

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076004.D
 Acq On : 28 Dec 2022 16:57
 Operator : JC\MD
 Sample : N6213-06 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-6

Quant Time: Dec 29 04:54:20 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)

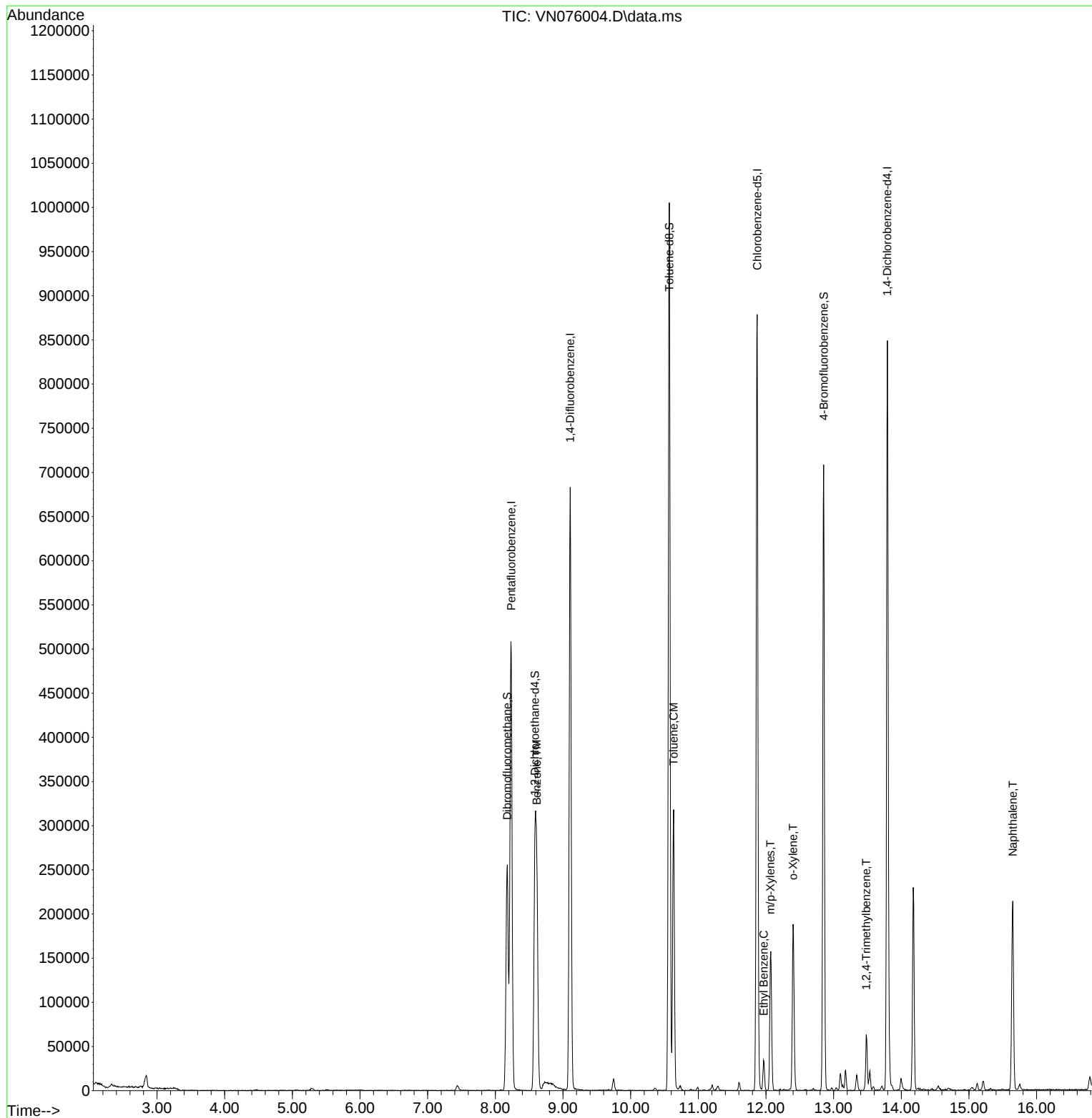
Internal Standards						
1) Pentafluorobenzene	8.236	168	403455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	633785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	547138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203853	46.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.880%
35) Dibromofluoromethane	8.177	113	183846	46.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.571	98	717799	48.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.853	95	233487	48.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	239362	14.879	ug/l	99
52) Toluene	10.635	92	147278	14.057	ug/l	99
67) Ethyl Benzene	11.965	91	24428	1.289	ug/l	93
68) m/p-Xylenes	12.065	106	53675	7.155	ug/l	98
69) o-Xylene	12.400	106	51244	6.903	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	37483	2.548	ug/l	95
95) Naphthalene	15.647	128	209928	17.227	ug/l	99

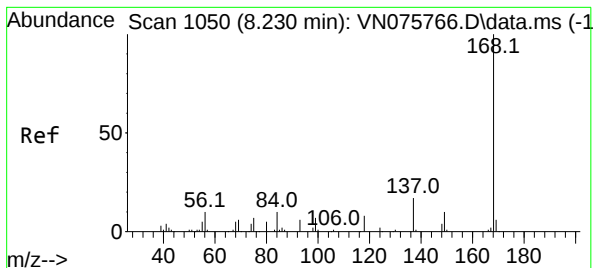
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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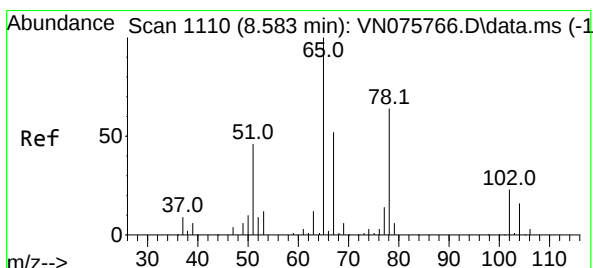
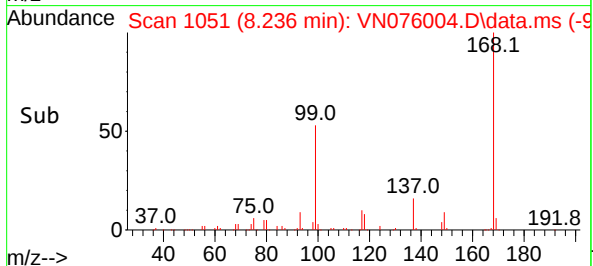
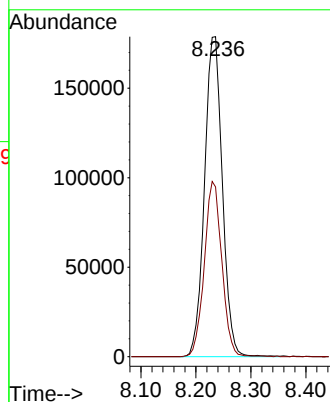
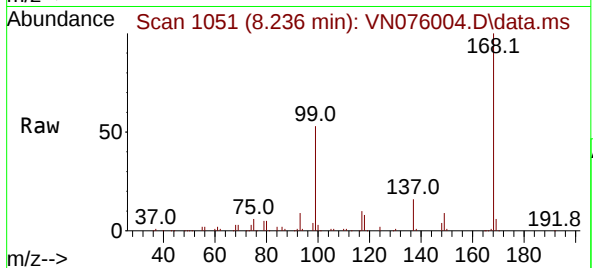




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

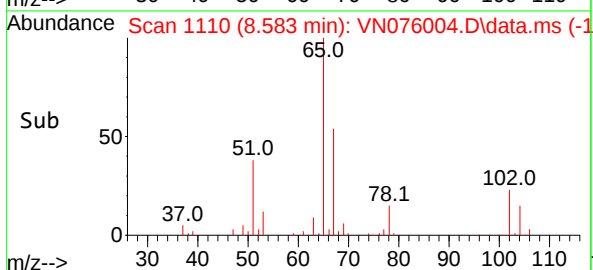
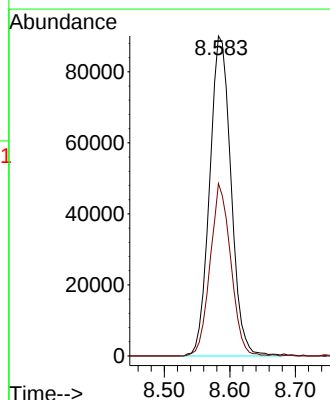
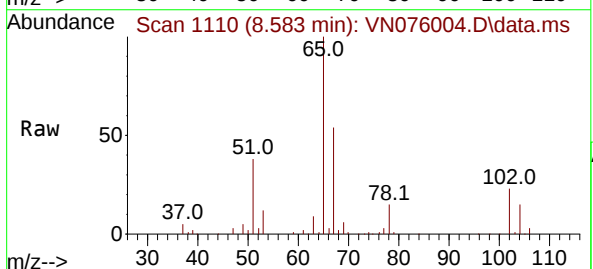
Instrument :
MSVOA_N
ClientSampleId :
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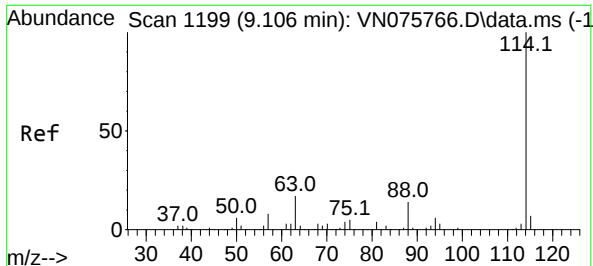
Tgt Ion:168 Resp: 403455
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.444 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

Tgt Ion: 65 Resp: 203853
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: VN076004.D

Acq: 28 Dec 2022 16:57

Instrument :

MSVOA_N

ClientSampleId :

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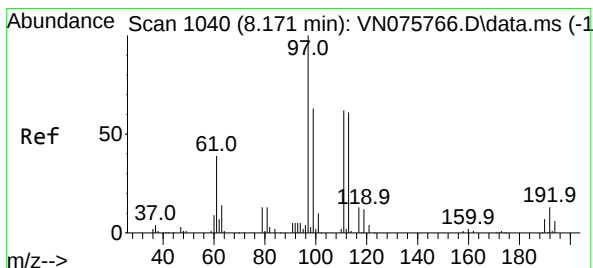
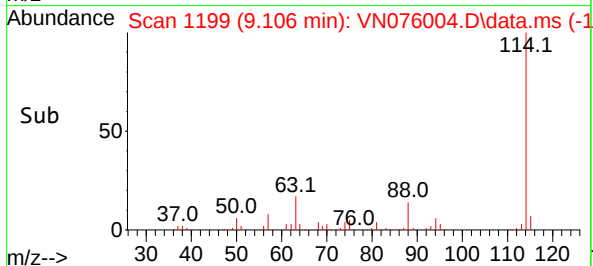
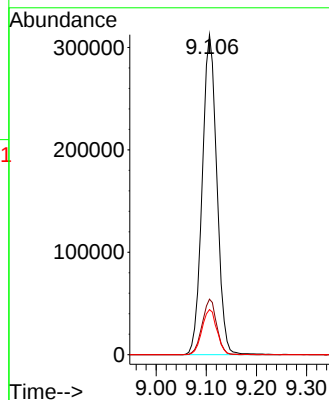
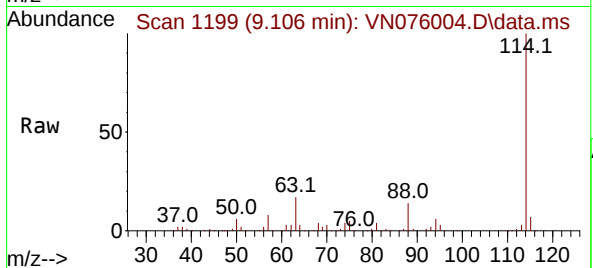
Tgt Ion:114 Resp: 633785

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.840 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076004.D

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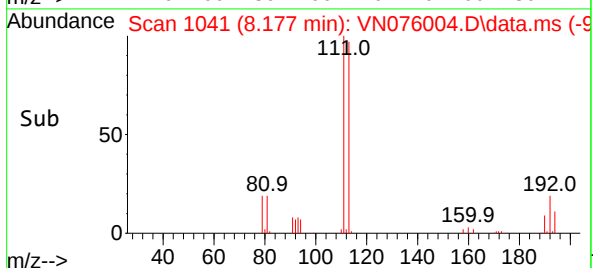
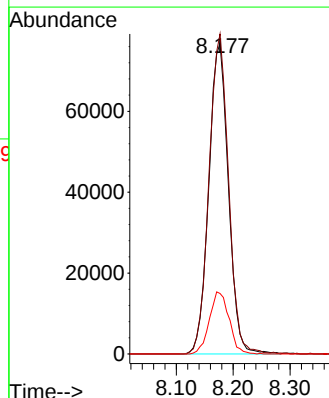
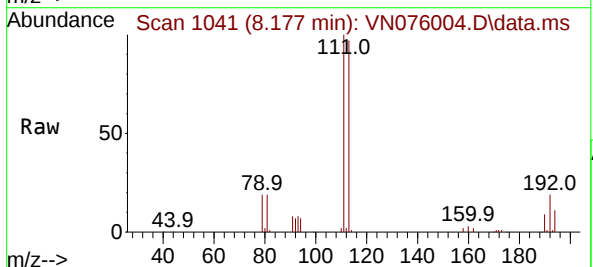
Tgt Ion:113 Resp: 183846

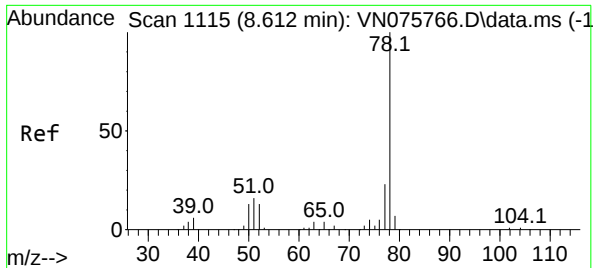
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 20.1 16.1 24.1

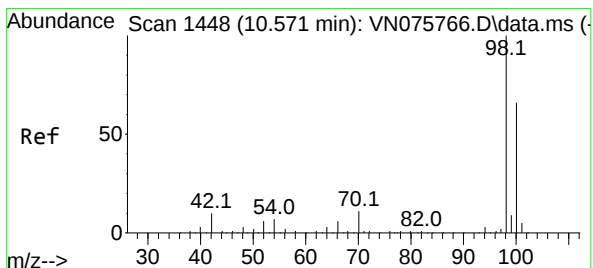
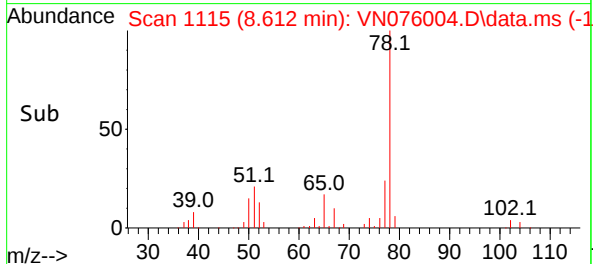
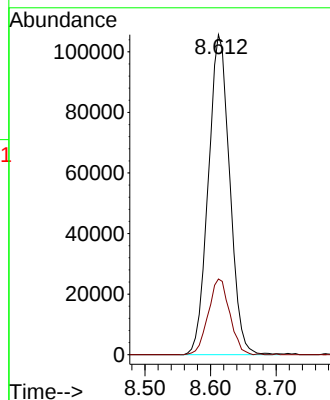
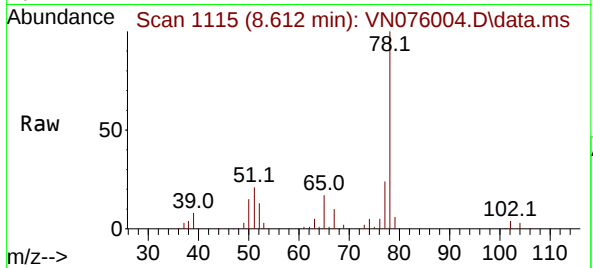




#40
Benzene
Concen: 14.879 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

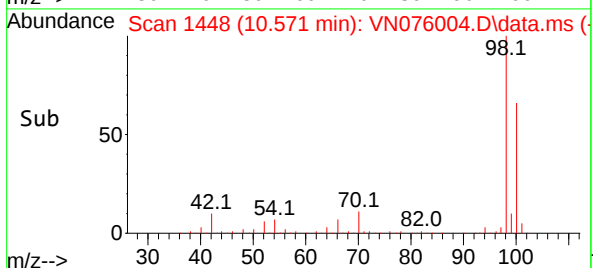
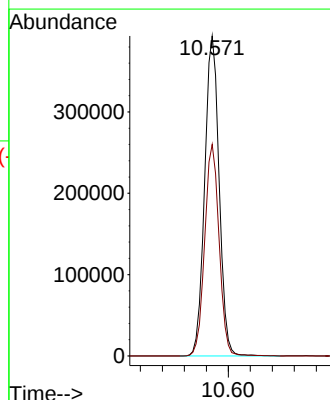
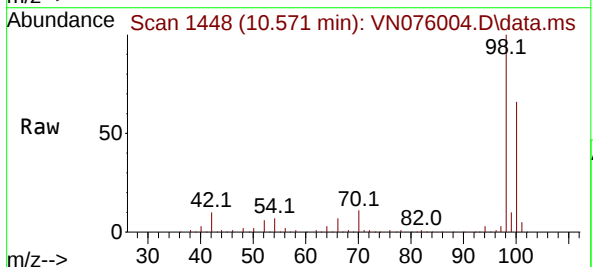
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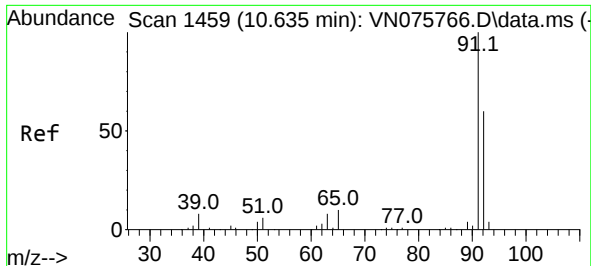
Tgt Ion: 78 Resp: 239362
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



#50
Toluene-d8
Concen: 48.913 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

Tgt Ion: 98 Resp: 717799
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

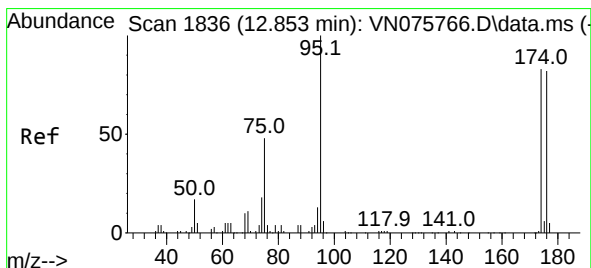
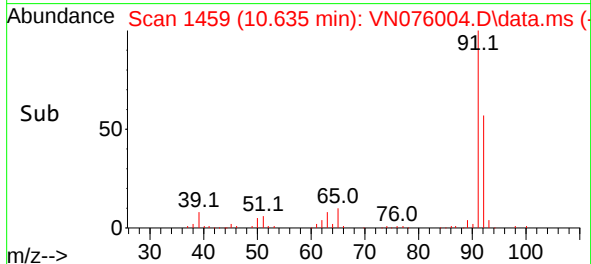
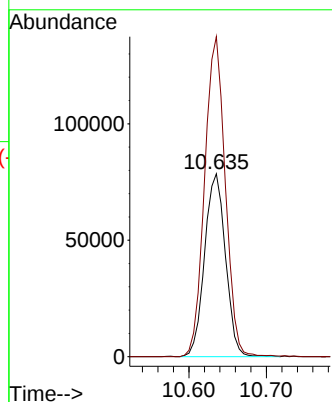
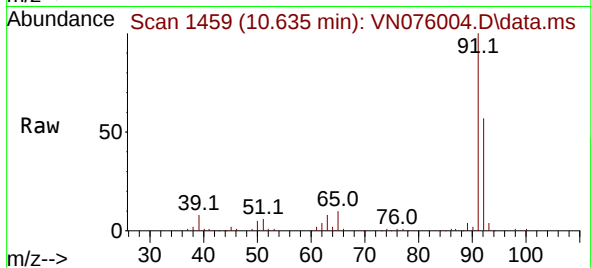




#52
Toluene
Concen: 14.057 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

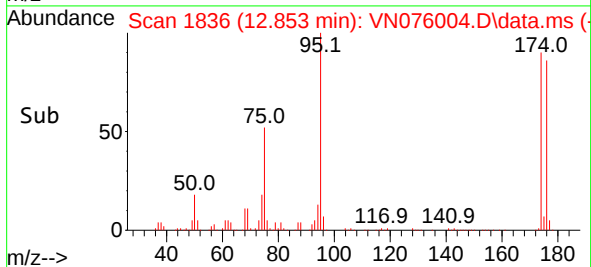
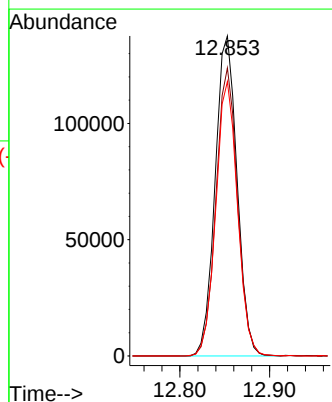
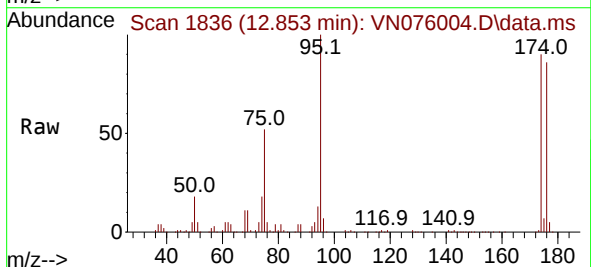
Instrument :
MSVOA_N
ClientSampleId :
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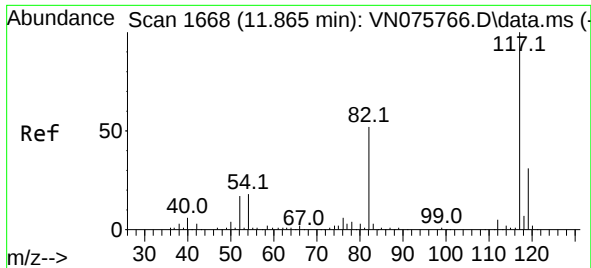
Tgt Ion: 92 Resp: 147278
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

Tgt Ion: 95 Resp: 233487
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.6 0.0 169.2

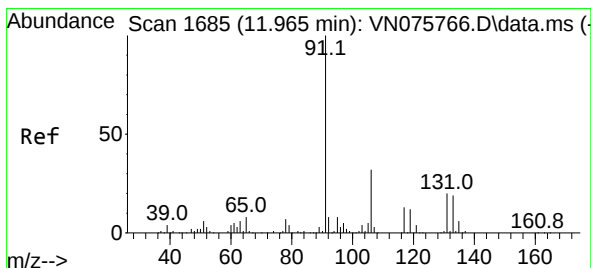
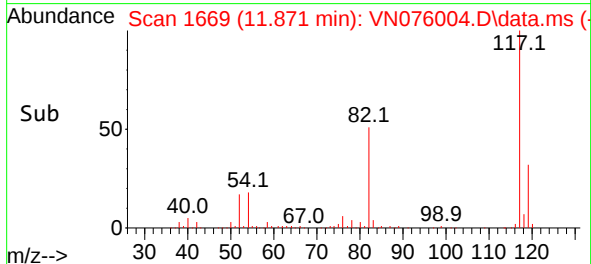
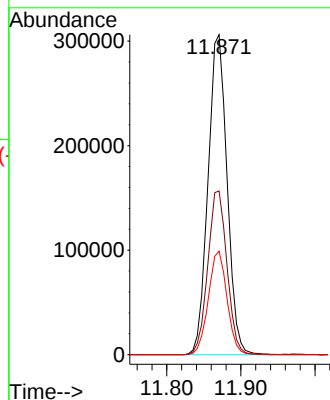
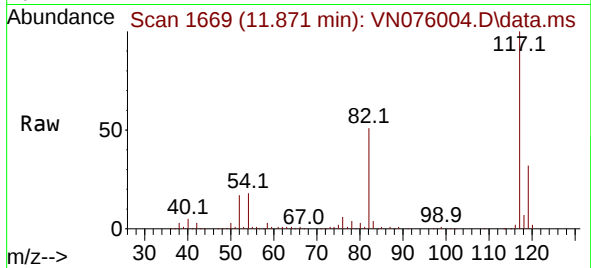




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

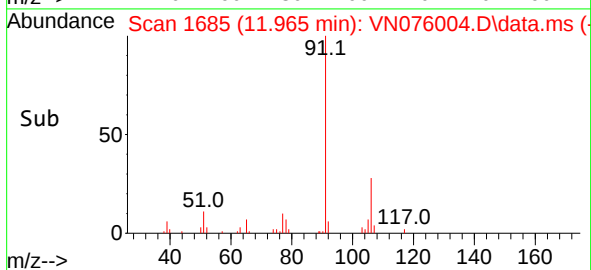
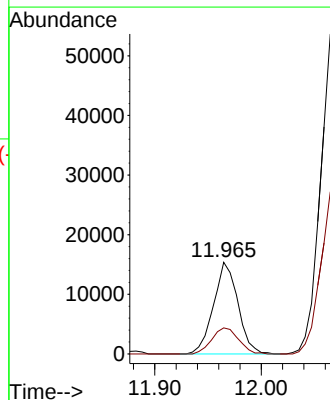
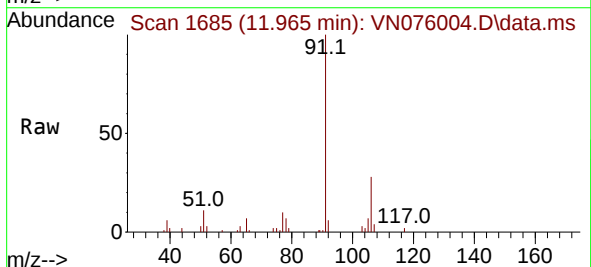
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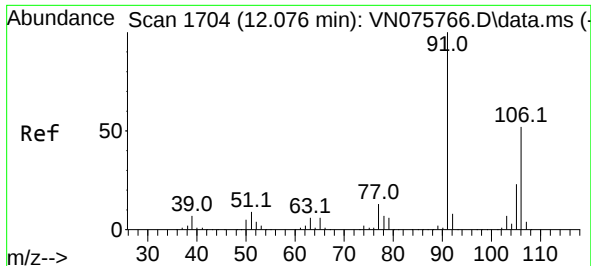
Tgt Ion:117 Resp: 547138
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.3 24.6 37.0



#67
Ethyl Benzene
Concen: 1.289 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

Tgt Ion: 91 Resp: 24428
Ion Ratio Lower Upper
91 100
106 28.4 25.7 38.5

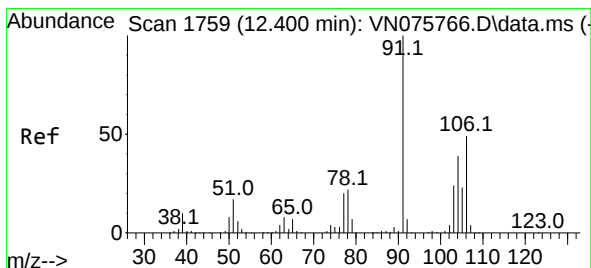
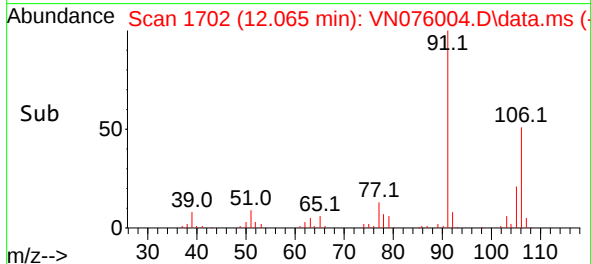
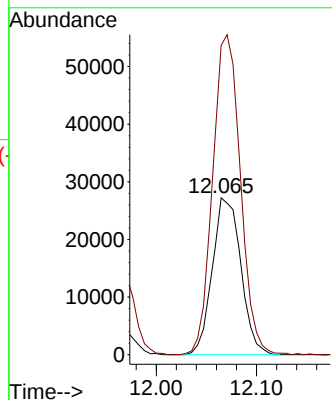
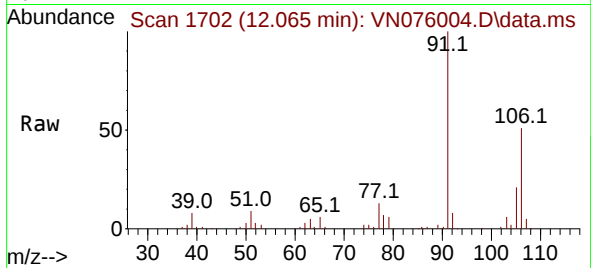




#68
m/p-Xylenes
Concen: 7.155 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.012 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

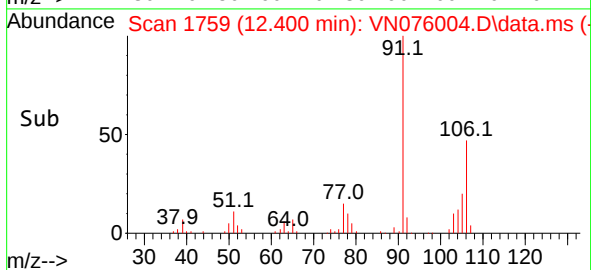
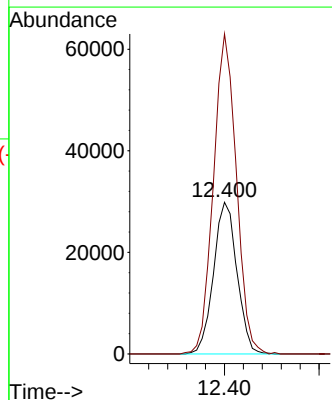
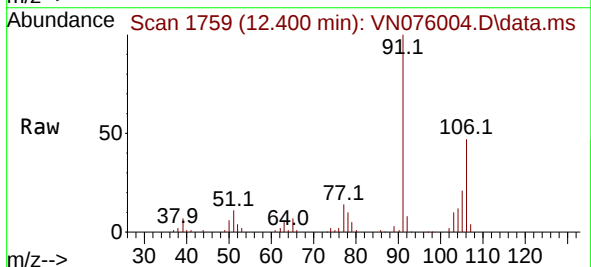
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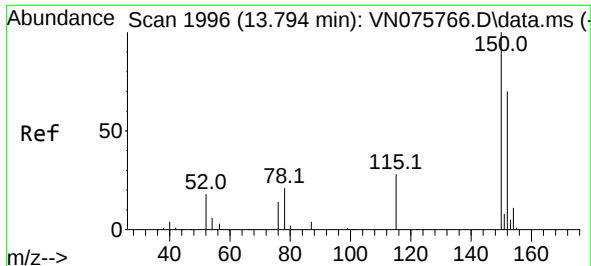
Tgt Ion:106 Resp: 53675
Ion Ratio Lower Upper
106 100
91 199.1 156.6 235.0



#69
o-Xylene
Concen: 6.903 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

Tgt Ion:106 Resp: 51244
Ion Ratio Lower Upper
106 100
91 206.7 103.8 311.6

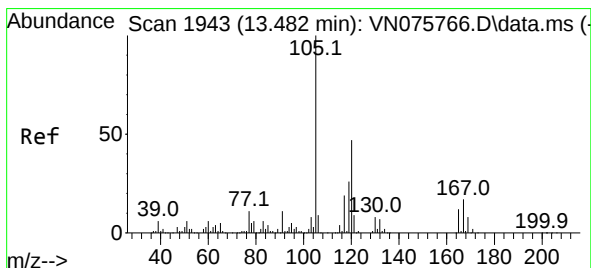
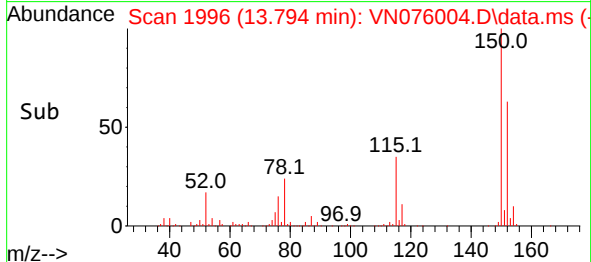
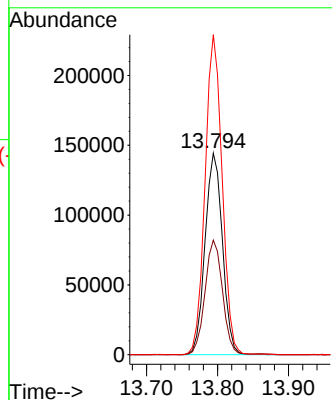
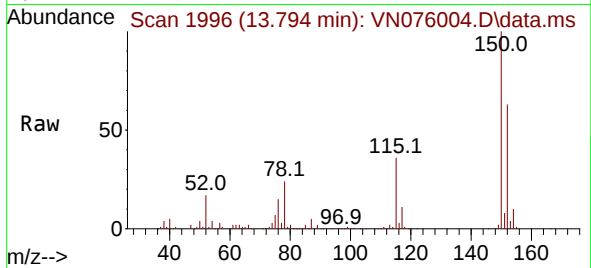




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076004.D
 Acq: 28 Dec 2022 16:57

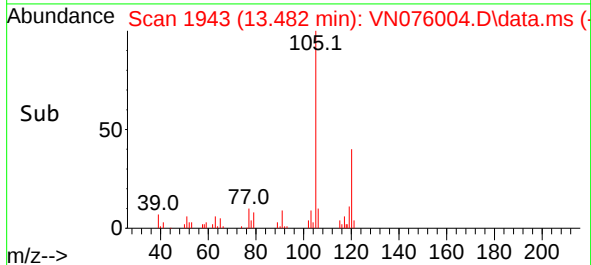
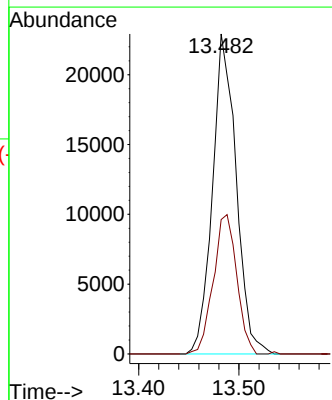
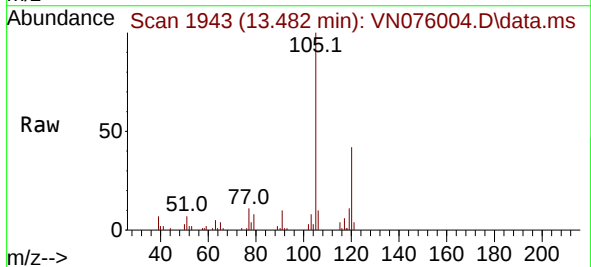
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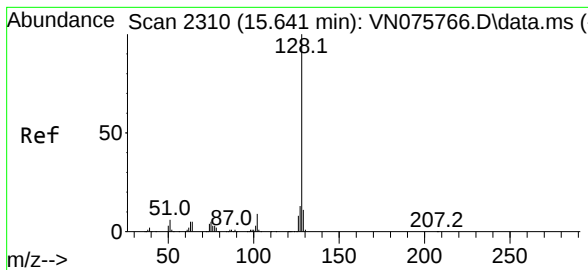
Tgt Ion:152 Resp: 245154
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.1 87.4
 150 156.0 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.548 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076004.D
 Acq: 28 Dec 2022 16:57

Tgt Ion:105 Resp: 37483
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.3 69.8





#95
Naphthalene
Concen: 17.227 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076004.D
Acq: 28 Dec 2022 16:57

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Tgt Ion:	128	Resp:	209928
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.7	8.7	13.1

