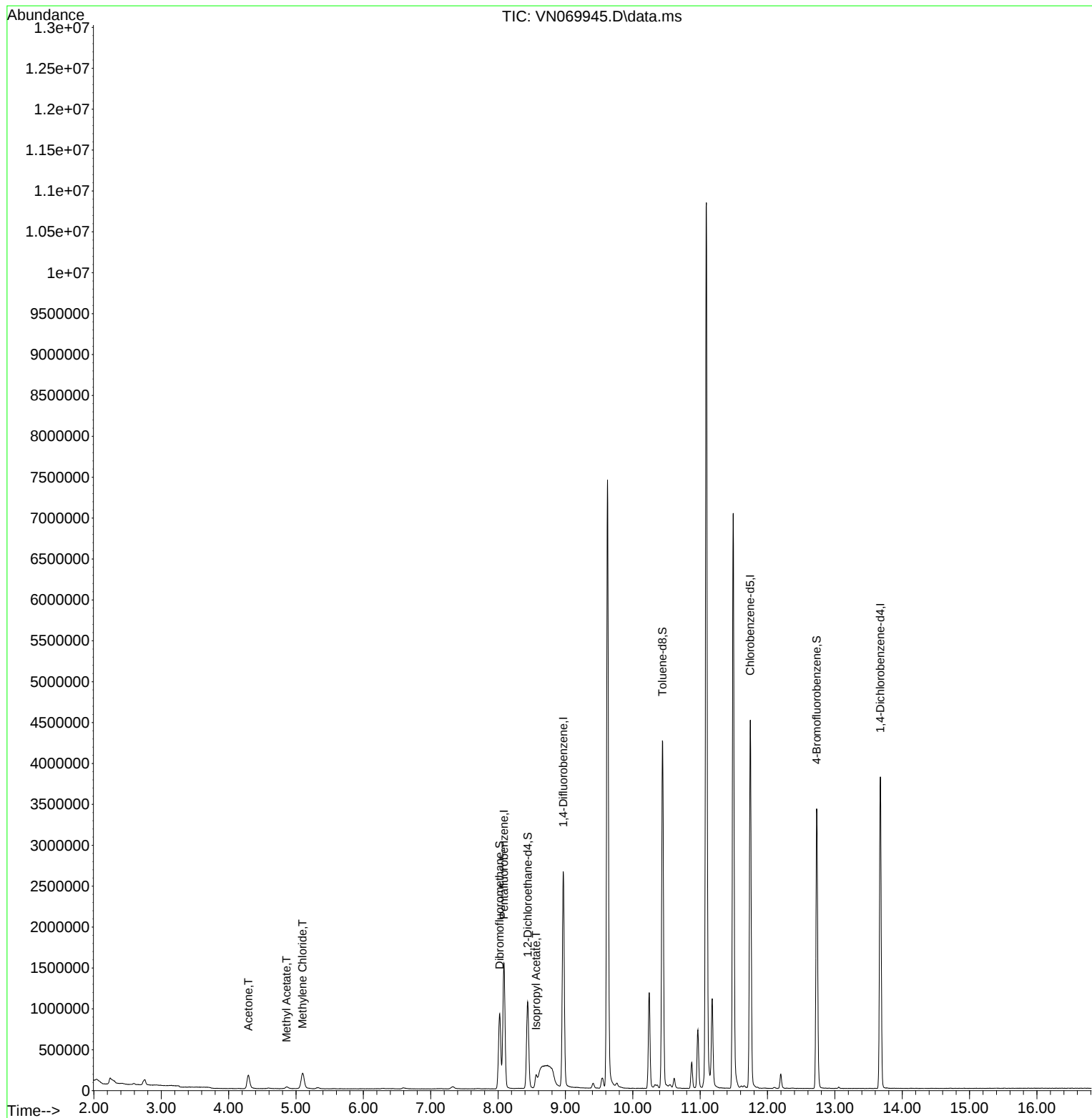
Internal Standards						
1) Pentafluorobenzene	8.088	168	1118583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2171570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2479427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	998550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	914033	52.923	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.840%
35) Dibromofluoromethane	8.024	113	669298	49.205	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.400%
50) Toluene-d8	10.440	98	2886435	52.848	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.731	95	1177869	59.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.060%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	316404	30.455	ug/l	97
18) Methyl Acetate	4.859	43	47891	1.527	ug/l #	73
20) Methylene Chloride	5.095	84	138971	10.062	ug/l	87
43) Isopropyl Acetate	8.566	43	199509	4.382	ug/l #	77

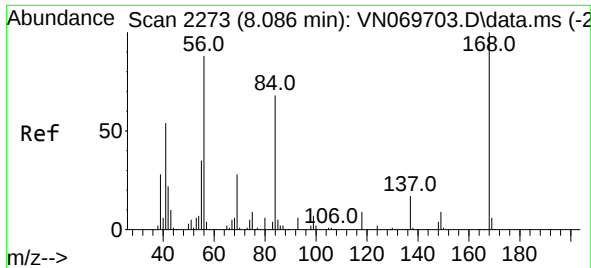
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 08:46:47 2021
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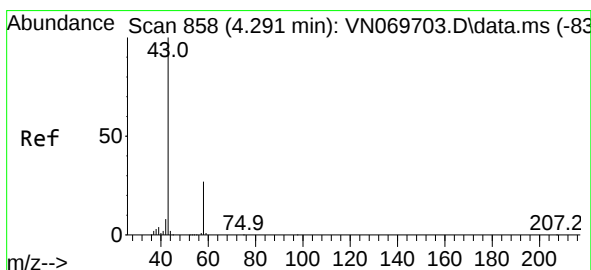
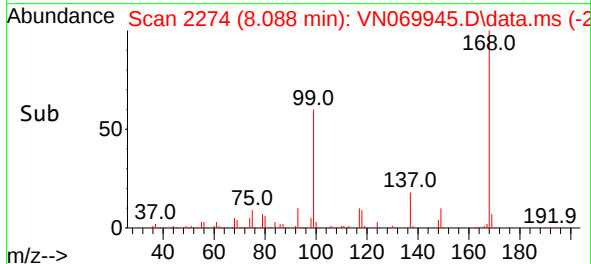
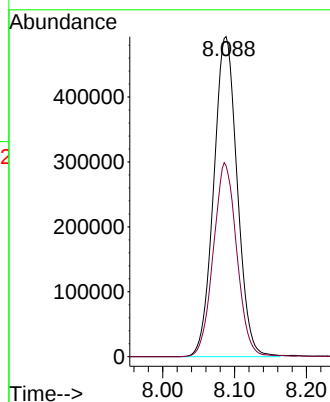
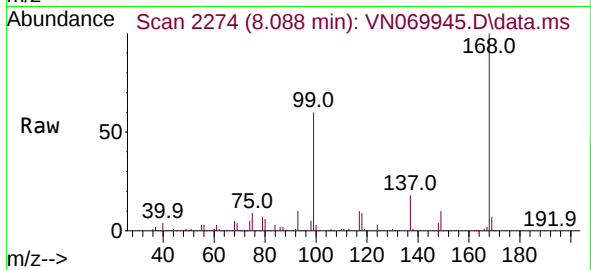




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069945.D
Acq: 10 Dec 2021 6:19

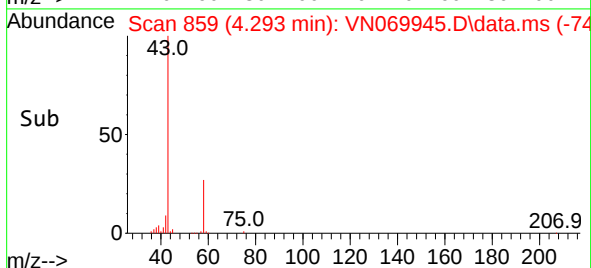
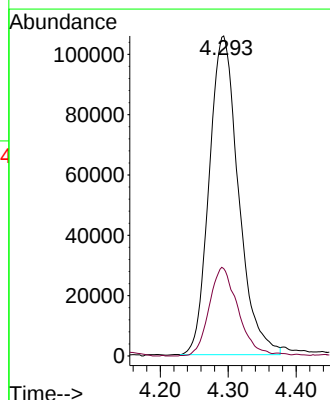
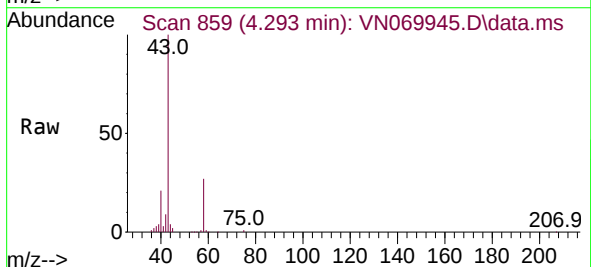
Instrument :
MSVOA_N
ClientSampleId :
P10-11

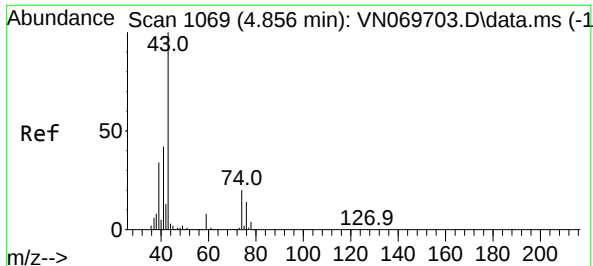
Tgt Ion:168 Resp: 1118583
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#16
Acetone
Concen: 30.455 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069945.D
Acq: 10 Dec 2021 6:19

Tgt Ion: 43 Resp: 316404
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#18

Methyl Acetate

Concen: 1.527 ug/l

RT: 4.859 min Scan# 110

Delta R.T. 0.003 min

Lab File: VN069945.D

Acq: 10 Dec 2021 6:19

Instrument :

MSVOA_N

ClientSampleId :

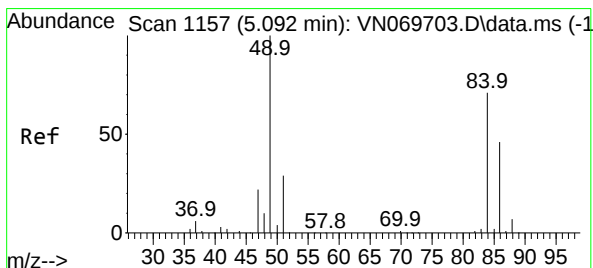
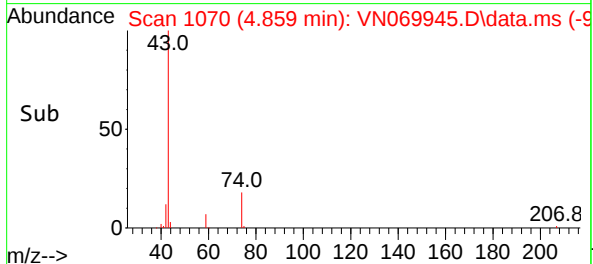
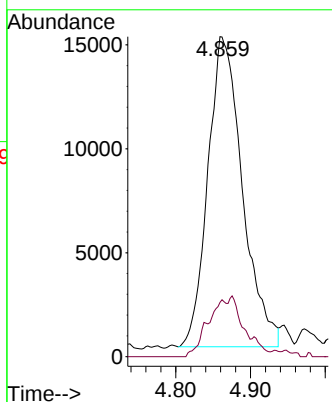
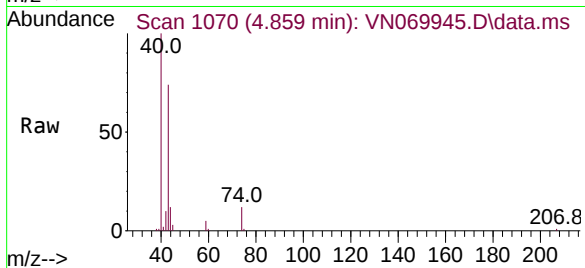
P10-11

Tgt Ion: 43 Resp: 47891

Ion Ratio Lower Upper

43 100

74 11.0 19.4 29.2#



#20

Methylene Chloride

Concen: 10.062 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069945.D

Acq: 10 Dec 2021 6:19

Tgt Ion: 84 Resp: 138971

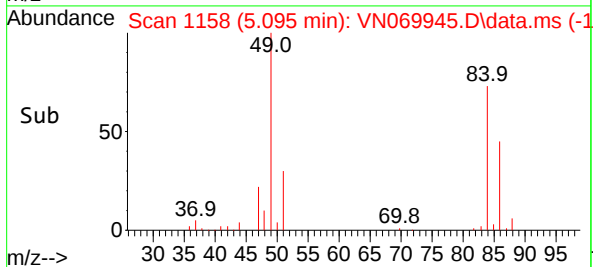
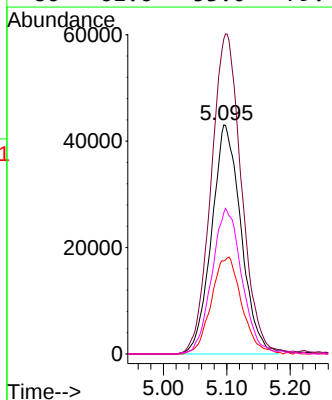
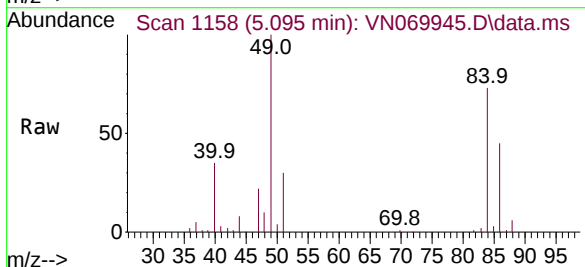
Ion Ratio Lower Upper

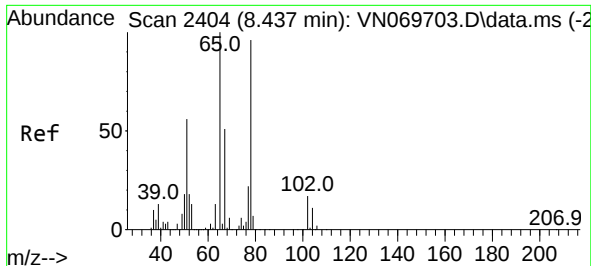
84 100

49 137.6 93.5 140.3

51 40.6 29.4 44.2

86 61.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 52.923 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069945.D

Acq: 10 Dec 2021 6:19

Instrument :

MSVOA_N

ClientSampleId :

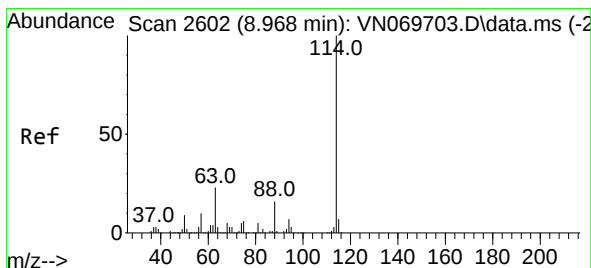
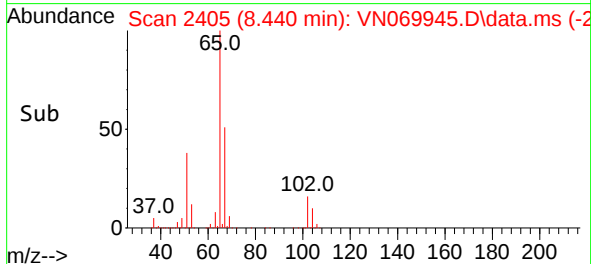
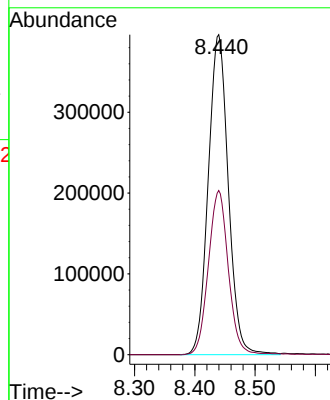
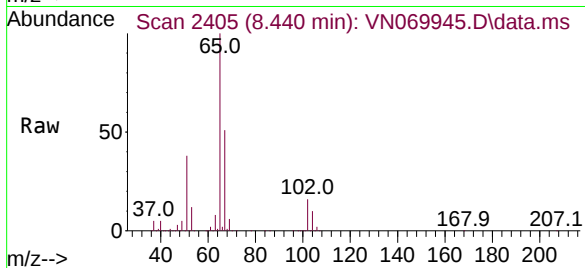
P10-11

Tgt Ion: 65 Resp: 914033

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: VN069945.D

Acq: 10 Dec 2021 6:19

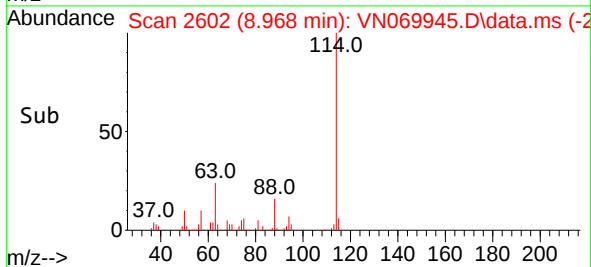
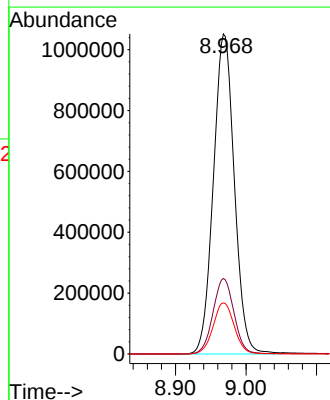
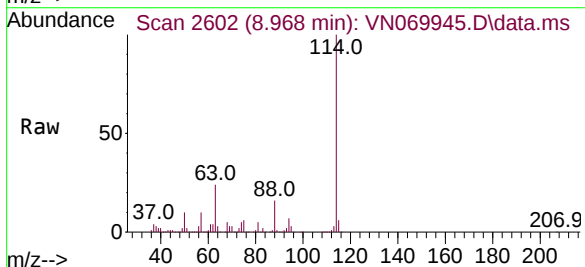
Tgt Ion: 114 Resp: 2171570

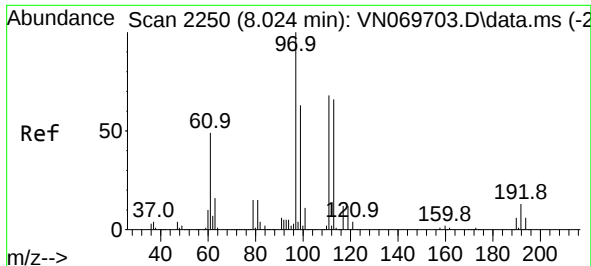
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.0 0.0 27.4

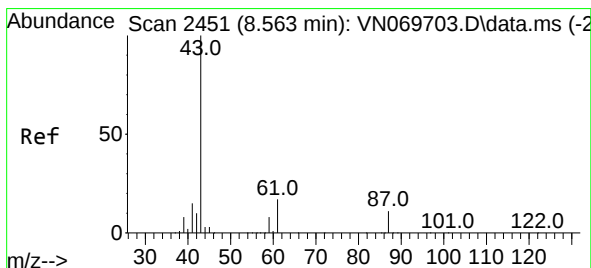
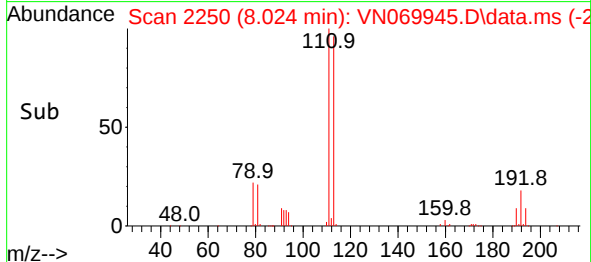
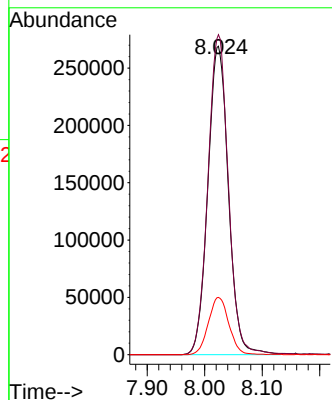
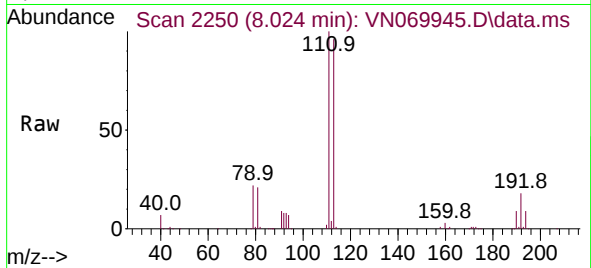




#35
 Dibromofluoromethane
 Concen: 49.205 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN069945.D
 Acq: 10 Dec 2021 6:19

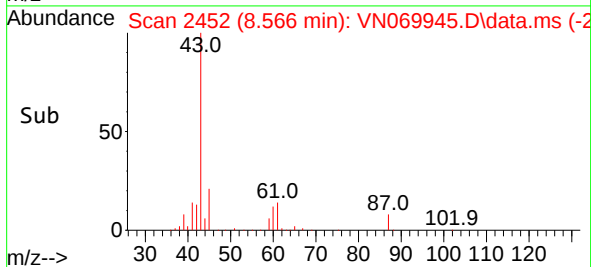
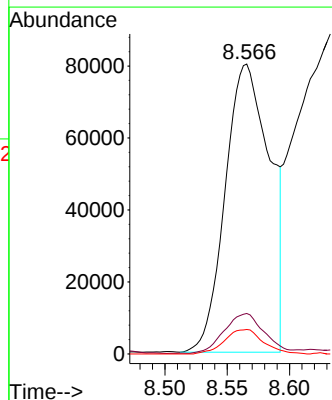
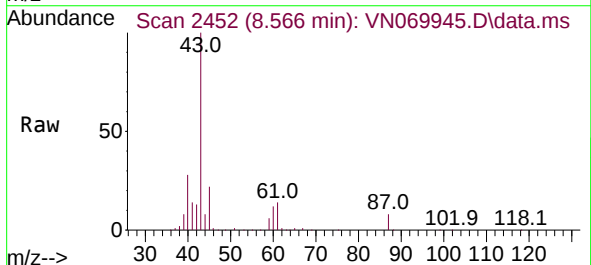
Instrument :
 MSVOA_N
 ClientSampleId :
 P10-11

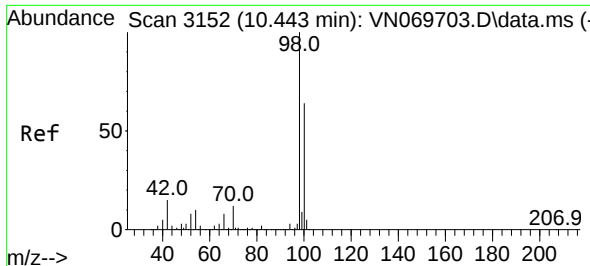
Tgt Ion:113 Resp: 669298
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 18.5 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 4.382 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN069945.D
 Acq: 10 Dec 2021 6:19

Tgt Ion: 43 Resp: 199509
 Ion Ratio Lower Upper
 43 100
 61 12.4 20.4 30.6#
 87 7.4 11.2 16.8#

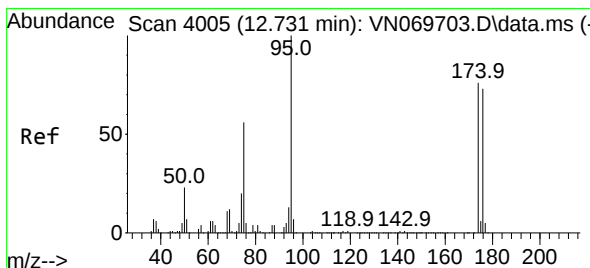
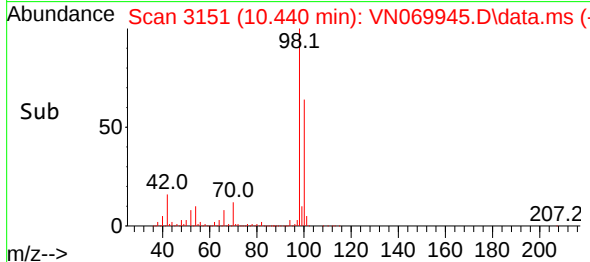
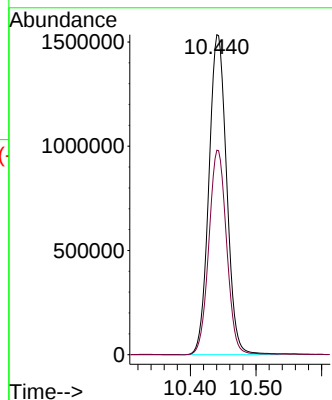
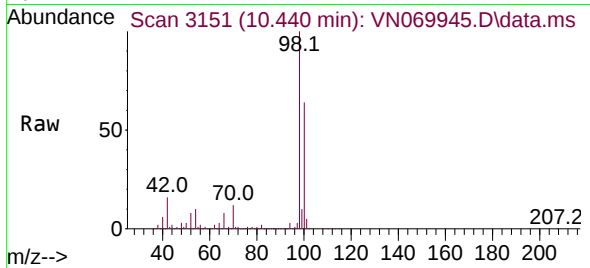




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069945.D
Acq: 10 Dec 2021 6:19

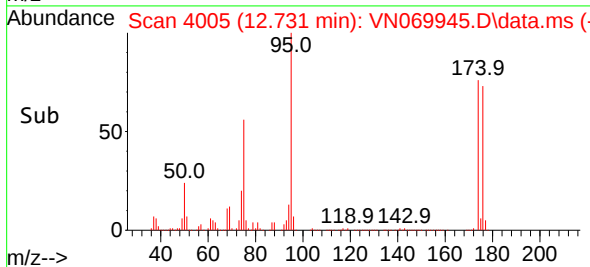
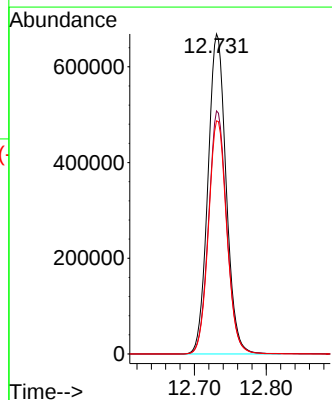
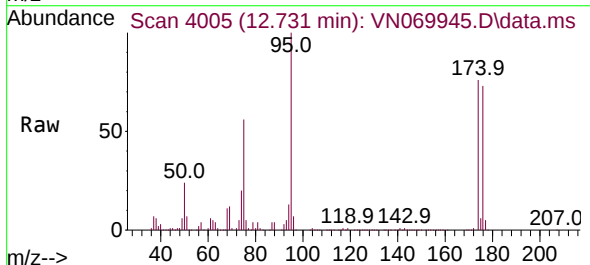
Instrument :
MSVOA_N
ClientSampleId :
P10-11

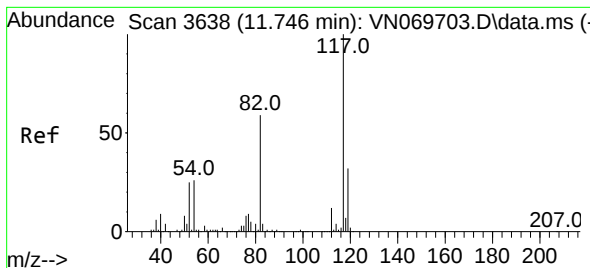
Tgt Ion: 98 Resp: 2886435
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 59.528 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069945.D
Acq: 10 Dec 2021 6:19

Tgt Ion: 95 Resp: 1177869
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN069945.D

Acq: 10 Dec 2021 6:19

Instrument :

MSVOA_N

ClientSampleId :

P10-11

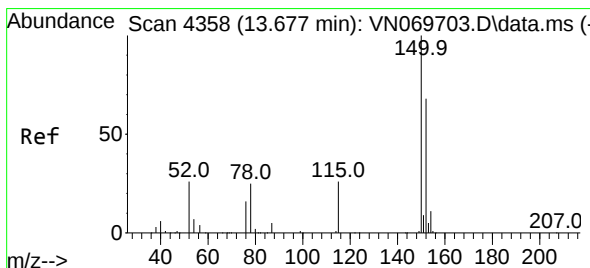
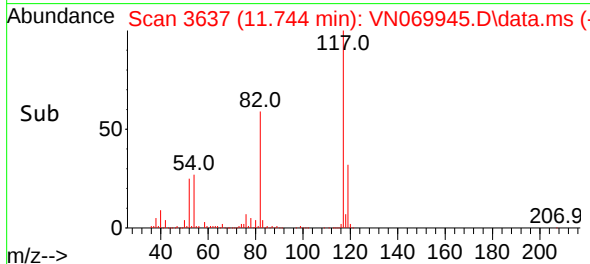
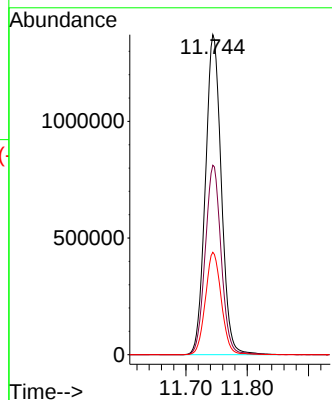
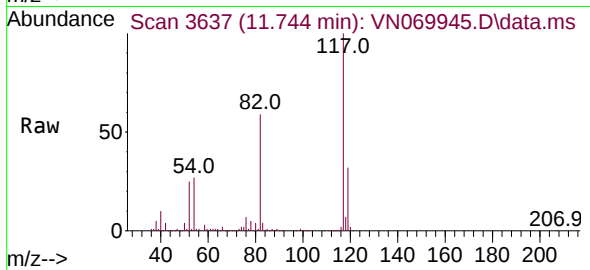
Tgt Ion:117 Resp: 2479427

Ion Ratio Lower Upper

117 100

82 59.2 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: VN069945.D

Acq: 10 Dec 2021 6:19

Tgt Ion:152 Resp: 998550

Ion Ratio Lower Upper

152 100

115 60.6 27.5 82.5

150 157.1 0.0 344.4

