

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076006.D
 Acq On : 28 Dec 2022 17:44
 Operator : JC\MD
 Sample : N6213-08 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-8

Quant Time: Dec 29 04:55:08 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)

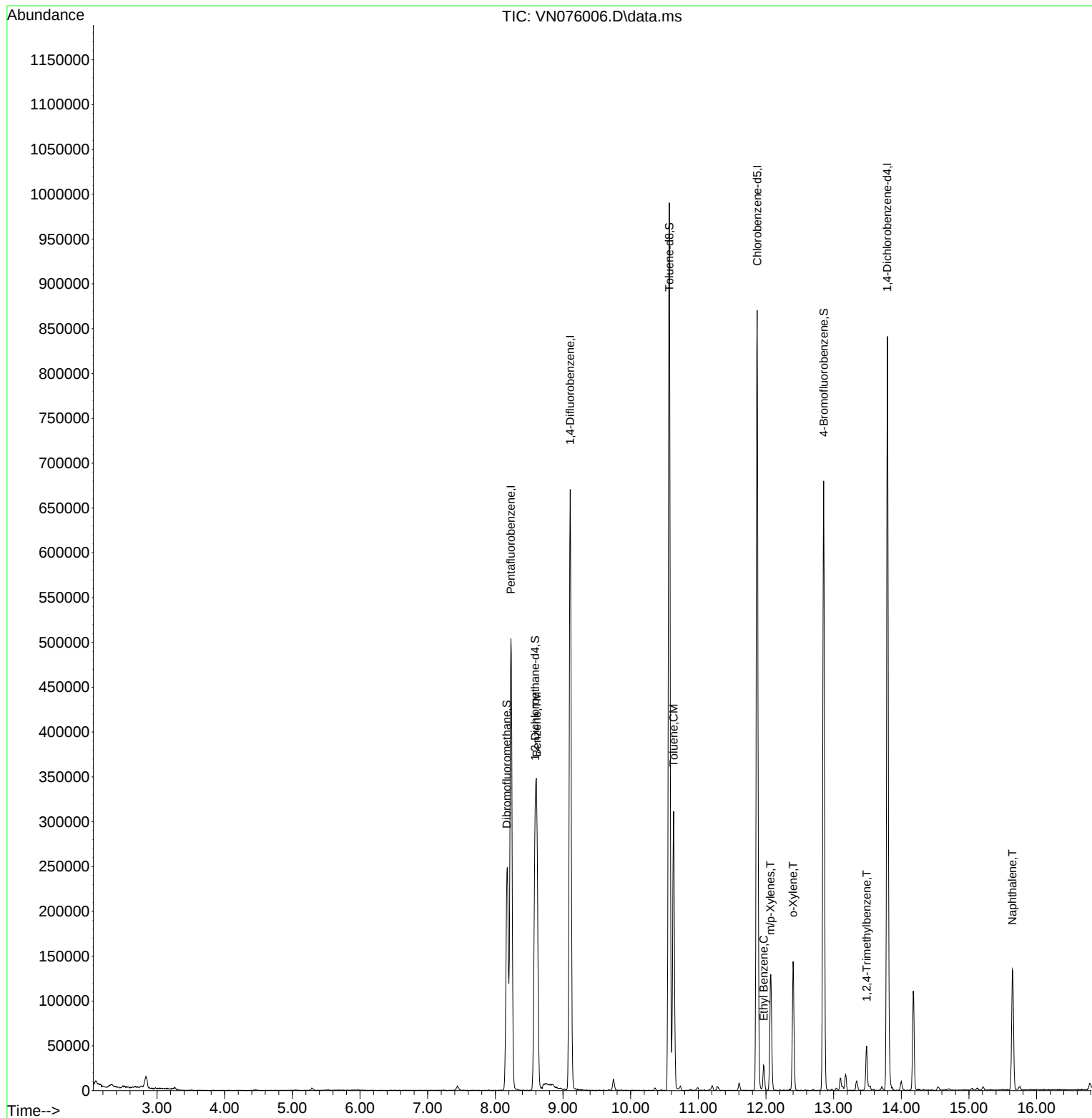
Internal Standards						
1) Pentafluorobenzene	8.230	168	399075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	540338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199914	46.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.171	113	182221	46.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	10.571	98	703070	48.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.853	95	230583	47.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	296818	18.664	ug/l	99
52) Toluene	10.635	92	142972	13.804	ug/l	99
67) Ethyl Benzene	11.965	91	20909	1.117	ug/l	94
68) m/p-Xylenes	12.065	106	45112	6.089	ug/l	97
69) o-Xylene	12.400	106	40575	5.534	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	29862	2.100	ug/l	98
95) Naphthalene	15.641	128	137243	12.356	ug/l	99

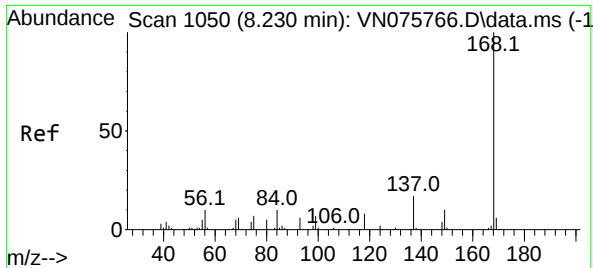
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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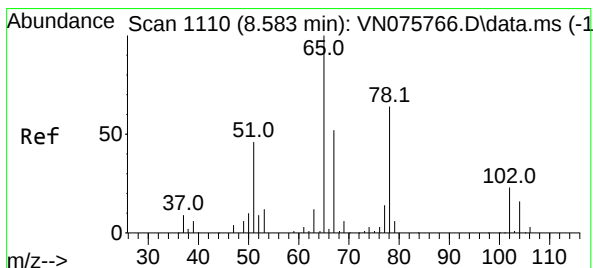
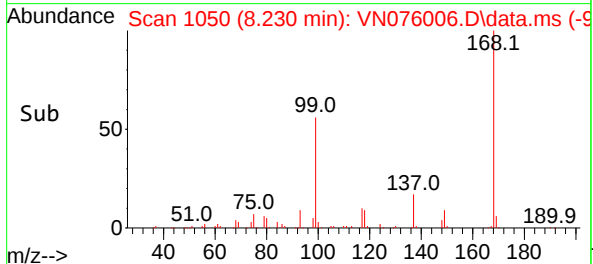
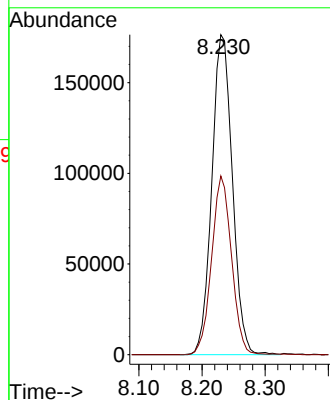
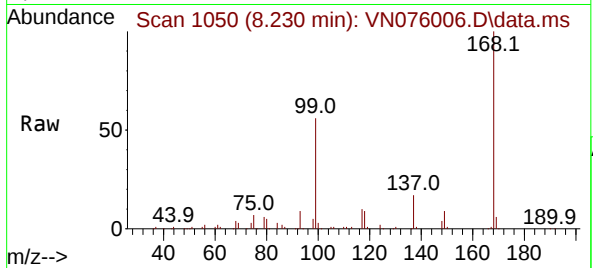




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

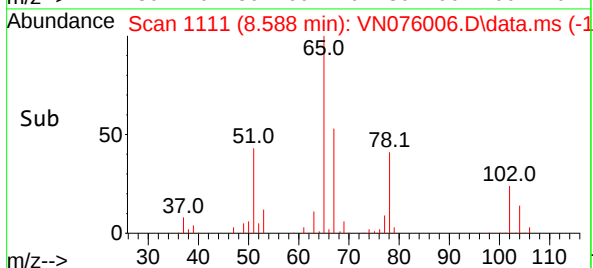
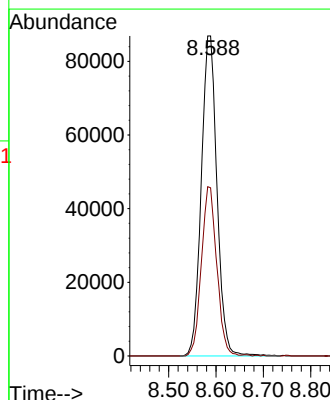
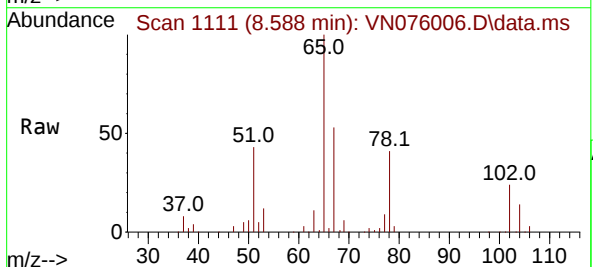
Instrument :
MSVOA_N
ClientSampleId :
SB-8

Tgt Ion:168 Resp: 399075
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.047 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

Tgt Ion: 65 Resp: 199914
Ion Ratio Lower Upper
65 100
67 51.8 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: VN076006.D

Acq: 28 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

SB-8

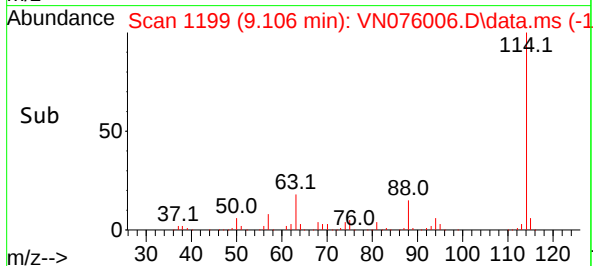
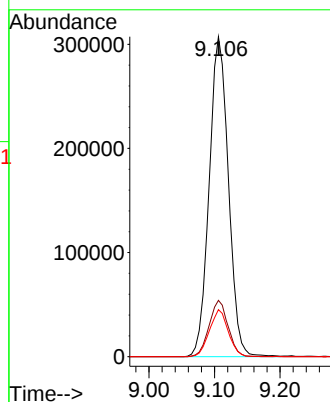
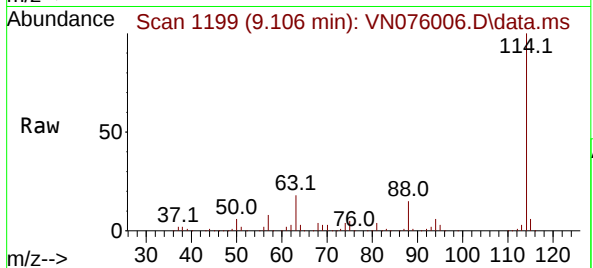
Tgt Ion:114 Resp: 626540

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.963 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076006.D

Acq: 28 Dec 2022 17:44

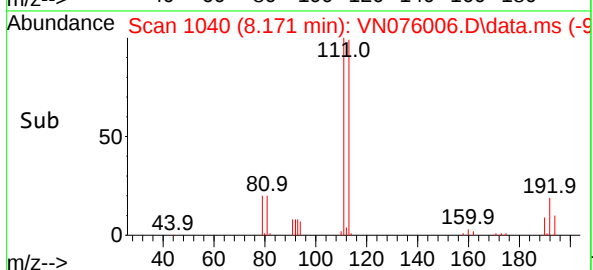
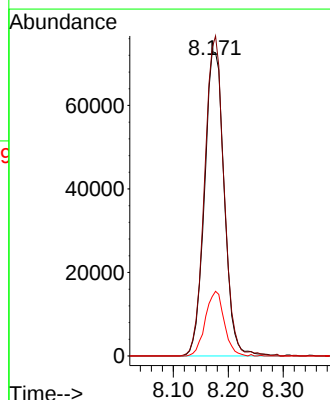
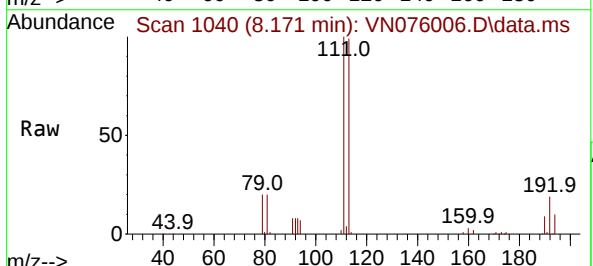
Tgt Ion:113 Resp: 182221

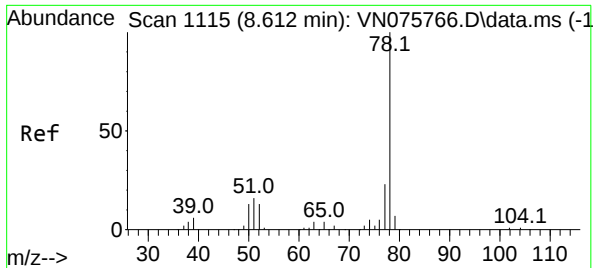
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 20.2 16.1 24.1

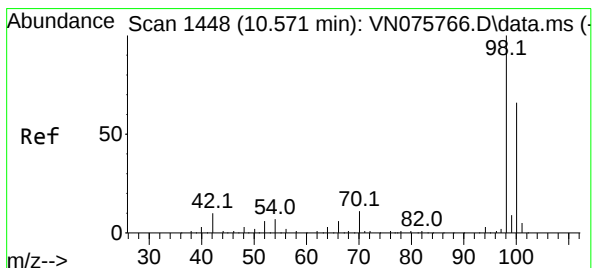
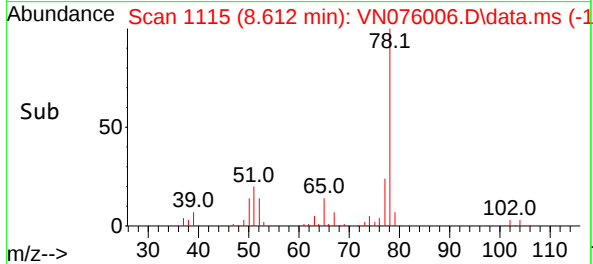
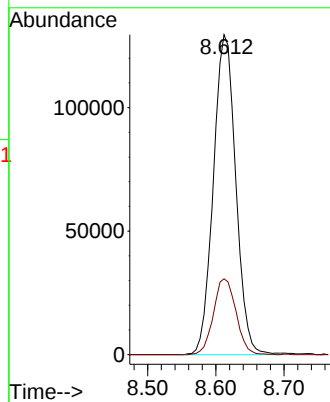
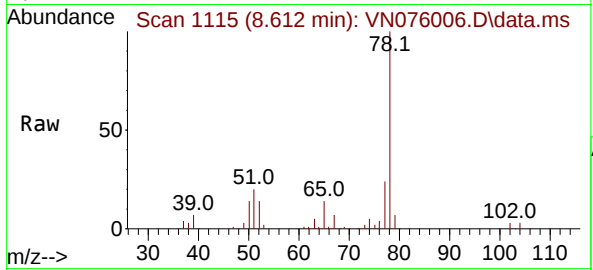




#40
Benzene
Concen: 18.664 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

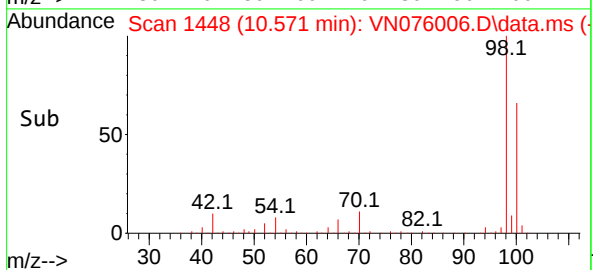
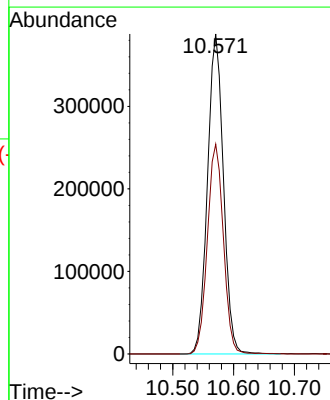
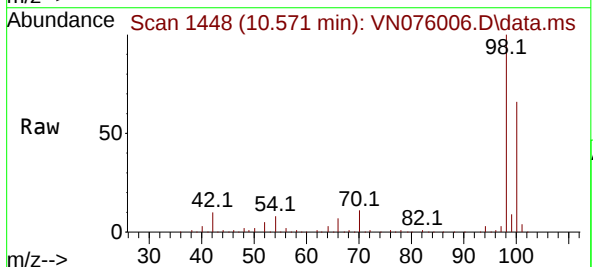
Instrument :
MSVOA_N
ClientSampleId :
SB-8

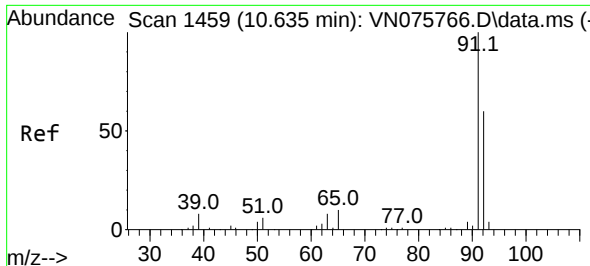
Tgt Ion: 78 Resp: 296818
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7



#50
Toluene-d8
Concen: 48.464 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

Tgt Ion: 98 Resp: 703070
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

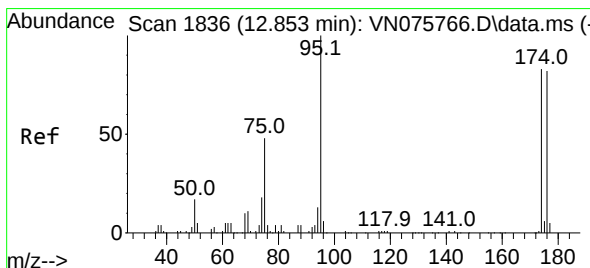
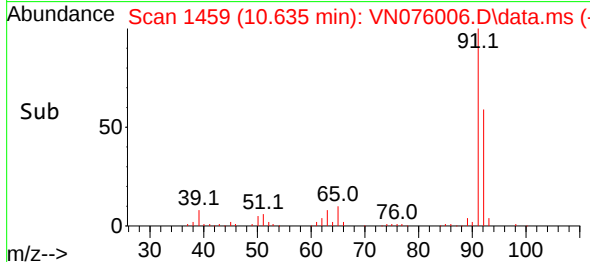
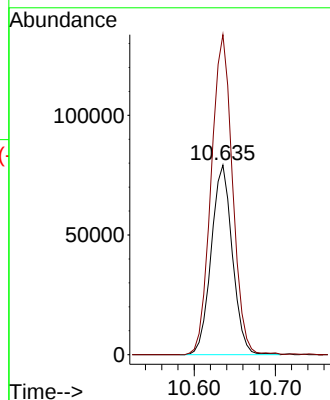
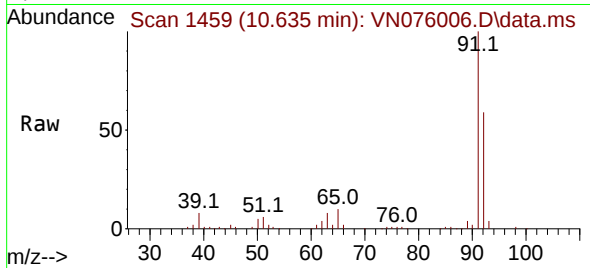




#52
Toluene
Concen: 13.804 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

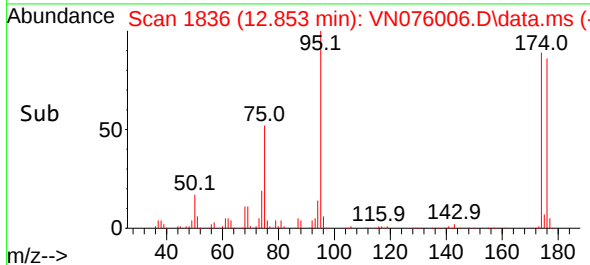
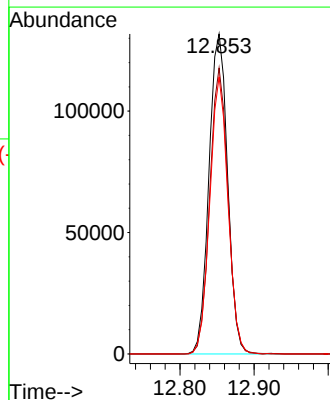
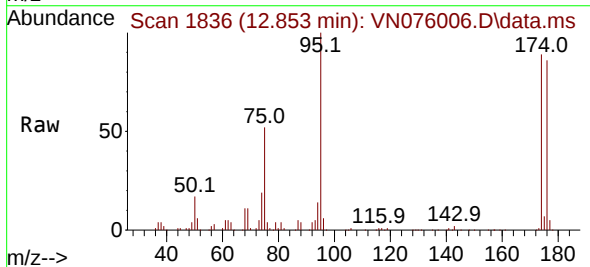
Instrument :
MSVOA_N
ClientSampleId :
SB-8

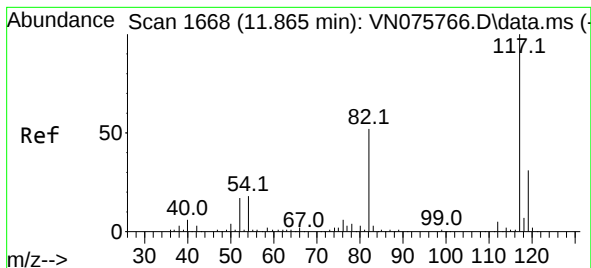
Tgt Ion: 92 Resp: 142972
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 47.989 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

Tgt Ion: 95 Resp: 230583
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076006.D

Acq: 28 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

SB-8

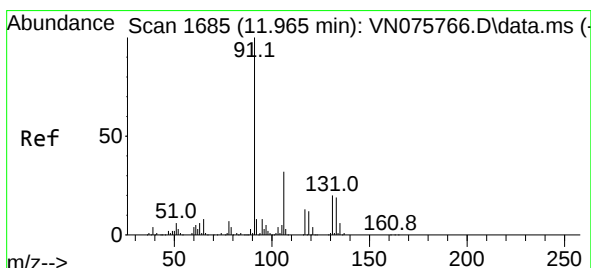
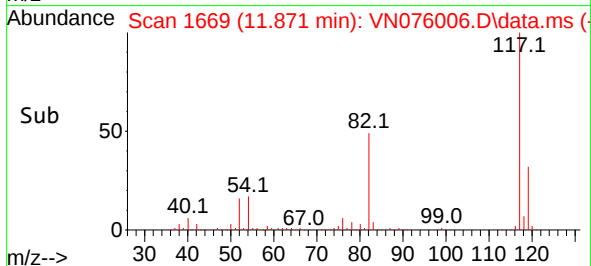
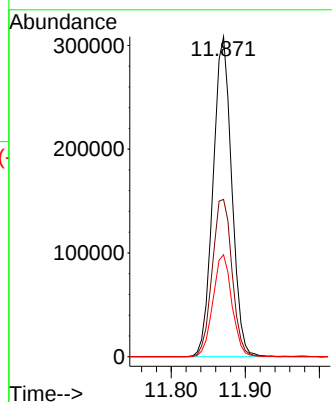
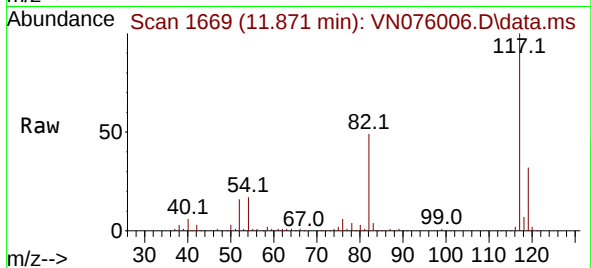
Tgt Ion:117 Resp: 540338

Ion Ratio Lower Upper

117 100

82 49.2 41.3 61.9

119 31.9 24.6 37.0



#67

Ethyl Benzene

Concen: 1.117 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN076006.D

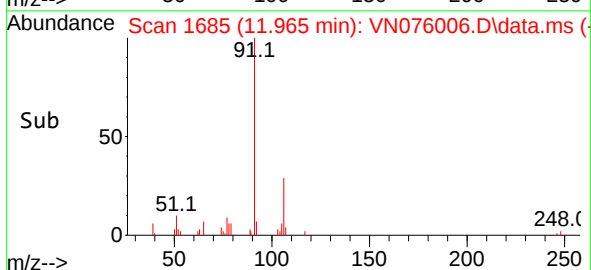
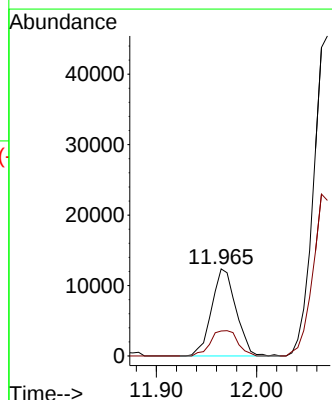
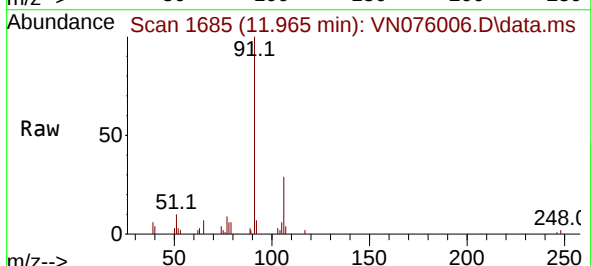
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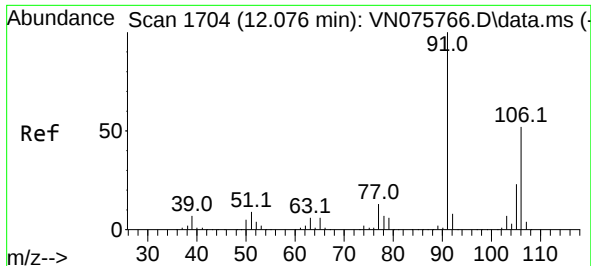
Tgt Ion: 91 Resp: 20909

Ion Ratio Lower Upper

91 100

106 28.6 25.7 38.5

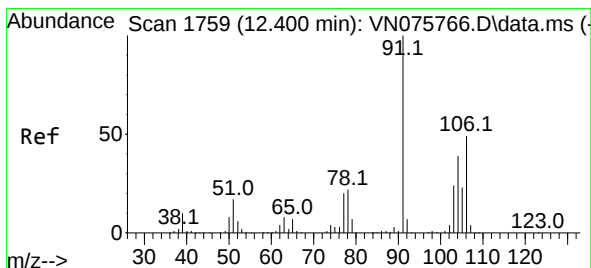
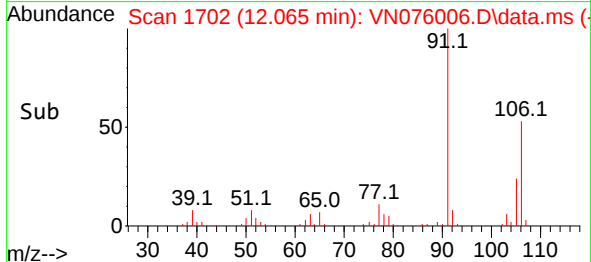
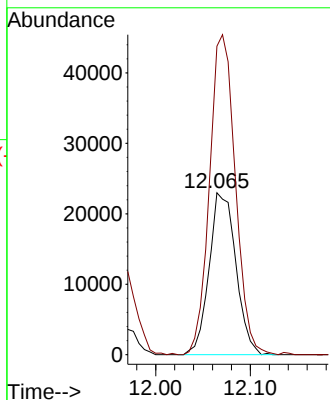
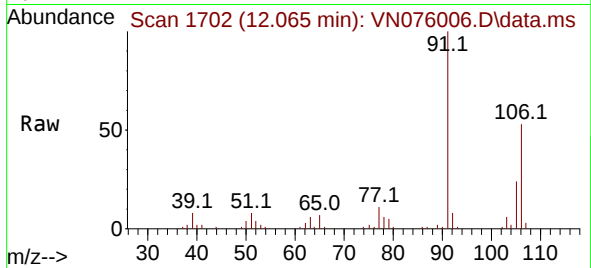




#68
m/p-Xylenes
Concen: 6.089 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.012 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

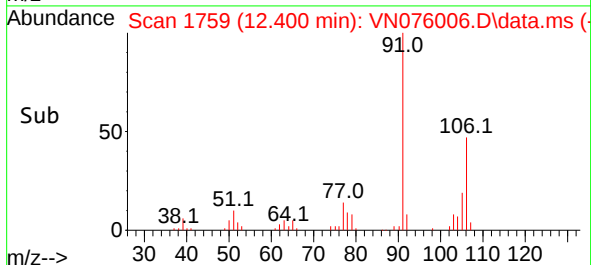
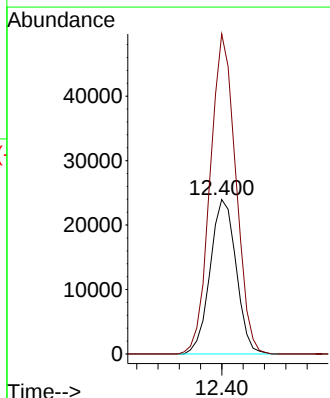
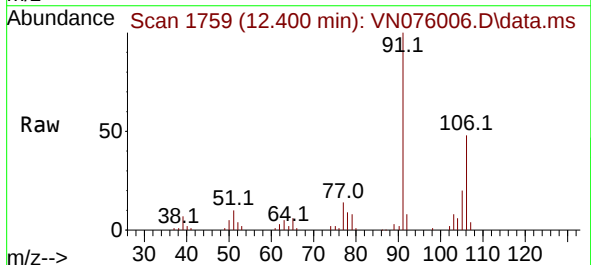
Instrument :
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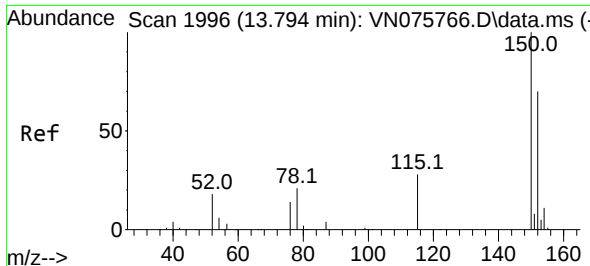
Tgt Ion:106 Resp: 45112
Ion Ratio Lower Upper
106 100
91 190.8 156.6 235.0



#69
o-Xylene
Concen: 5.534 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

Tgt Ion:106 Resp: 40575
Ion Ratio Lower Upper
106 100
91 204.5 103.8 311.6

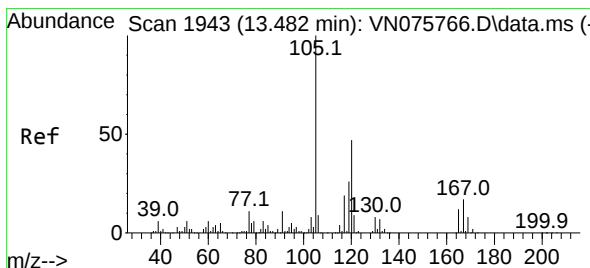
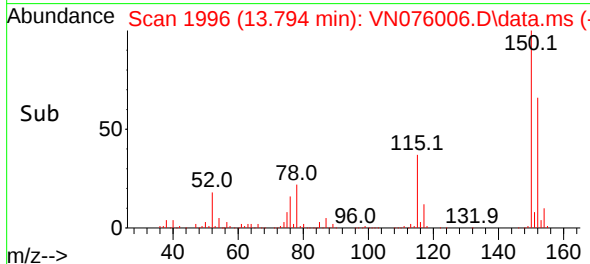
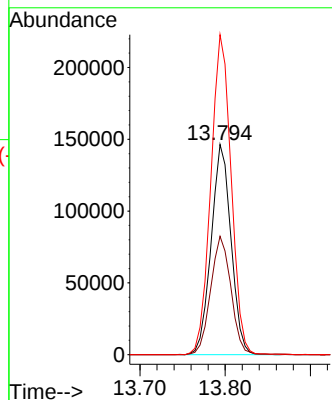
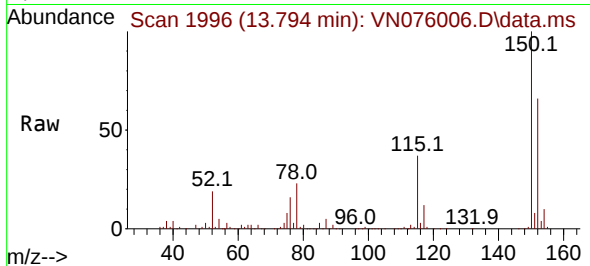




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076006.D
 Acq: 28 Dec 2022 17:44

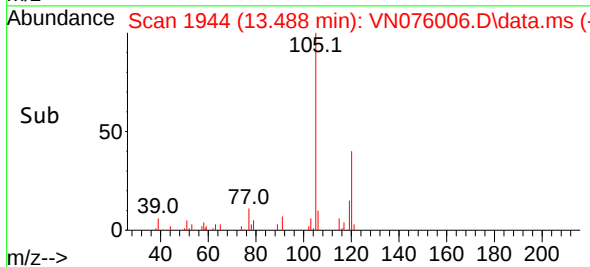
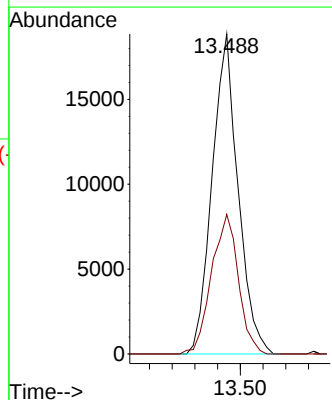
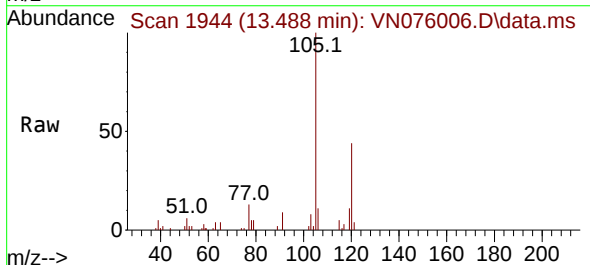
Instrument :
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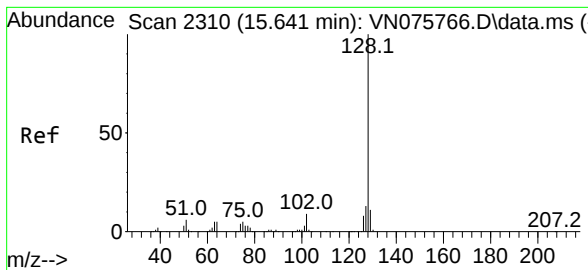
Tgt Ion:152 Resp: 236954
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.4
 150 155.6 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.100 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076006.D
 Acq: 28 Dec 2022 17:44

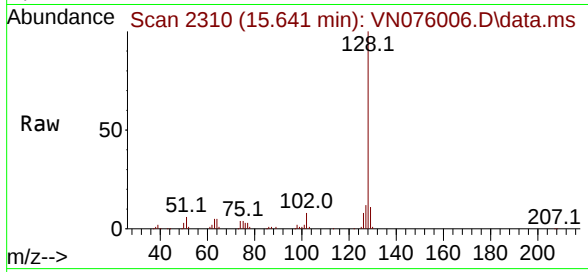
Tgt Ion:105 Resp: 29862
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.3 69.8





#95
Naphthalene
Concen: 12.356 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076006.D
Acq: 28 Dec 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
SB-8



Tgt Ion:	128	Resp:	137243
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.7	13.1

