

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070962.D
 Acq On : 16 Feb 2022 16:38
 Operator : JC\MD
 Sample : N1573-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26R

Quant Time: Feb 17 04:11:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

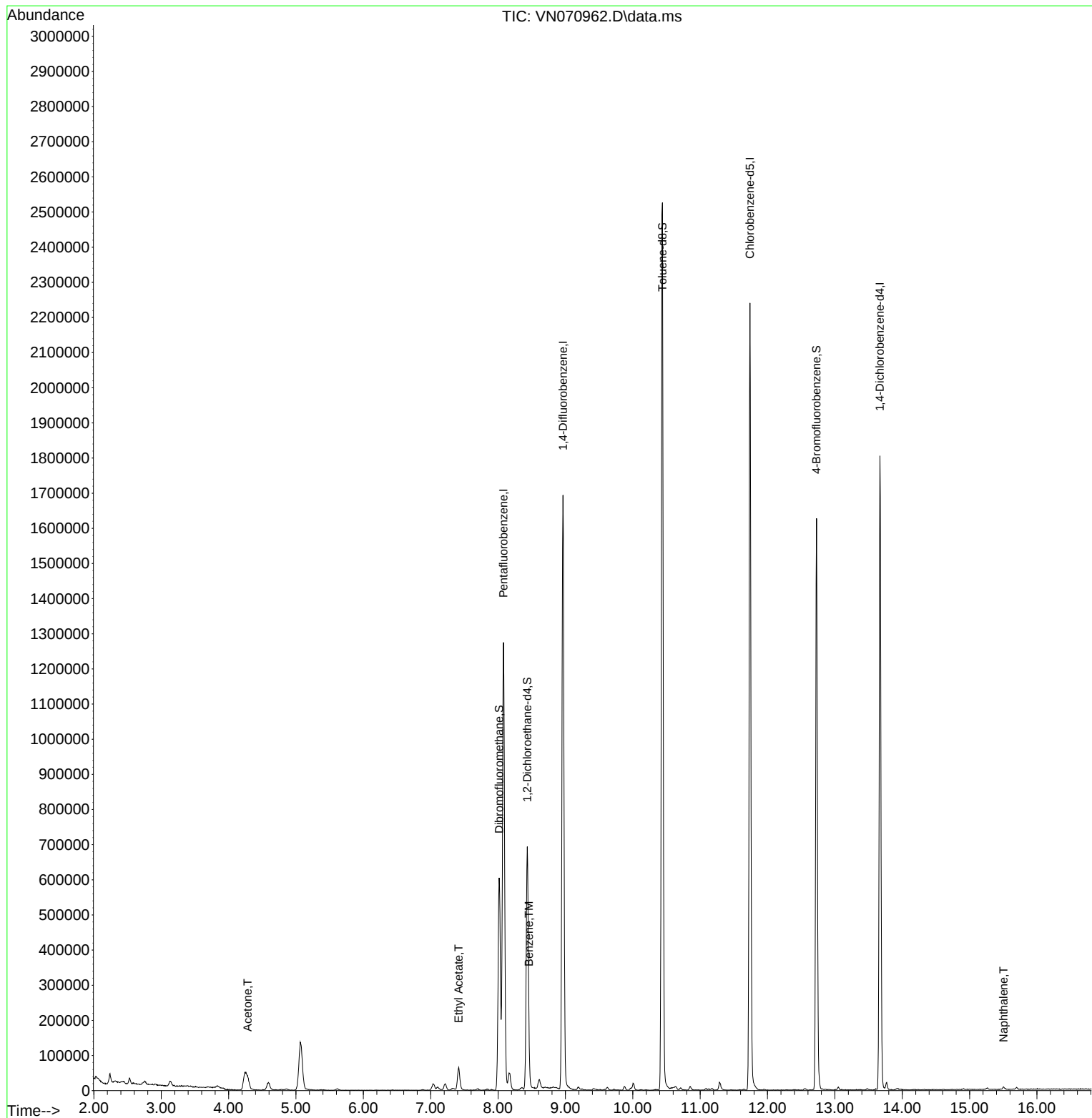
Internal Standards						
1) Pentafluorobenzene	8.081	168	1013365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1530728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1357415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	527191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	562030	48.552	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.100%
35) Dibromofluoromethane	8.016	113	455186	49.994	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.980%
50) Toluene-d8	10.439	98	1808603	49.464	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.727	95	582027	44.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.060%
Target Compounds						
					Qvalue	
16) Acetone	4.281	43	78761	12.355	ug/l	98
37) Ethyl Acetate	7.416	43	101885	6.369	ug/l	98
40) Benzene	8.457	78	13356	0.303	ug/l	91
95) Naphthalene	15.504	128	7112	5.261	ug/l #	94

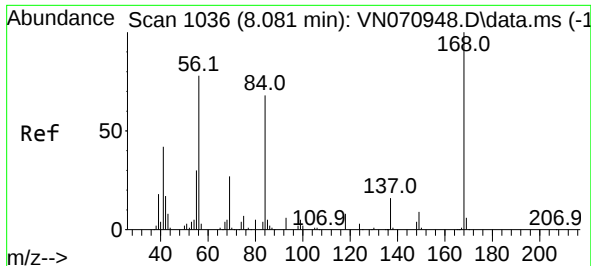
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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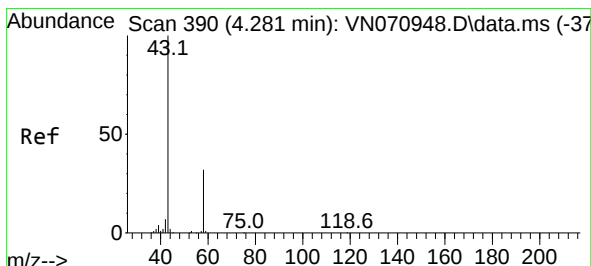
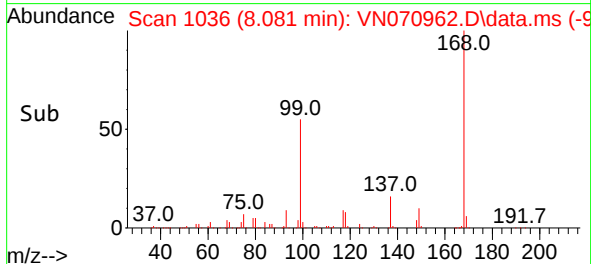
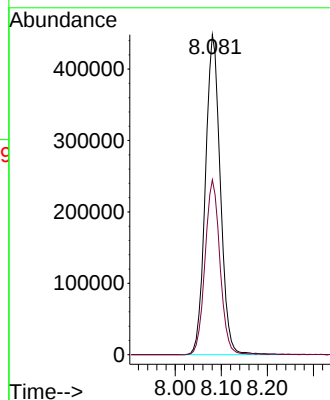
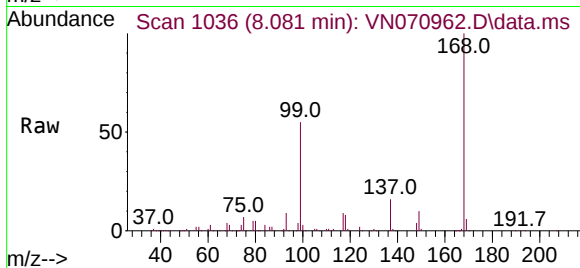




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 16:38

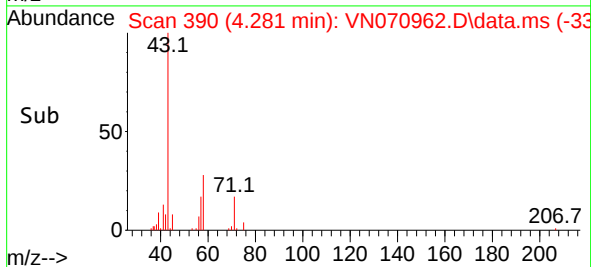
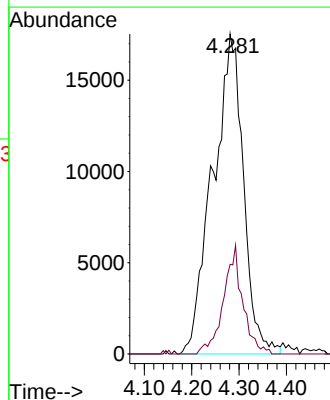
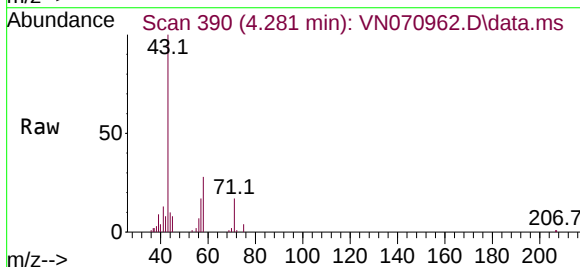
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

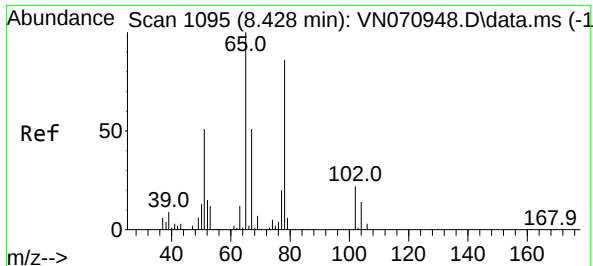
Tgt Ion:168 Resp: 1013365
Ion Ratio Lower Upper
168 100
99 54.7 41.3 61.9



#16
Acetone
Concen: 12.355 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 16:38

Tgt Ion: 43 Resp: 78761
Ion Ratio Lower Upper
43 100
58 28.0 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 48.552 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN070962.D

Acq: 16 Feb 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

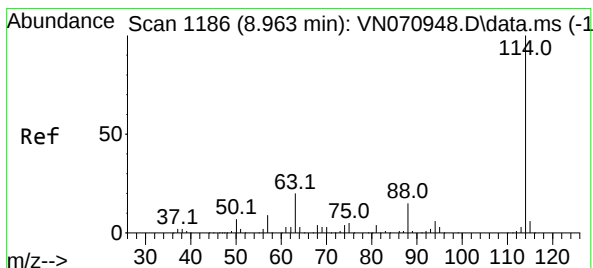
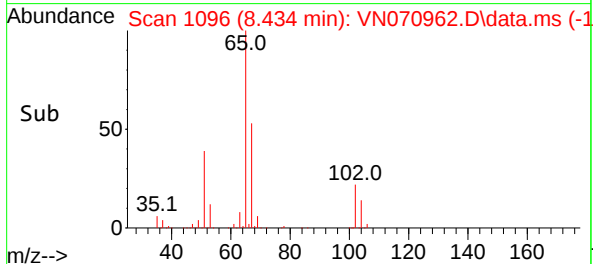
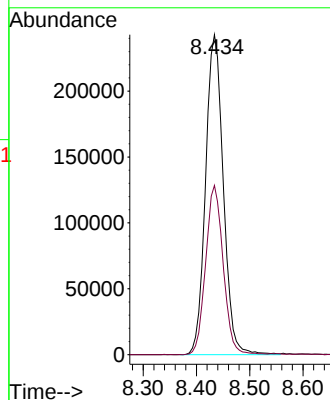
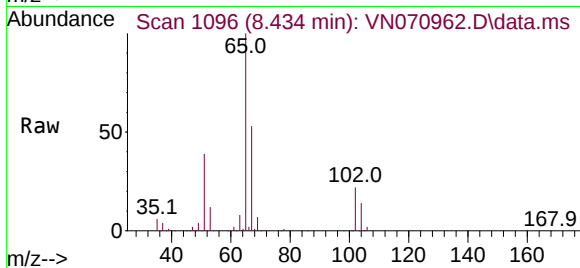
MW-26R

Tgt Ion: 65 Resp: 562030

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN070962.D

Acq: 16 Feb 2022 16:38

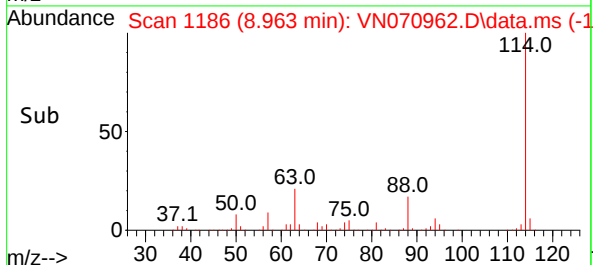
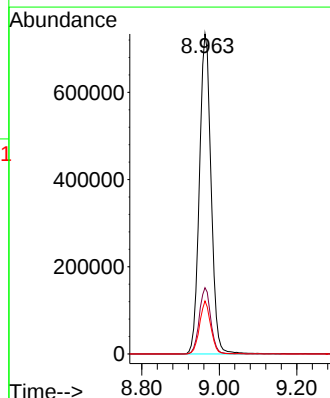
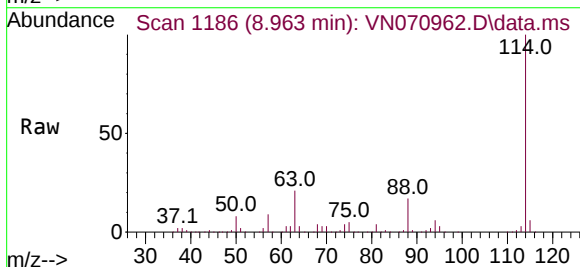
Tgt Ion:114 Resp: 1530728

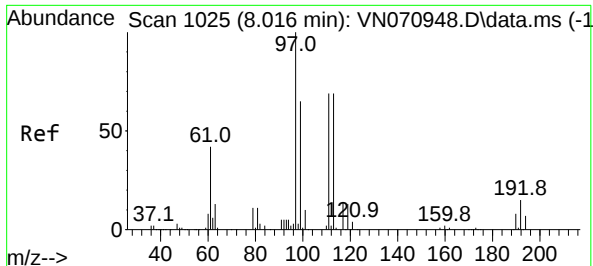
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.8

88 16.5 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.994 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN070962.D

Acq: 16 Feb 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

MW-26R

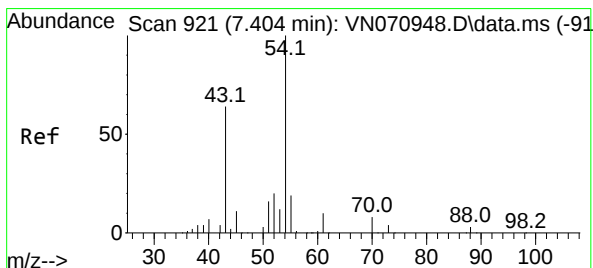
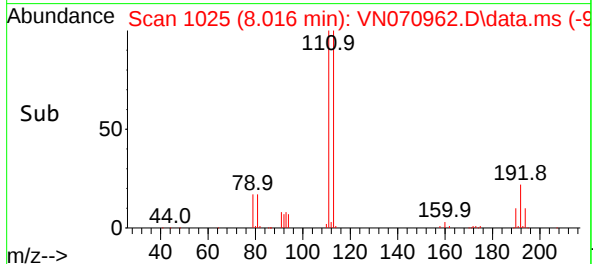
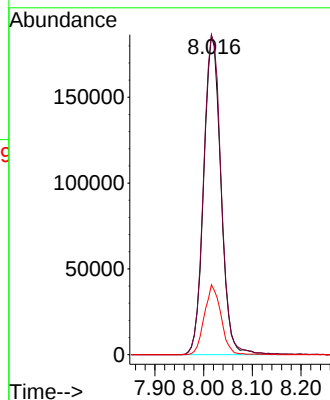
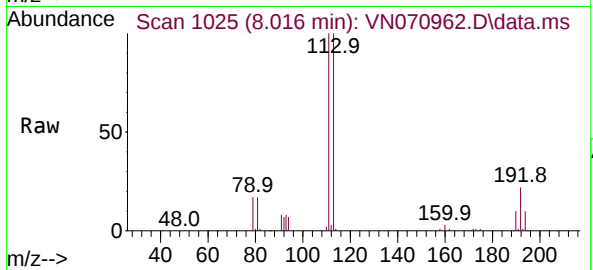
Tgt Ion:113 Resp: 455186

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 21.1 16.9 25.3



#37

Ethyl Acetate

Concen: 6.369 ug/l

RT: 7.416 min Scan# 923

Delta R.T. 0.012 min

Lab File: VN070962.D

Acq: 16 Feb 2022 16:38

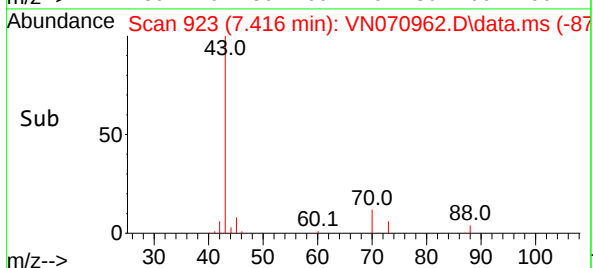
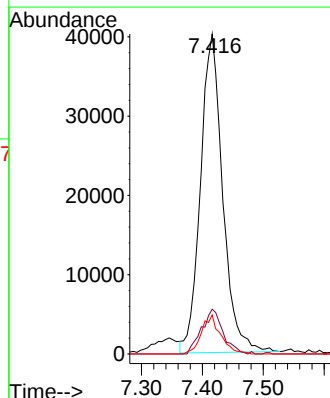
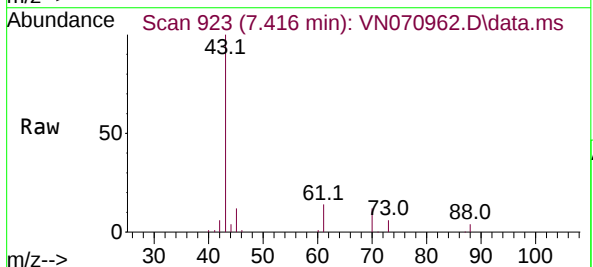
Tgt Ion: 43 Resp: 101885

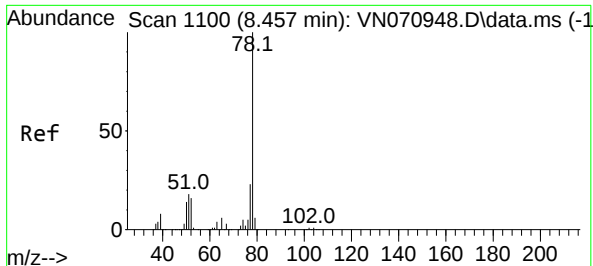
Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

70 10.5 7.9 11.9

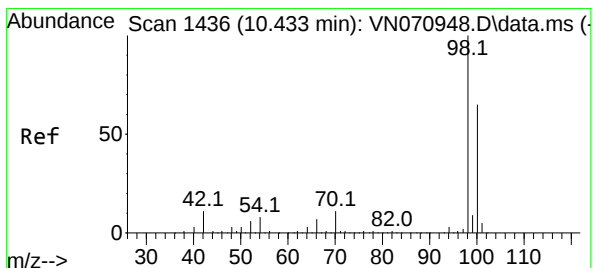
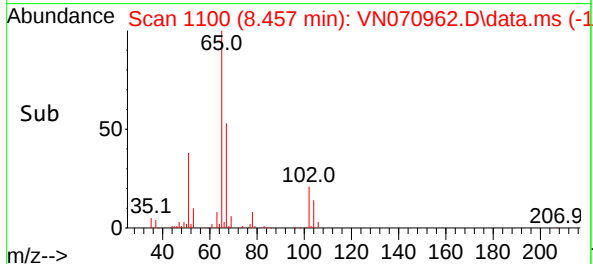
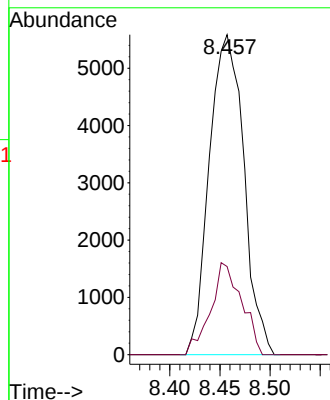
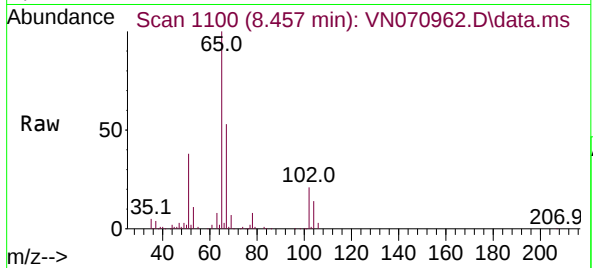




#40
Benzene
Concen: 0.303 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 16:38

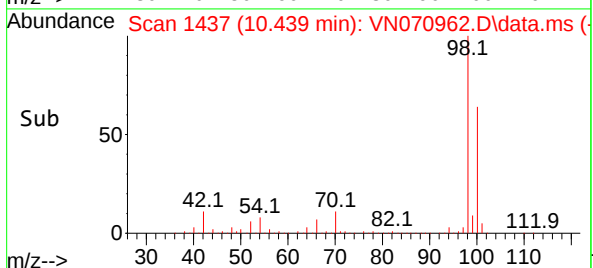
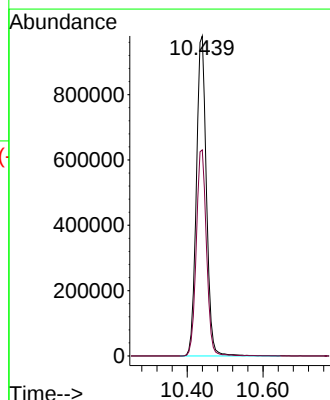
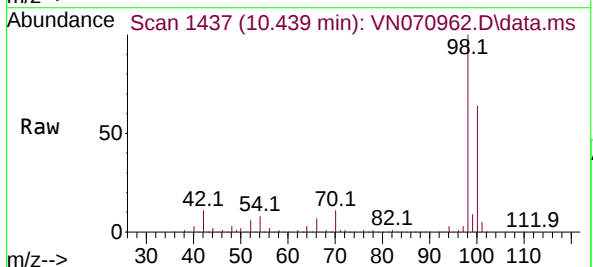
Instrument :
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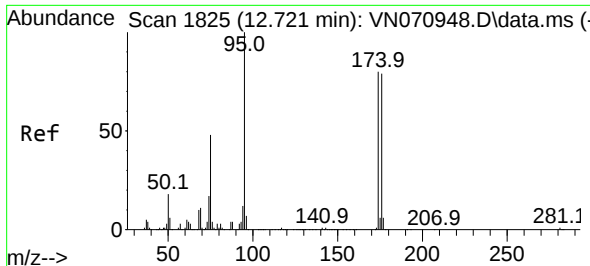
Tgt Ion: 78 Resp: 13356
Ion Ratio Lower Upper
78 100
77 27.6 18.6 27.8



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 16:38

Tgt Ion: 98 Resp: 1808603
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

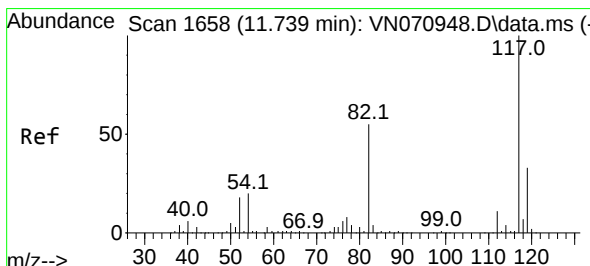
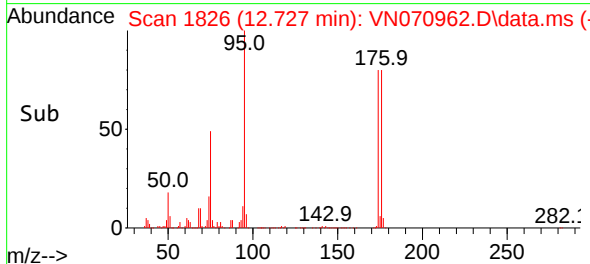
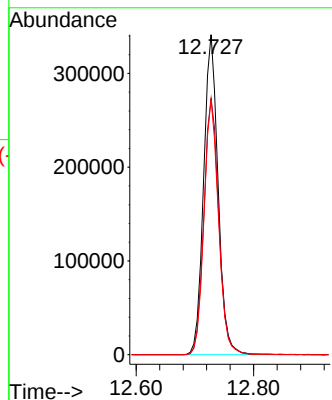
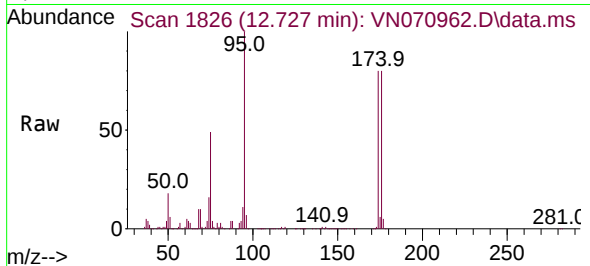




#62
4-Bromofluorobenzene
Concen: 44.533 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 16:38

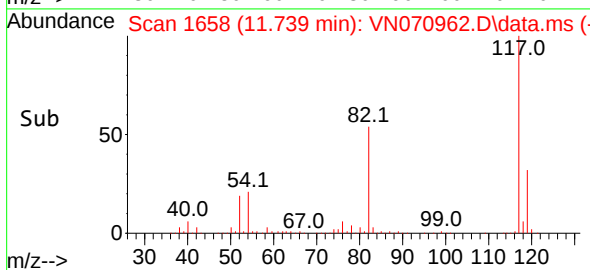
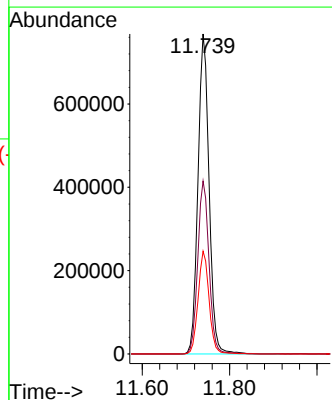
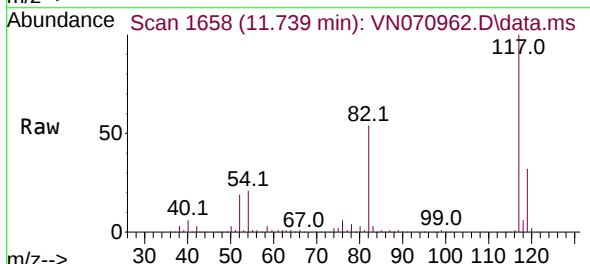
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

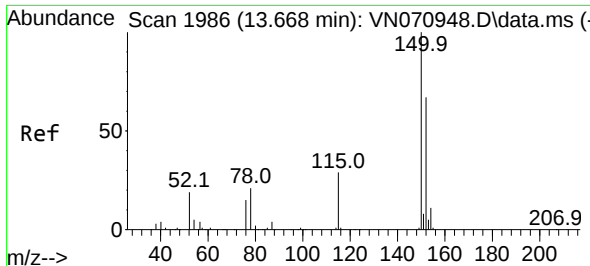
Tgt Ion: 95 Resp: 582027
Ion Ratio Lower Upper
95 100
174 82.8 0.0 187.2
176 79.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 16:38

Tgt Ion: 117 Resp: 1357415
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.1 25.4 38.2

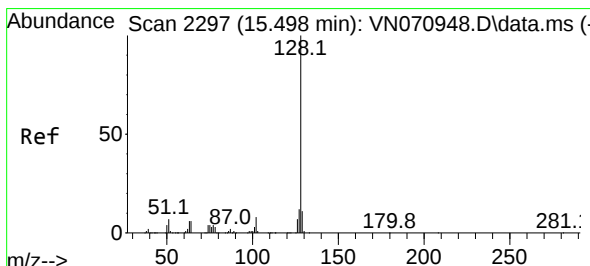
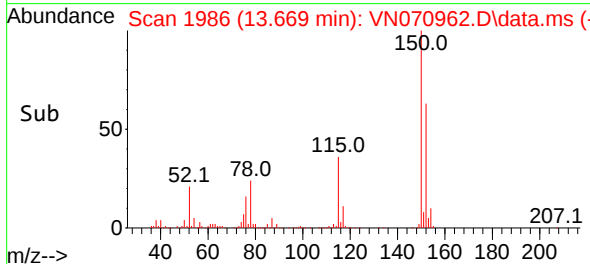
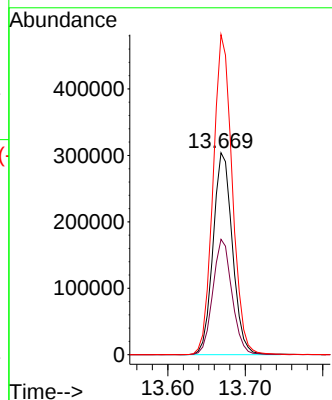
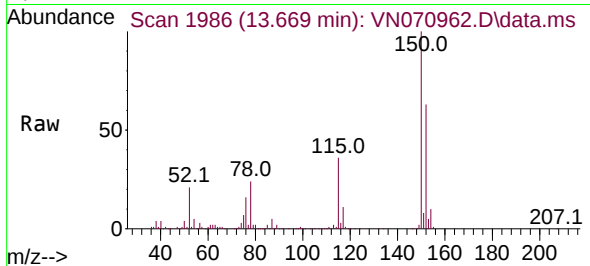




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN070962.D
 Acq: 16 Feb 2022 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26R

Tgt Ion:152 Resp: 527191
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.5 82.5
 150 157.3 0.0 344.4



#95
 Naphthalene
 Concen: 5.261 ug/l
 RT: 15.504 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VN070962.D
 Acq: 16 Feb 2022 16:38

Tgt Ion:128 Resp: 7112
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.5 15.7
 129 14.6 8.7 13.1#

