

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076005.D
 Acq On : 28 Dec 2022 17:20
 Operator : JC\MD
 Sample : N6213-07 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-7

Quant Time: Dec 29 04:54:46 2022
 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)

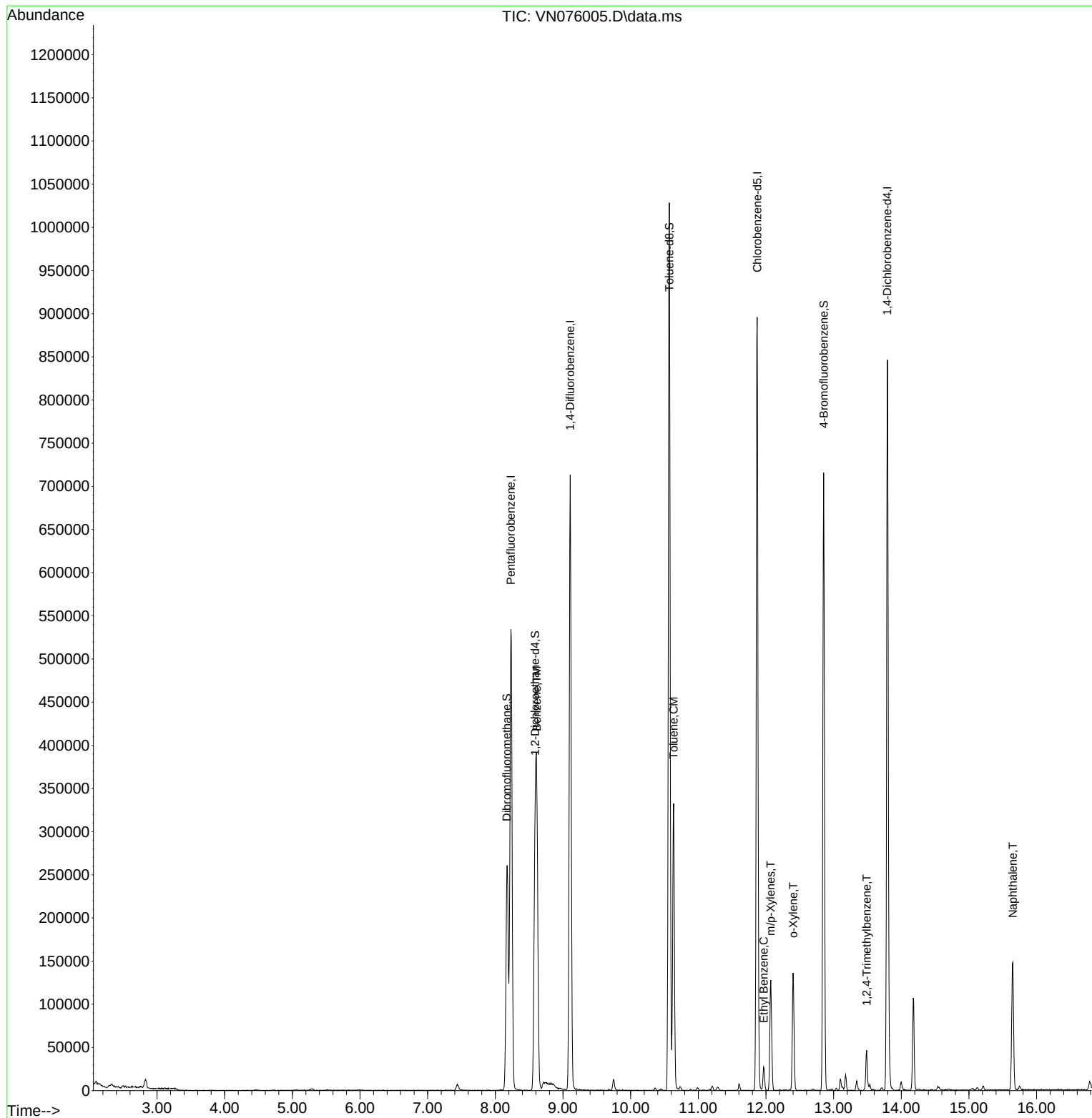
Internal Standards						
1) Pentafluorobenzene	8.230	168	429926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	209564	44.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.620%
35) Dibromofluoromethane	8.171	113	188800	46.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	10.571	98	741266	48.934	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.853	95	236728	47.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	337918	20.350	ug/l	97
52) Toluene	10.635	92	151892	14.045	ug/l	98
67) Ethyl Benzene	11.965	91	19552	1.009	ug/l	98
68) m/p-Xylenes	12.071	106	43959	5.731	ug/l	96
69) o-Xylene	12.406	106	40249	5.303	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	28372	1.974	ug/l	96
95) Naphthalene	15.647	128	148724	13.089	ug/l	99

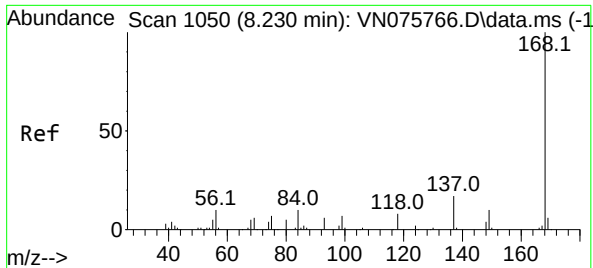
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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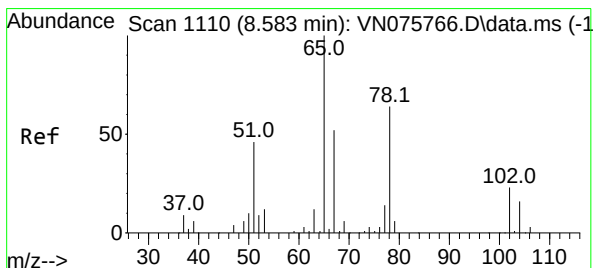
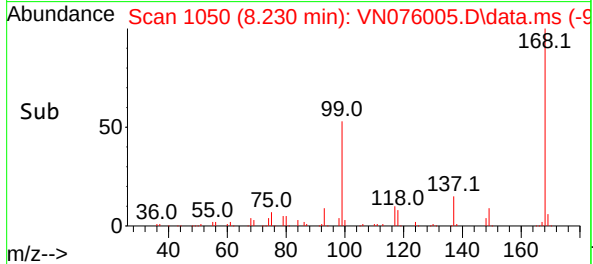
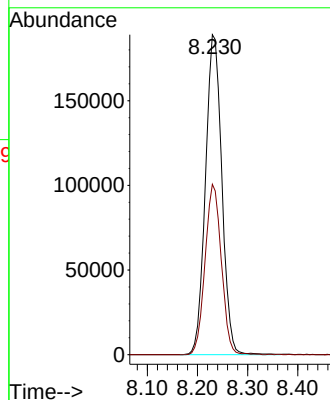
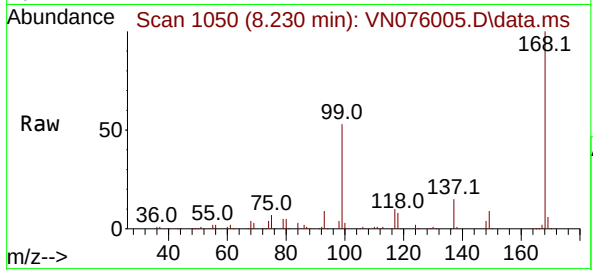




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

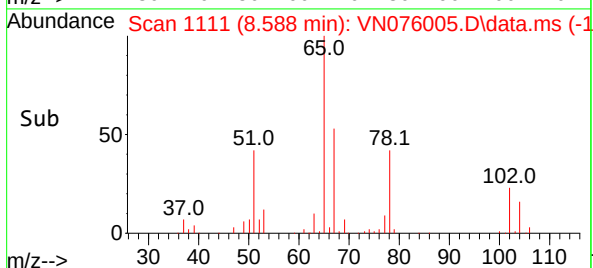
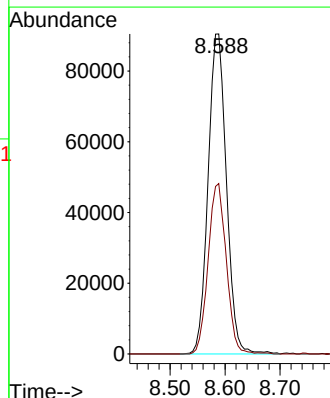
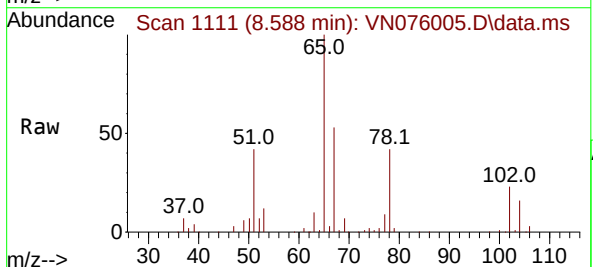
Instrument :
MSVOA_N
ClientSampleId :
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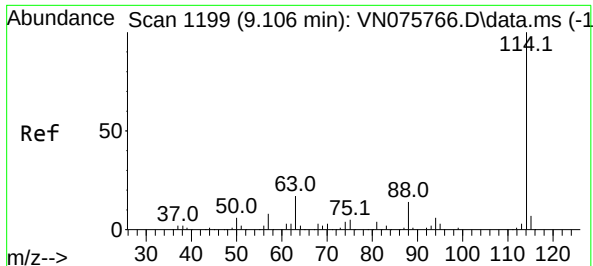
Tgt Ion:168 Resp: 429926
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 44.806 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

Tgt Ion: 65 Resp: 209564
Ion Ratio Lower Upper
65 100
67 52.8 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: VN076005.D

Acq: 28 Dec 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

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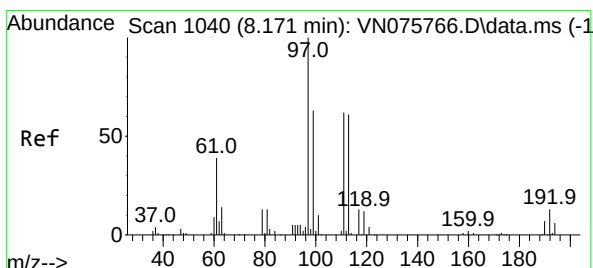
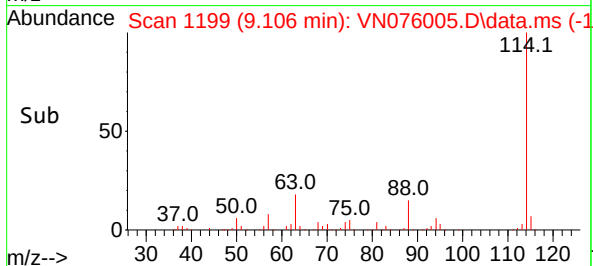
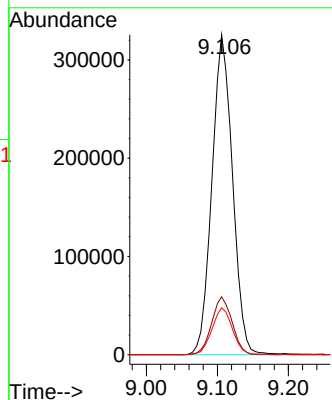
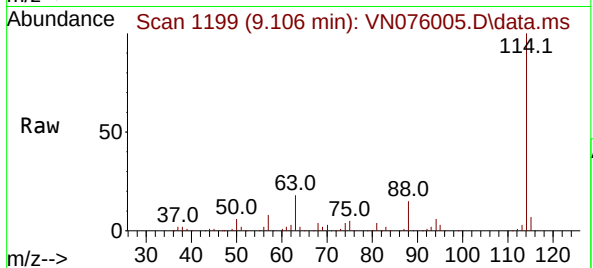
Tgt Ion:114 Resp: 654223

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.600 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076005.D

Acq: 28 Dec 2022 17:20

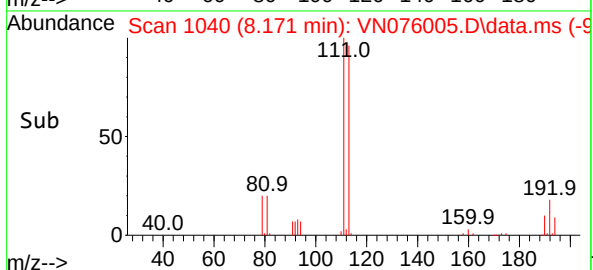
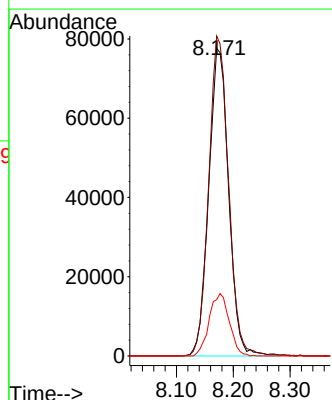
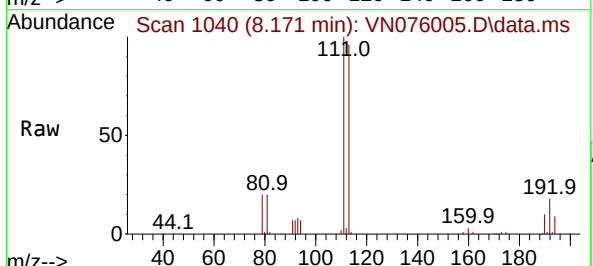
Tgt Ion:113 Resp: 188800

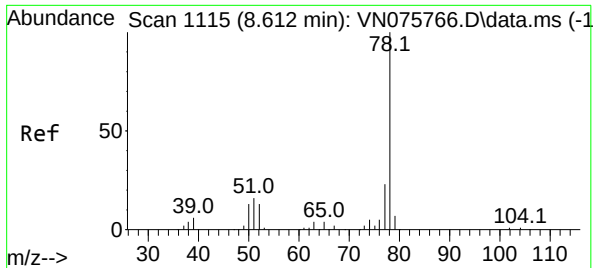
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 20.5 16.1 24.1

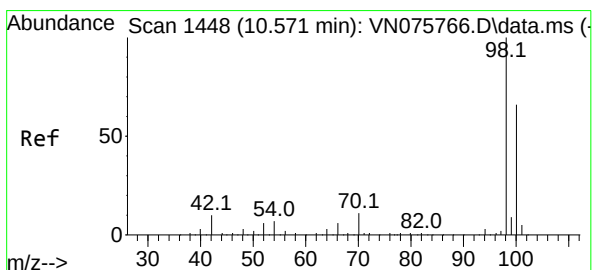
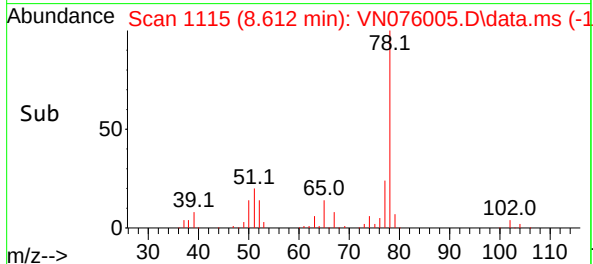
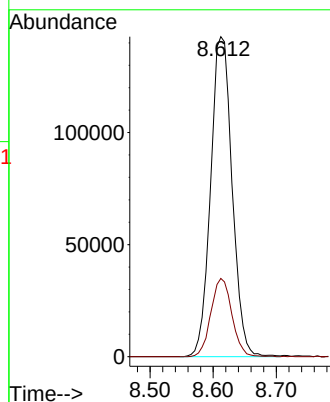
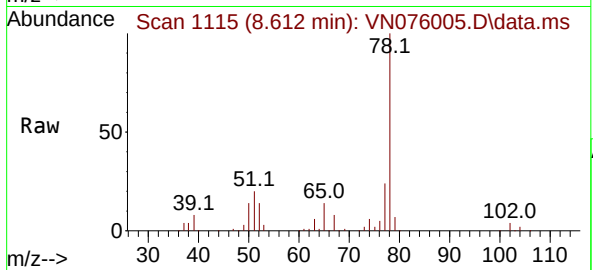




#40
Benzene
Concen: 20.350 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

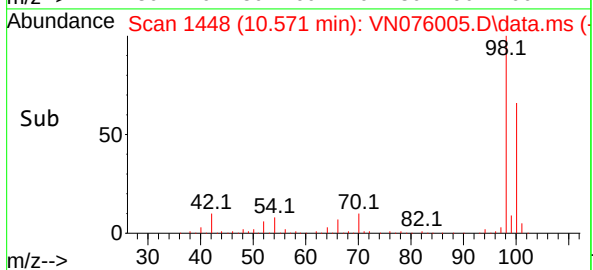
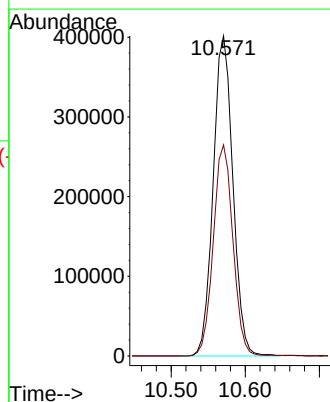
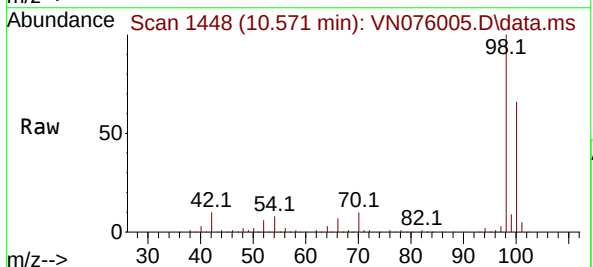
Instrument :
MSVOA_N
ClientSampleId :
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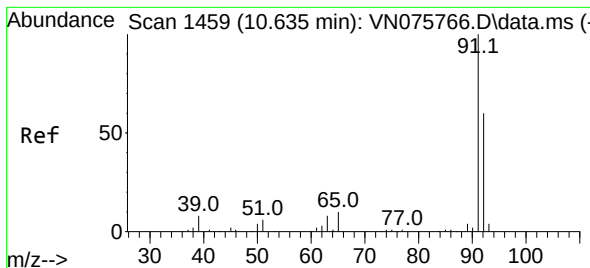
Tgt Ion: 78 Resp: 337918
Ion Ratio Lower Upper
78 100
77 24.5 18.5 27.7



#50
Toluene-d8
Concen: 48.934 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

Tgt Ion: 98 Resp: 741266
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1





#52

Toluene

Concen: 14.045 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076005.D

Acq: 28 Dec 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

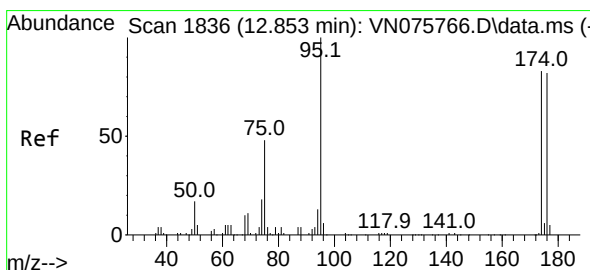
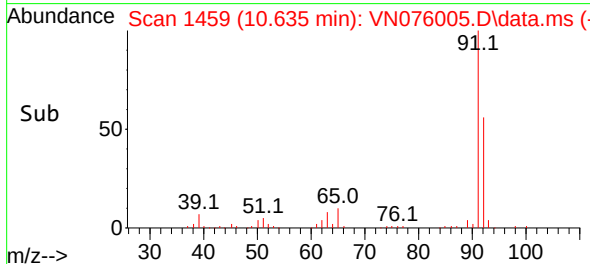
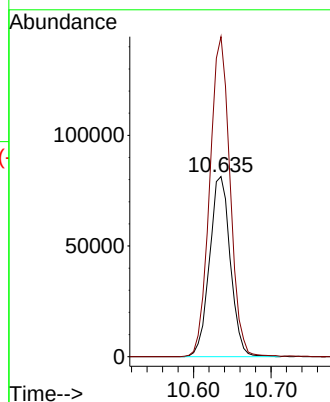
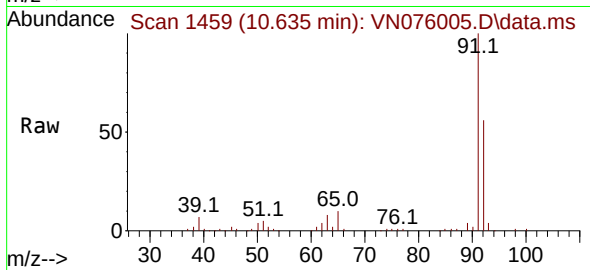
SB-7

Tgt Ion: 92 Resp: 151892

Ion Ratio Lower Upper

92 100

91 173.8 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 47.183 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076005.D

Acq: 28 Dec 2022 17:20

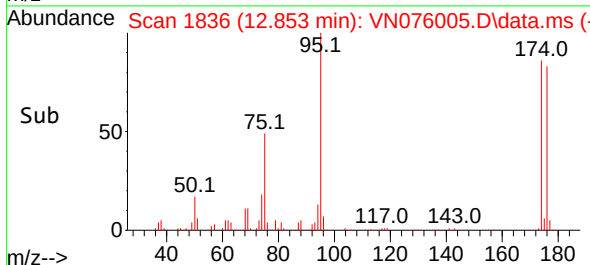
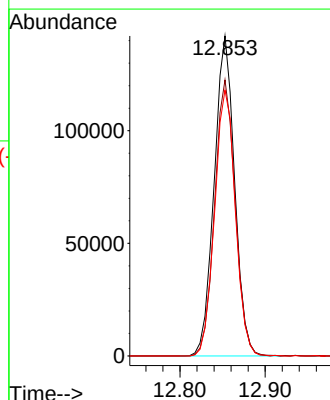
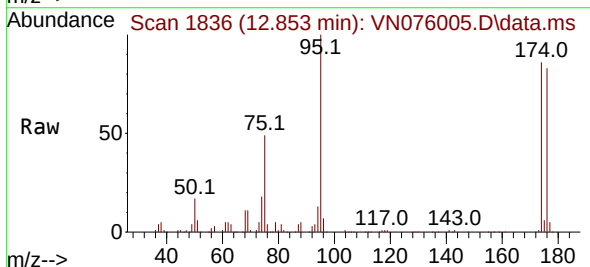
Tgt Ion: 95 Resp: 236728

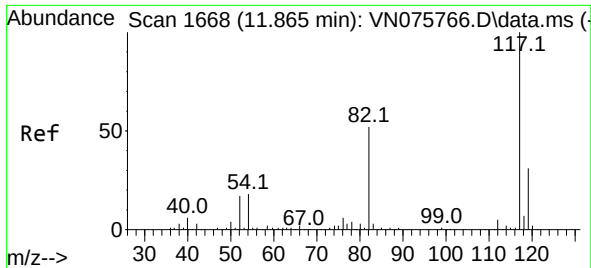
Ion Ratio Lower Upper

95 100

174 86.8 0.0 171.6

176 84.3 0.0 169.2

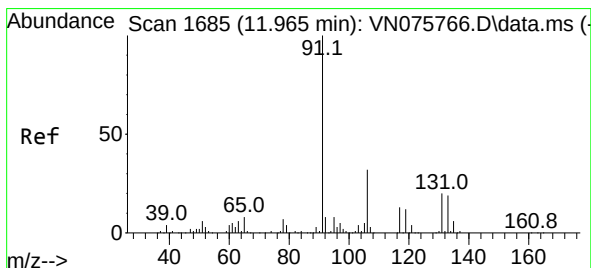
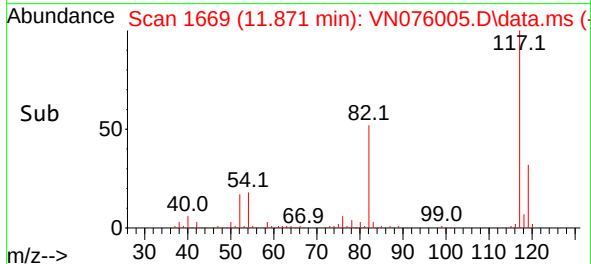
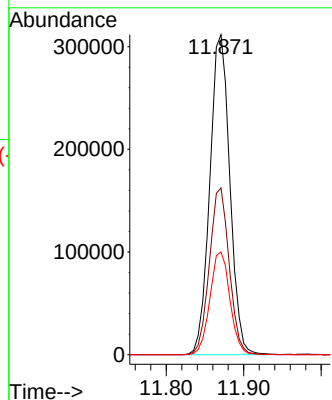
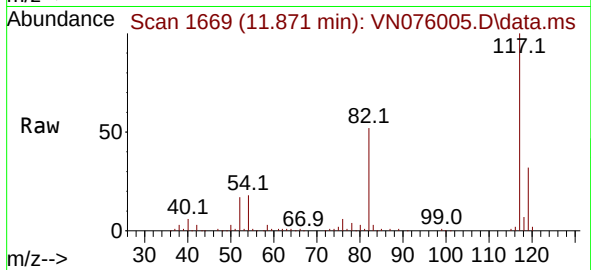




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

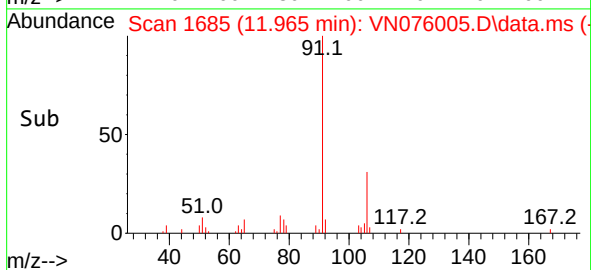
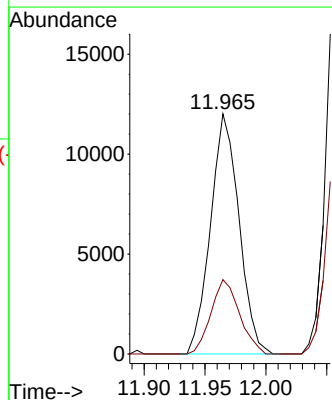
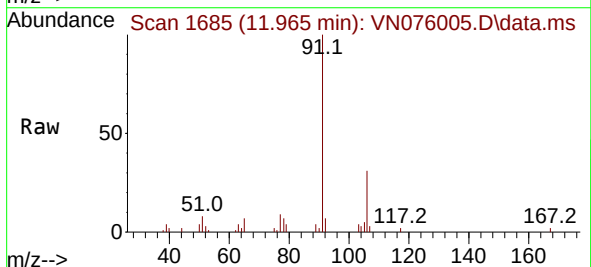
Instrument :
MSVOA_N
ClientSampleId :
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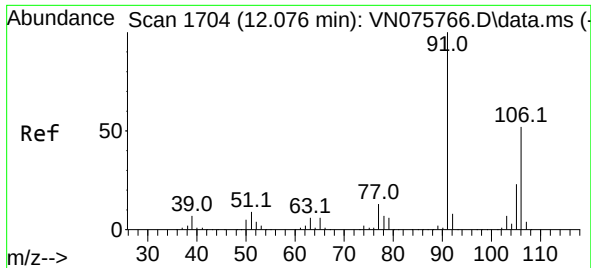
Tgt Ion:117 Resp: 559412
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.1 24.6 37.0



#67
Ethyl Benzene
Concen: 1.009 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

Tgt Ion: 91 Resp: 19552
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

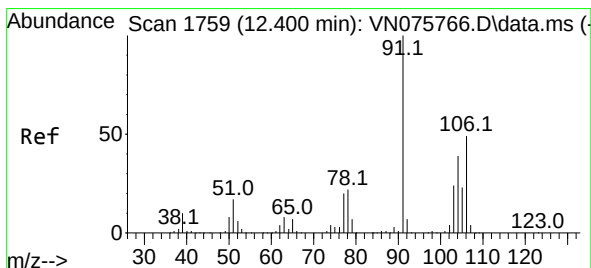
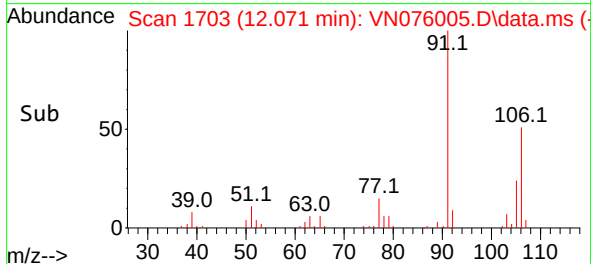
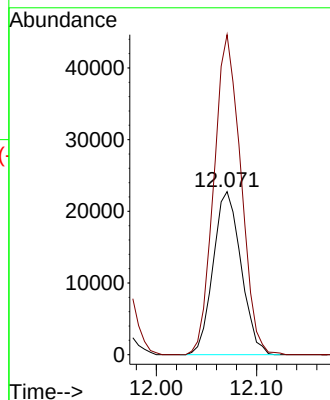
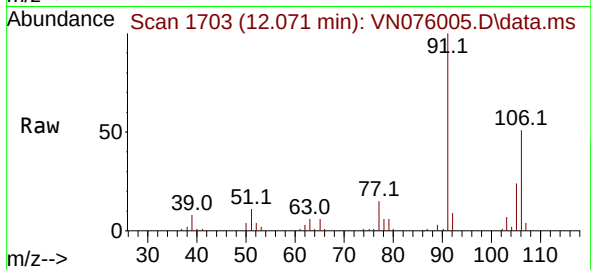




#68
m/p-Xylenes
Concen: 5.731 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

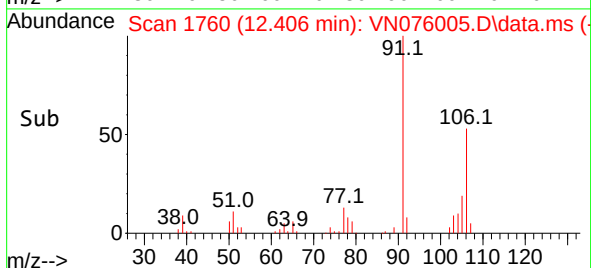
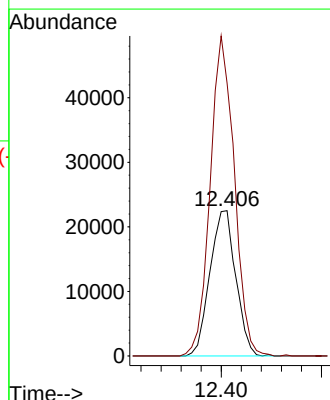
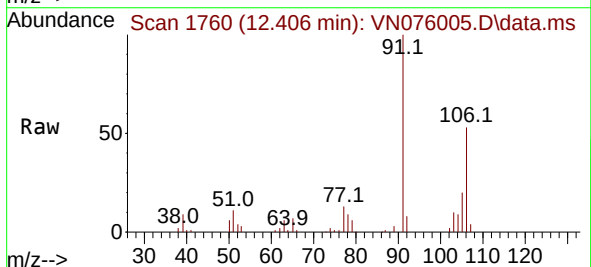
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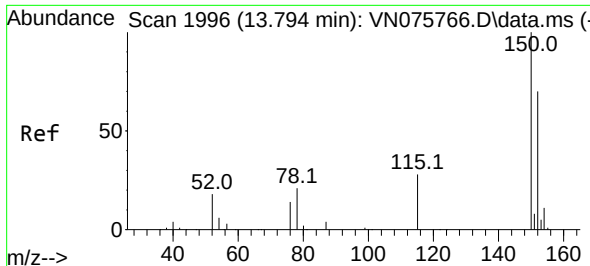
Tgt Ion:106 Resp: 43959
Ion Ratio Lower Upper
106 100
91 189.8 156.6 235.0



#69
o-Xylene
Concen: 5.303 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

Tgt Ion:106 Resp: 40249
Ion Ratio Lower Upper
106 100
91 205.2 103.8 311.6

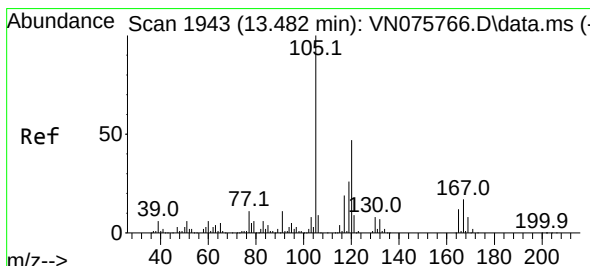
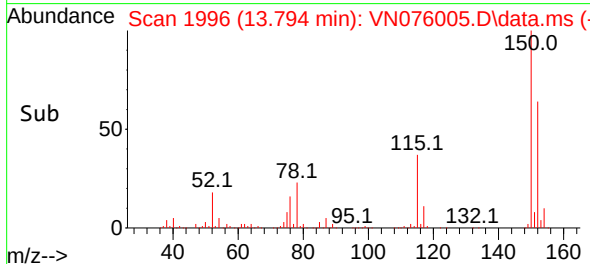
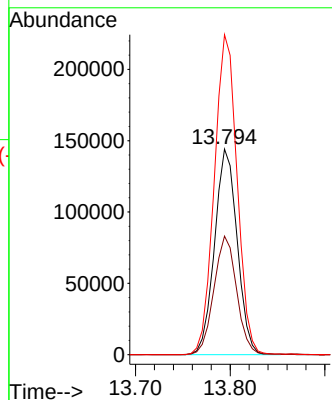
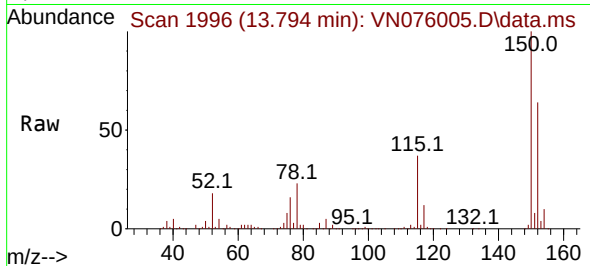




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076005.D
 Acq: 28 Dec 2022 17:20

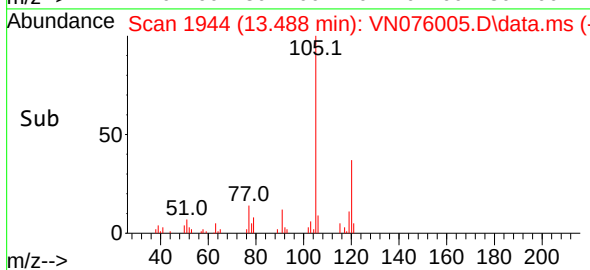
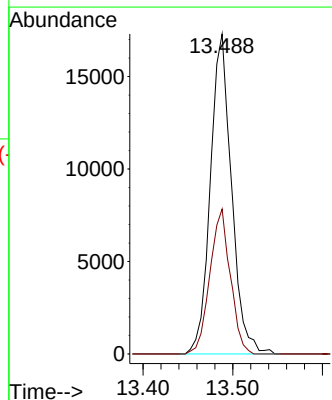
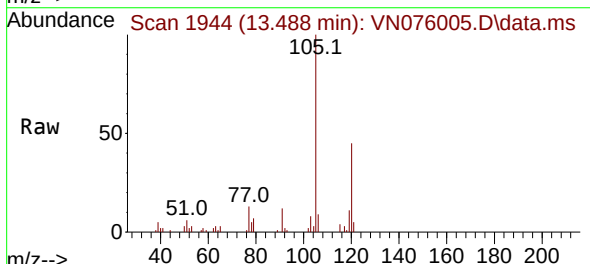
Instrument :
 MSVOA_N
 ClientSampleId :
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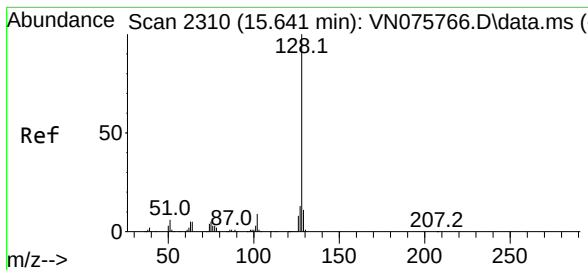
Tgt Ion:152 Resp: 239528
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.4
 150 156.8 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.974 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076005.D
 Acq: 28 Dec 2022 17:20

Tgt Ion:105 Resp: 28372
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.3 69.8





#95
Naphthalene
Concen: 13.089 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076005.D
Acq: 28 Dec 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
SB-7

Tgt Ion:	128	Resp:	148724
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.7	13.1

