

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076070.D
 Acq On : 03 Jan 2023 17:51
 Operator : JC\MD
 Sample : N6232-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jan 04 04:20:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

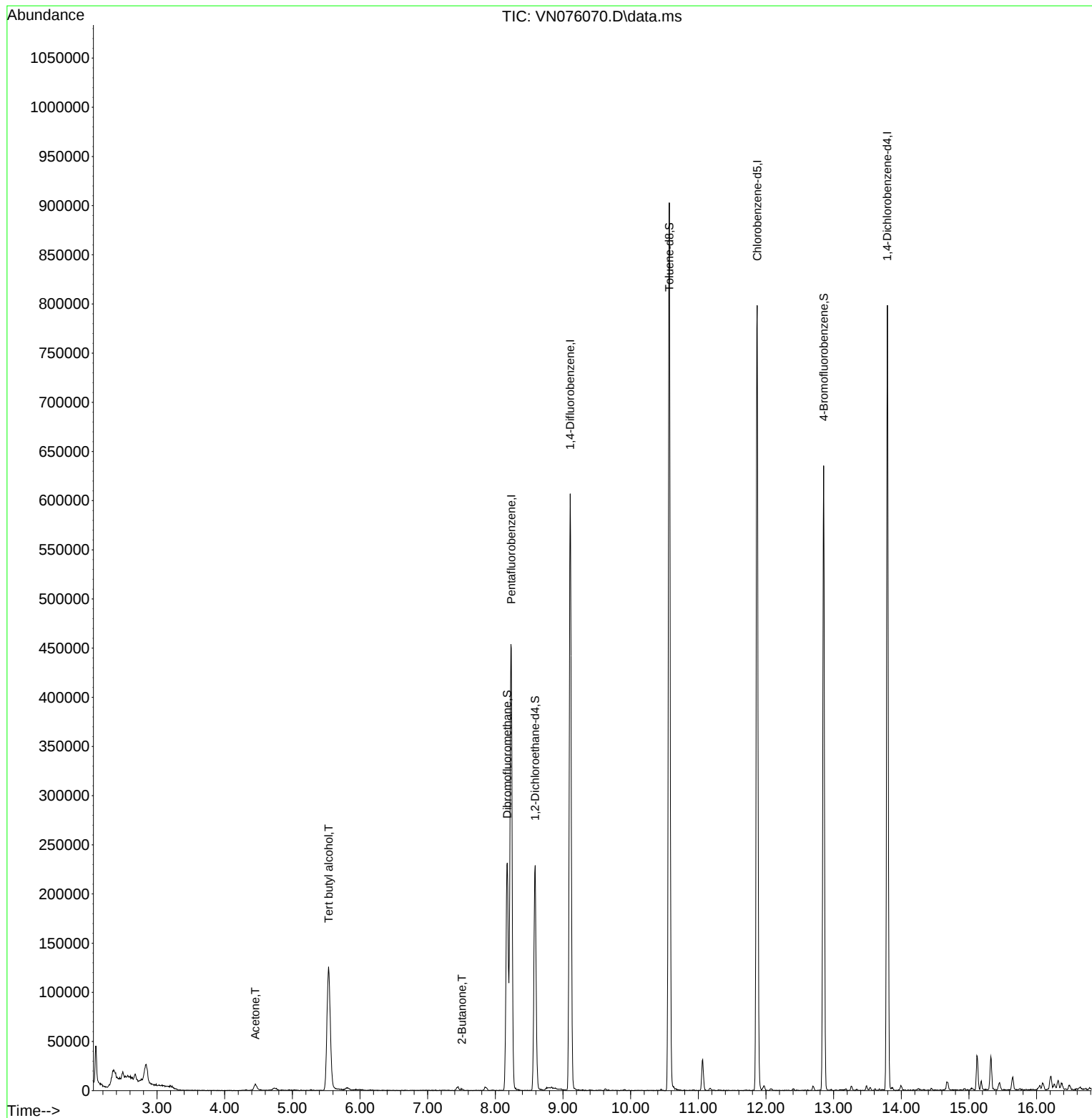
Internal Standards						
1) Pentafluorobenzene	8.235	168	364032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	564126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	497641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	186148	47.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.000%
35) Dibromofluoromethane	8.177	113	170819	48.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	10.571	98	641214	49.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.853	95	208826	48.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	237381	423.606	ug/l	99
16) Acetone	4.453	43	11575	8.479	ug/l	92
25) 2-Butanone	7.506	43	2443	1.278	ug/l #	69

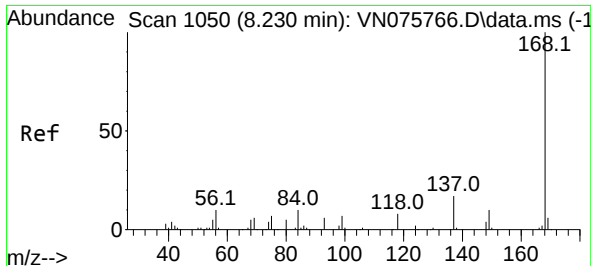
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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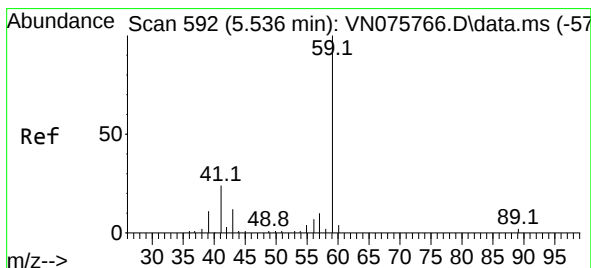
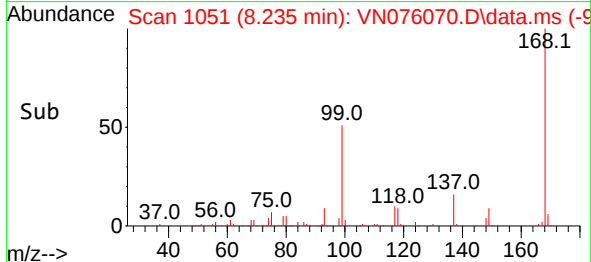
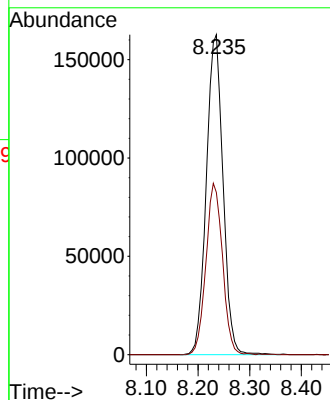
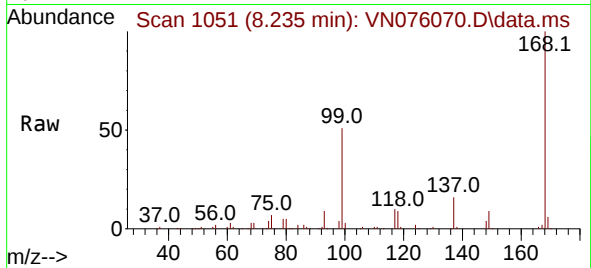




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076070.D
Acq: 03 Jan 2023 17:51

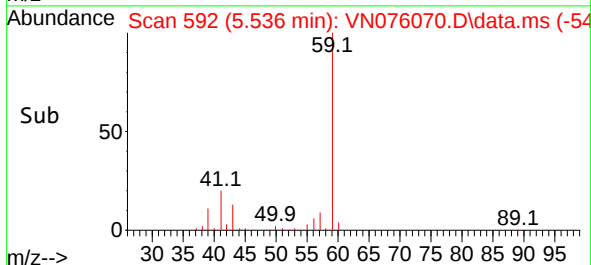
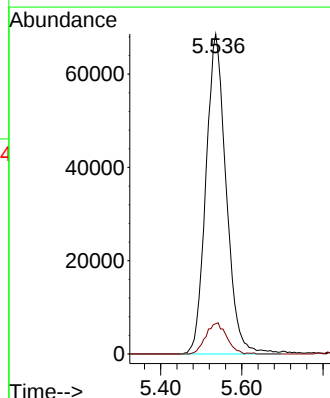
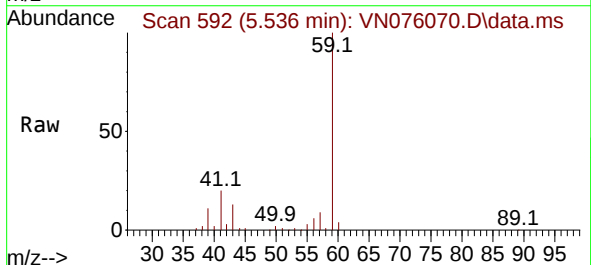
Instrument :
MSVOA_N
ClientSampleId :
MW-2

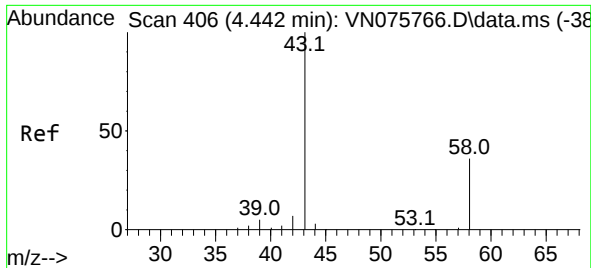
Tgt Ion:168 Resp: 364032
Ion Ratio Lower Upper
168 100
99 50.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 423.606 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076070.D
Acq: 03 Jan 2023 17:51

Tgt Ion: 59 Resp: 237381
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4





#16

Acetone

Concen: 8.479 ug/l

RT: 4.453 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN076070.D

Acq: 03 Jan 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

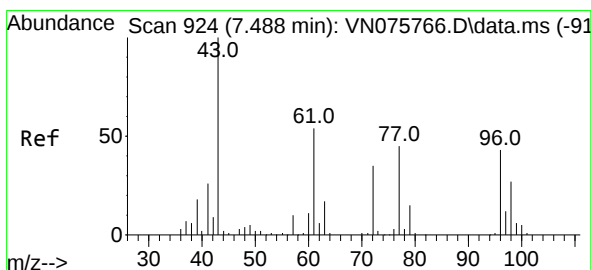
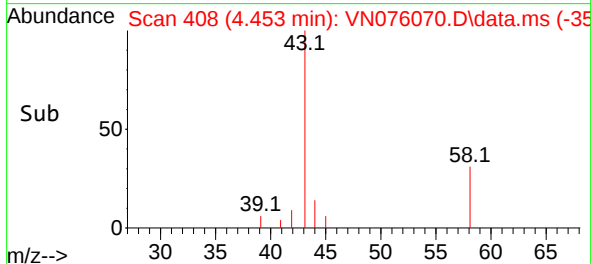
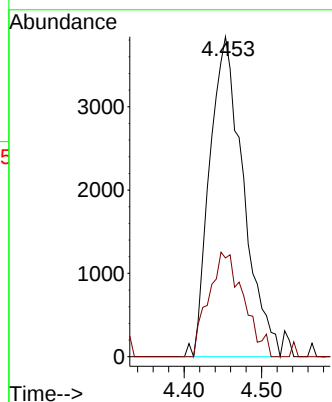
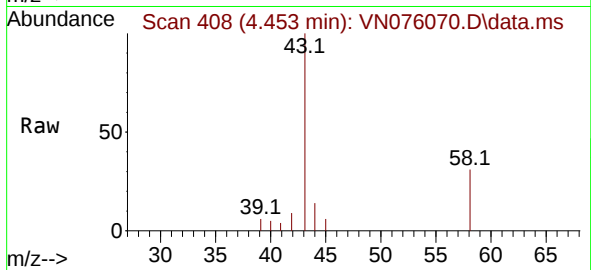
MW-2

Tgt Ion: 43 Resp: 11575

Ion Ratio Lower Upper

43 100

58 30.9 28.6 43.0



#25

2-Butanone

Concen: 1.278 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.018 min

Lab File: VN076070.D

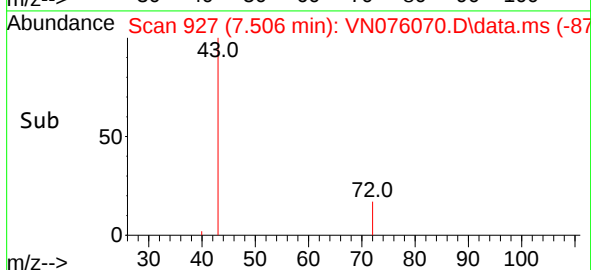
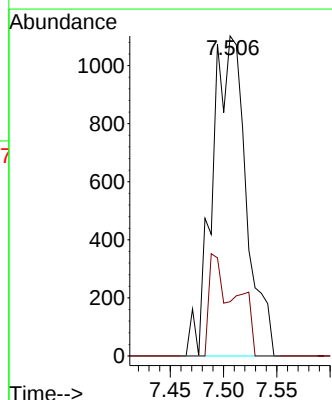
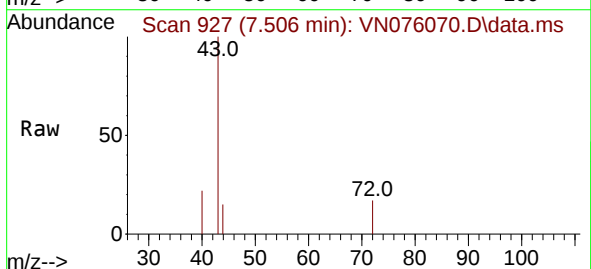
Acq: 03 Jan 2023 17:51

Tgt Ion: 43 Resp: 2443

Ion Ratio Lower Upper

43 100

72 17.0 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 47.003 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076070.D

Acq: 03 Jan 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

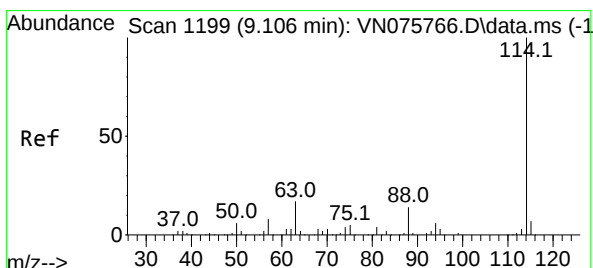
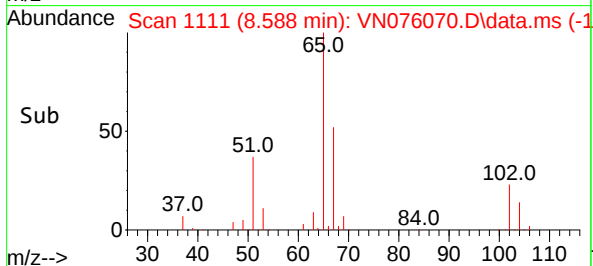
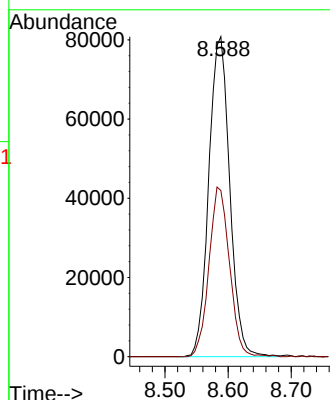
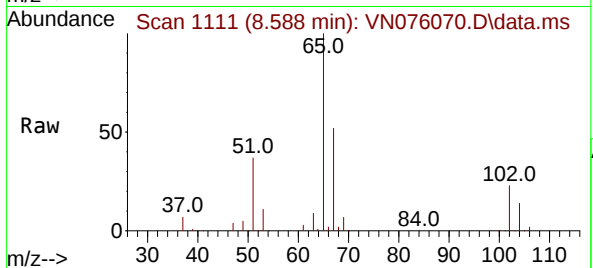
MW-2

Tgt Ion: 65 Resp: 186148

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076070.D

Acq: 03 Jan 2023 17:51

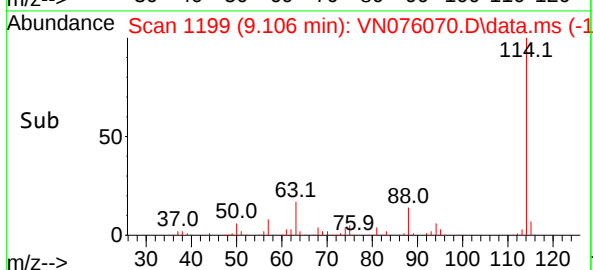
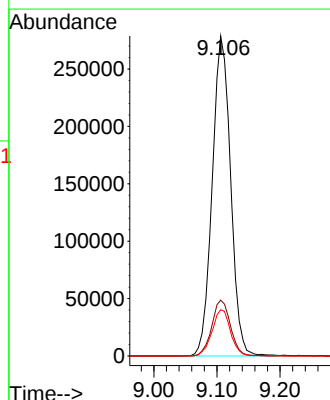
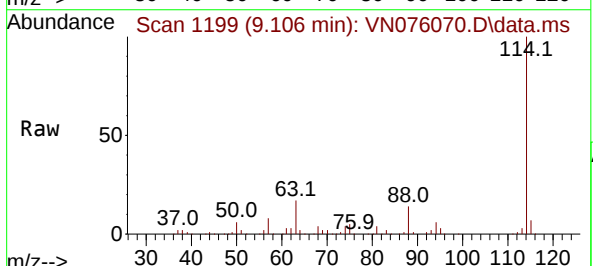
Tgt Ion: 114 Resp: 564126

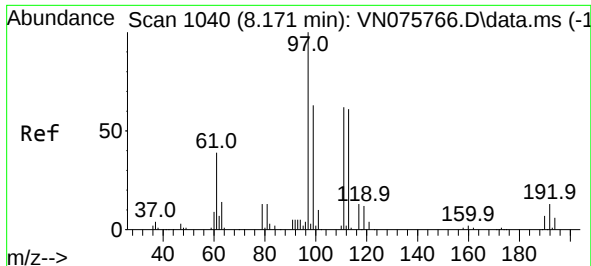
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.896 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076070.D

Acq: 03 Jan 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

MW-2

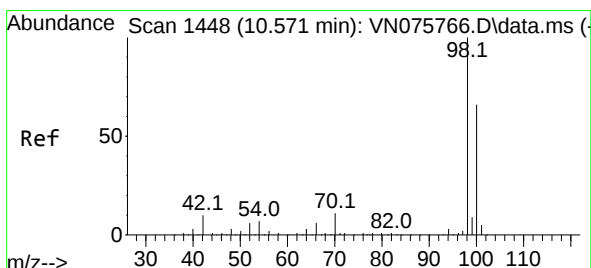
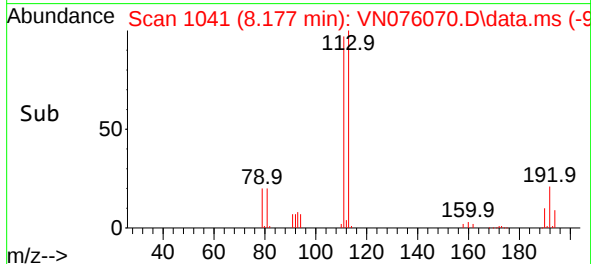
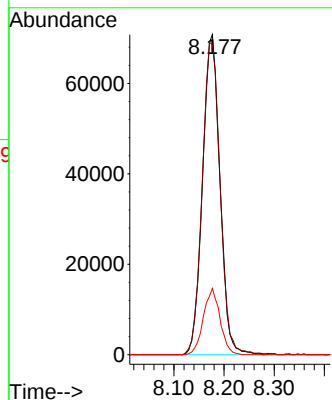
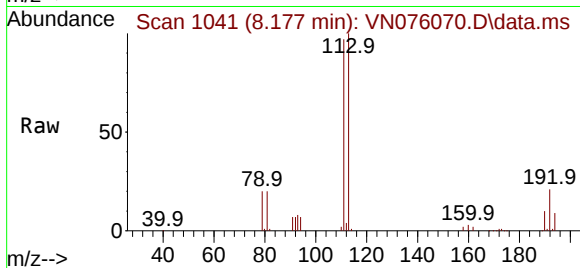
Tgt Ion:113 Resp: 170819

Ion Ratio Lower Upper

113 100

111 100.4 83.4 125.2

192 19.7 16.1 24.1



#50

Toluene-d8

Concen: 49.090 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076070.D

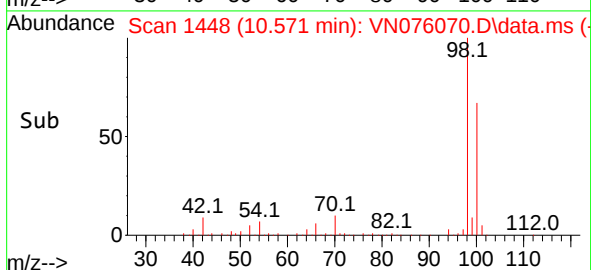
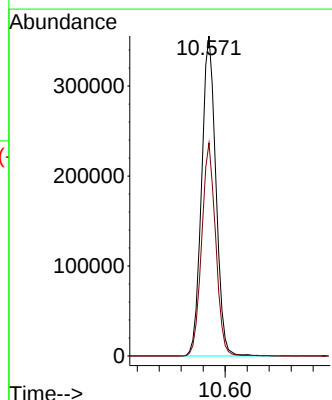
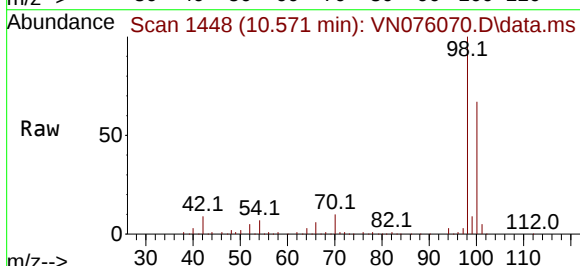
Acq: 03 Jan 2023 17:51

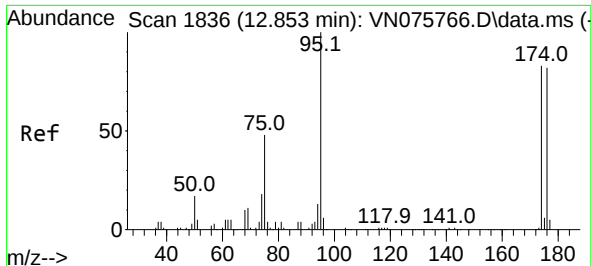
Tgt Ion: 98 Resp: 641214

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

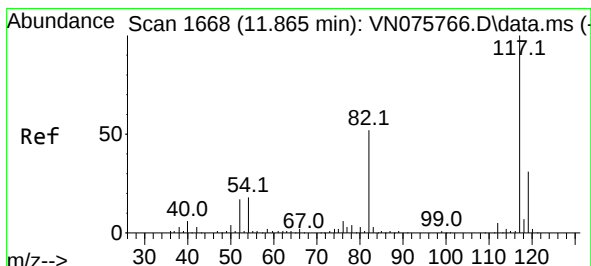
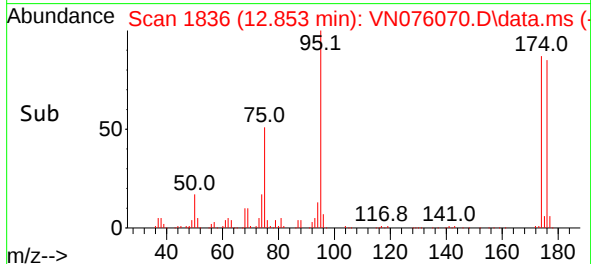
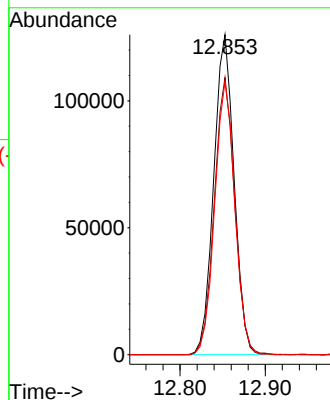
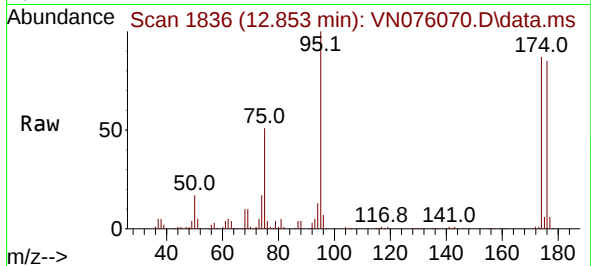




#62
4-Bromofluorobenzene
Concen: 48.269 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076070.D
Acq: 03 Jan 2023 17:51

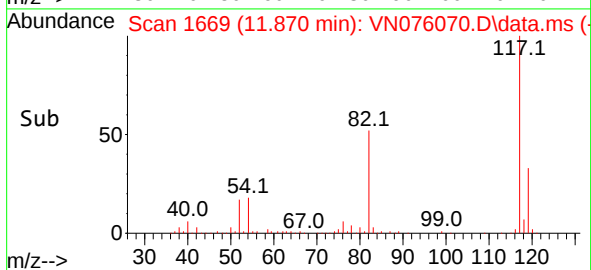
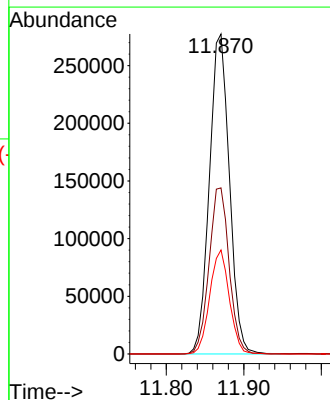
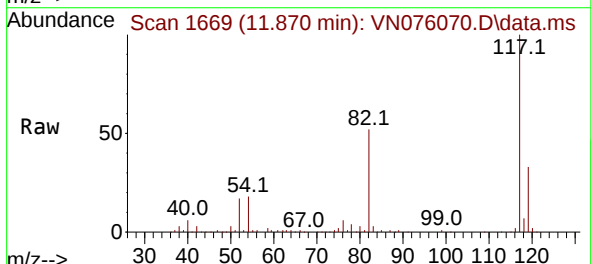
Instrument :
MSVOA_N
ClientSampleId :
MW-2

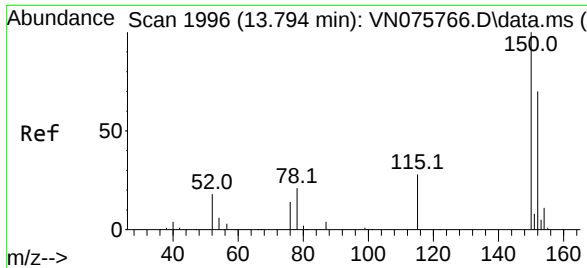
Tgt Ion: 95 Resp: 208826
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 84.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076070.D
Acq: 03 Jan 2023 17:51

Tgt Ion: 117 Resp: 497641
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.5 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076070.D
 Acq: 03 Jan 2023 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 222356
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.1 87.4
 150 156.4 0.0 347.0

