

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076003.D
 Acq On : 28 Dec 2022 16:33
 Operator : JC\MD
 Sample : N6213-05 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5

Quant Time: Dec 29 04:53:48 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)

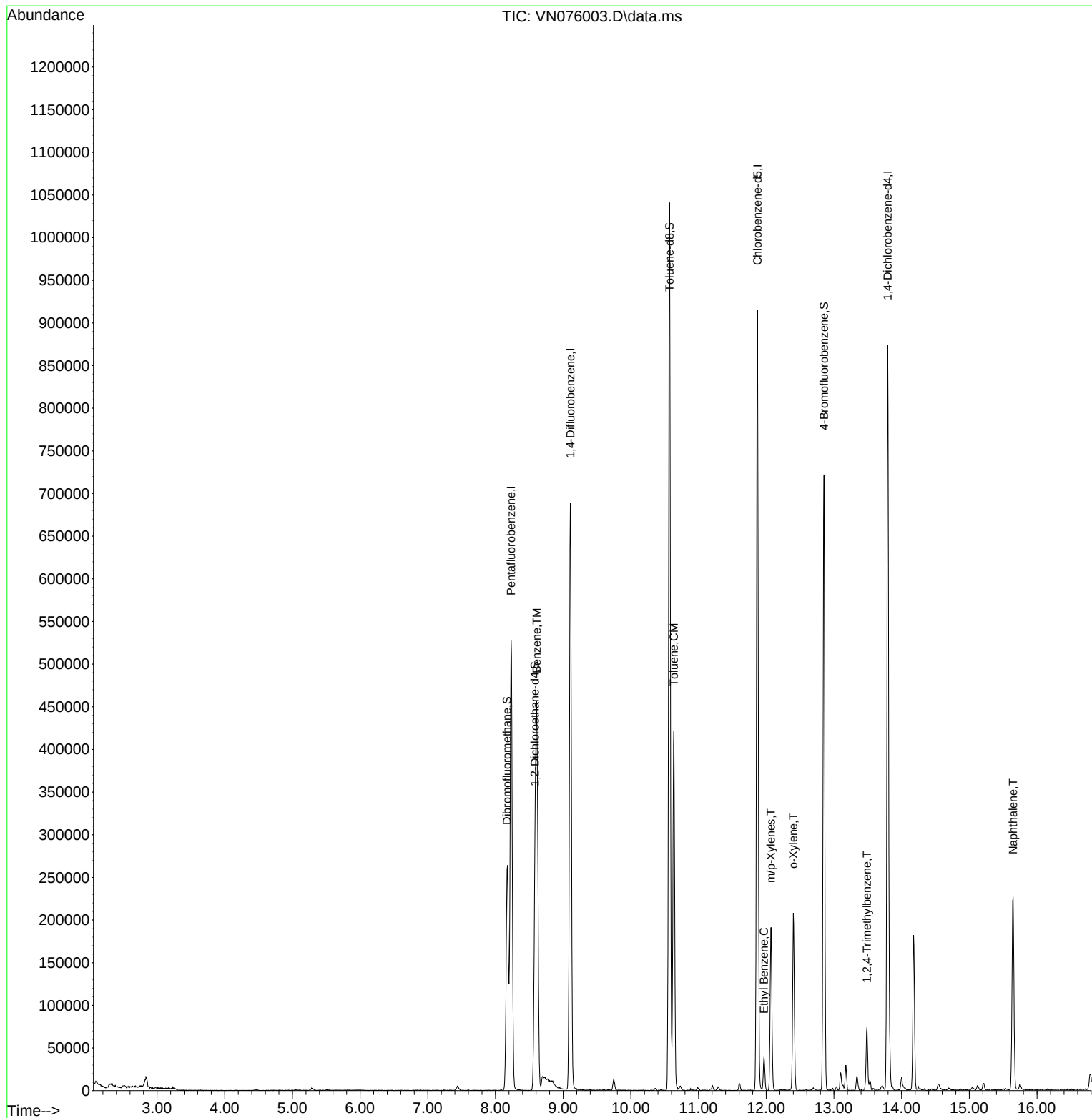
Internal Standards						
1) Pentafluorobenzene	8.230	168	419301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	653607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	565719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208629	45.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.480%
35) Dibromofluoromethane	8.171	113	189026	46.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	10.571	98	742566	49.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	238714	47.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%
Target Compounds						
40) Benzene	8.612	78	418068	25.200	ug/l	99
52) Toluene	10.635	92	195414	18.086	ug/l	100
67) Ethyl Benzene	11.965	91	29133	1.487	ug/l	99
68) m/p-Xylenes	12.071	106	63782	8.223	ug/l	100
69) o-Xylene	12.400	106	58722	7.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	44341	2.946	ug/l	98
95) Naphthalene	15.647	128	226674	18.056	ug/l	99

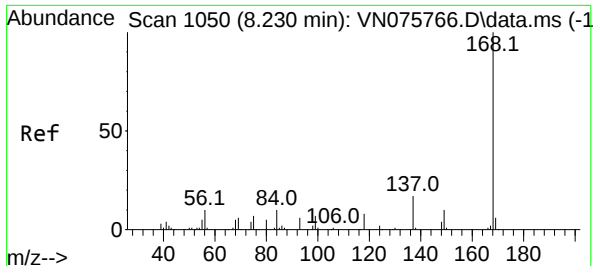
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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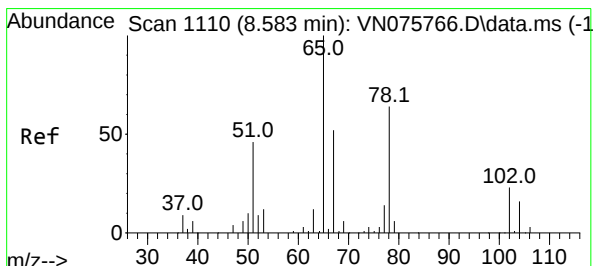
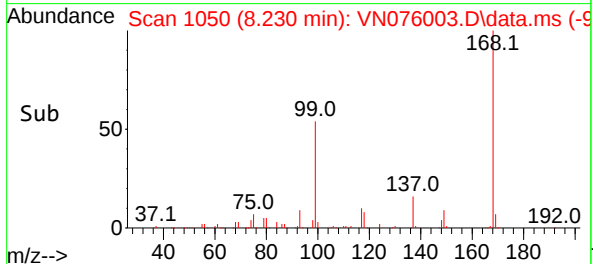
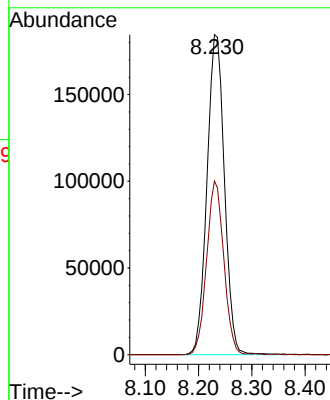
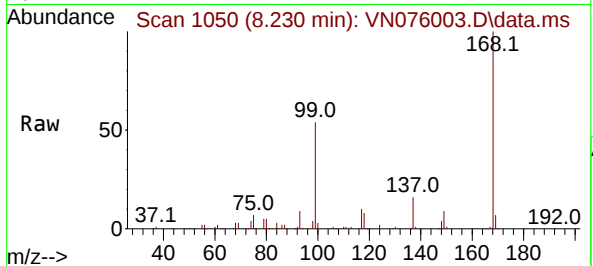




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

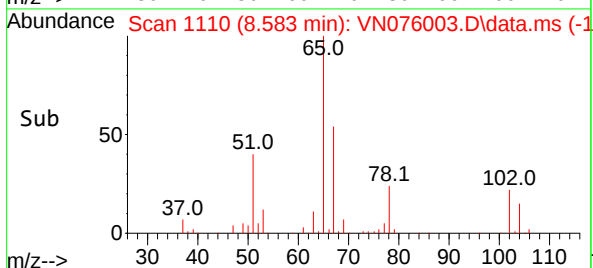
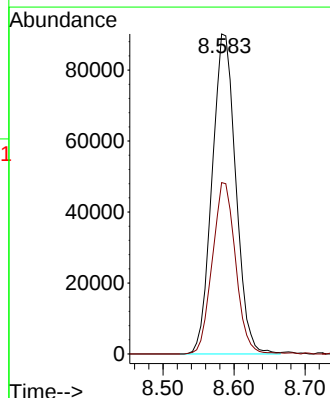
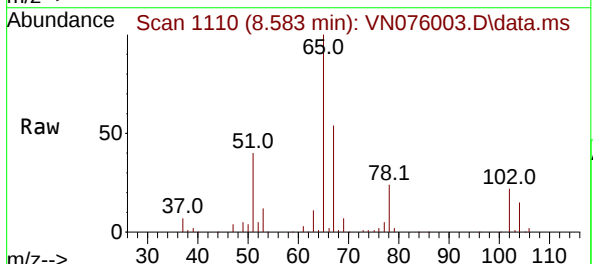
Instrument :
MSVOA_N
ClientSampleId :
SB-5

Tgt Ion:168 Resp: 419301
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.736 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

Tgt Ion: 65 Resp: 208629
Ion Ratio Lower Upper
65 100
67 52.5 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: VN076003.D

Acq: 28 Dec 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

SB-5

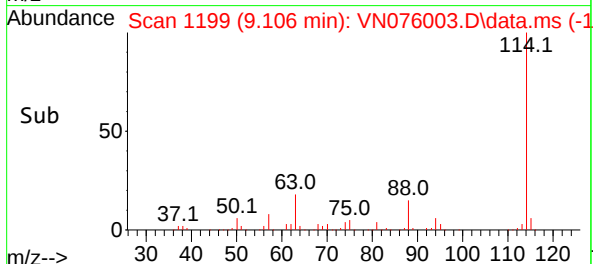
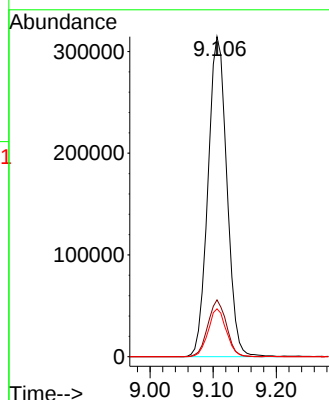
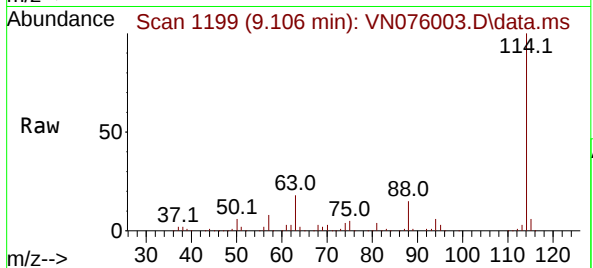
Tgt Ion:114 Resp: 653607

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.700 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076003.D

Acq: 28 Dec 2022 16:33

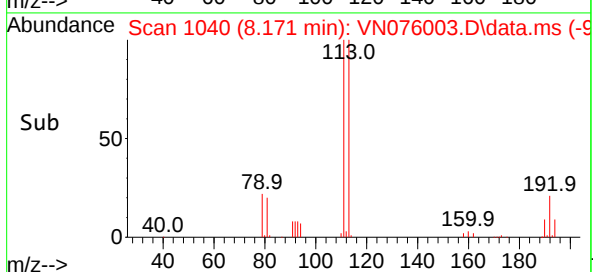
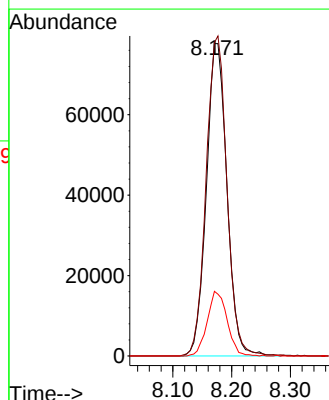
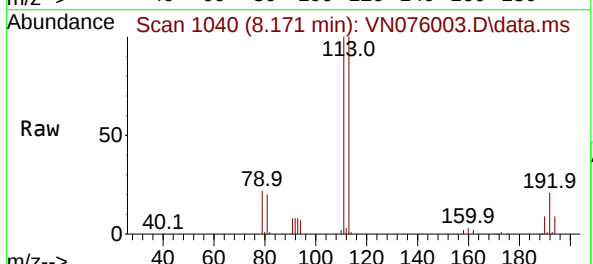
Tgt Ion:113 Resp: 189026

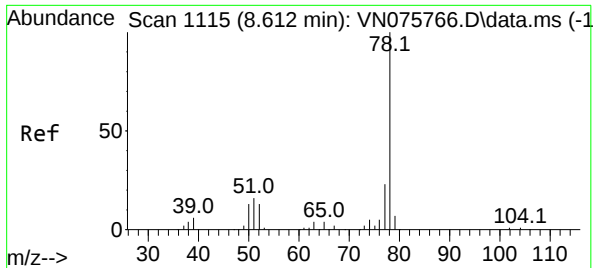
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 20.0 16.1 24.1

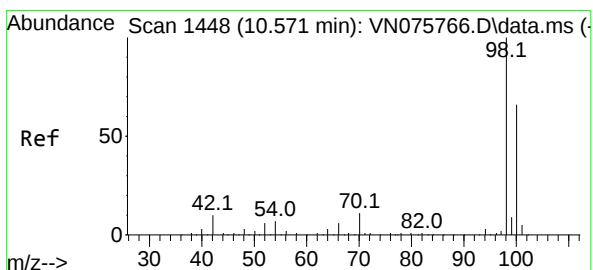
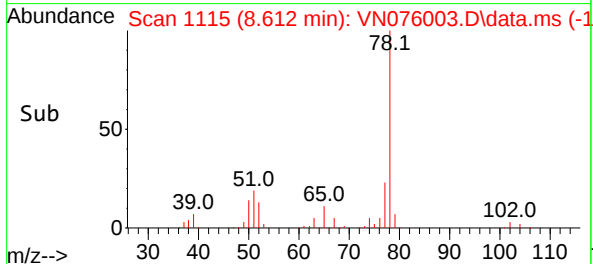
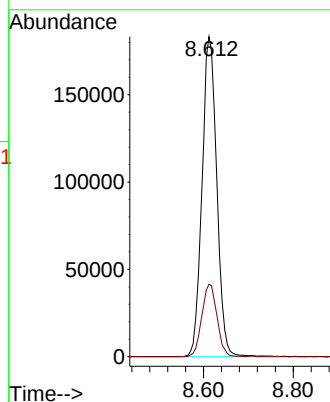
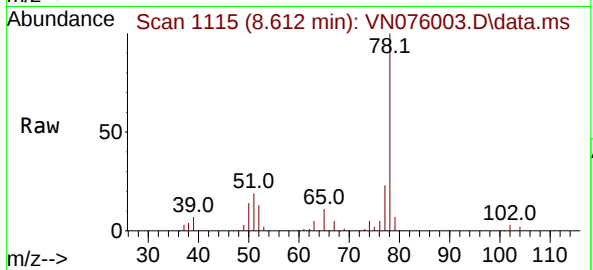




#40
Benzene
Concen: 25.200 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

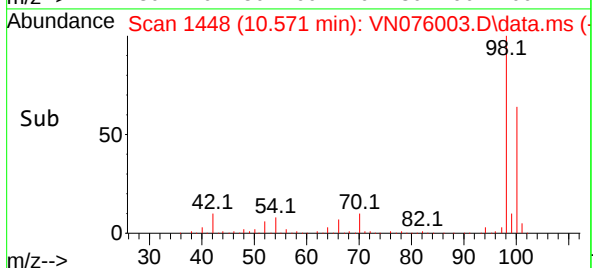
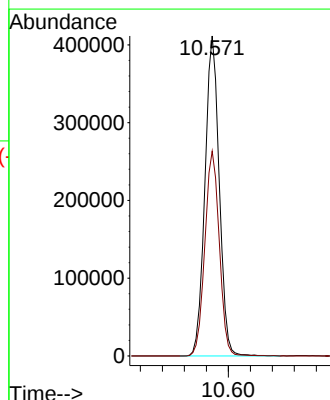
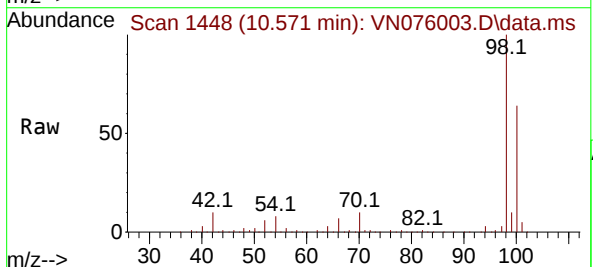
Instrument :
MSVOA_N
ClientSampleId :
SB-5

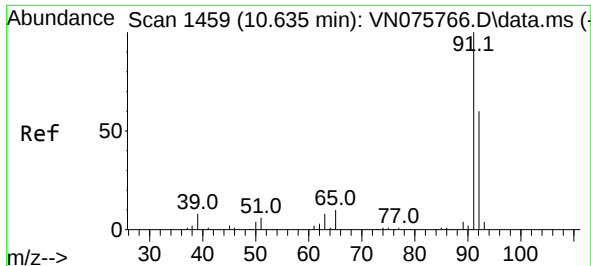
Tgt Ion: 78 Resp: 418068
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7



#50
Toluene-d8
Concen: 49.066 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

Tgt Ion: 98 Resp: 742566
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

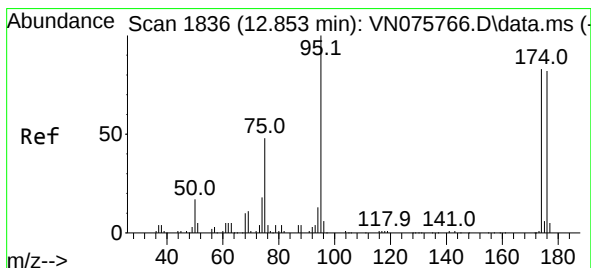
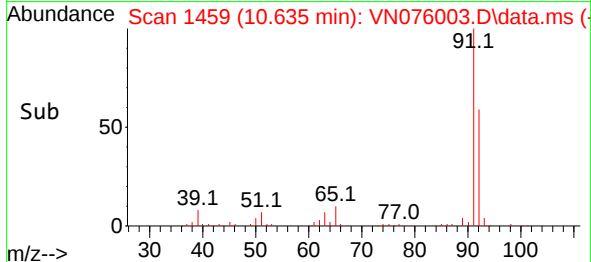
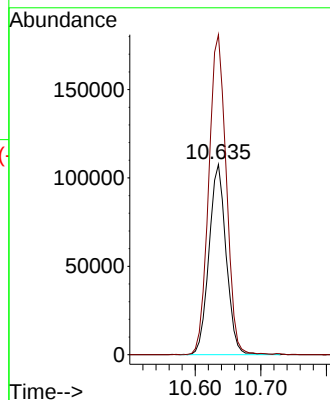
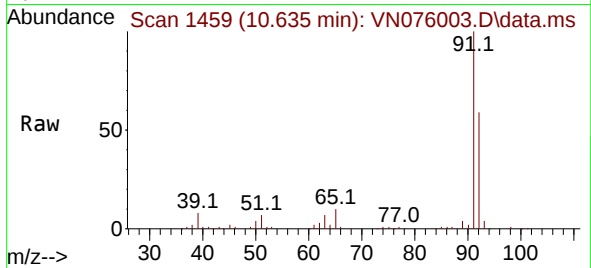




#52
Toluene
Concen: 18.086 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

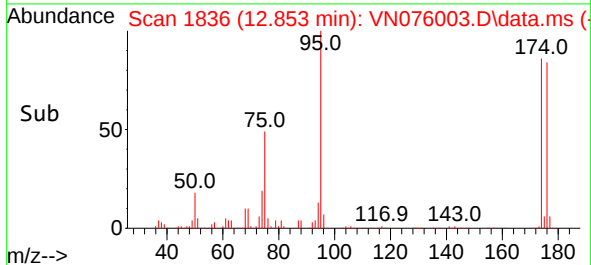
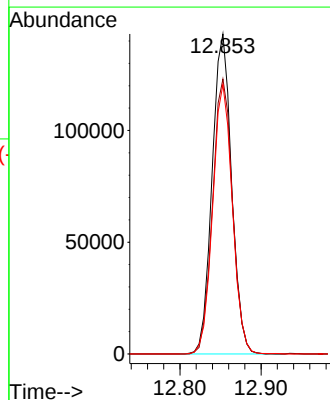
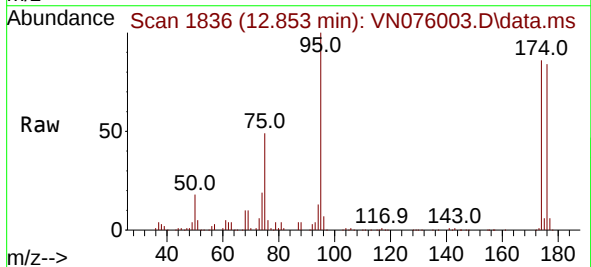
Instrument :
MSVOA_N
ClientSampleId :
SB-5

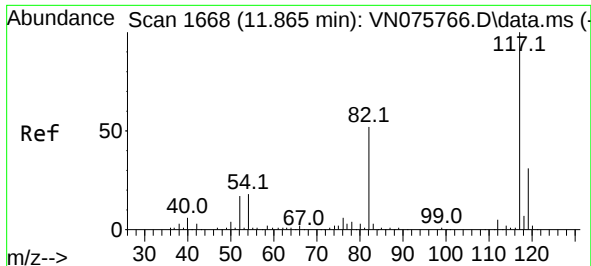
Tgt Ion: 92 Resp: 195414
Ion Ratio Lower Upper
92 100
91 171.8 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 47.624 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

Tgt Ion: 95 Resp: 238714
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 84.9 0.0 169.2

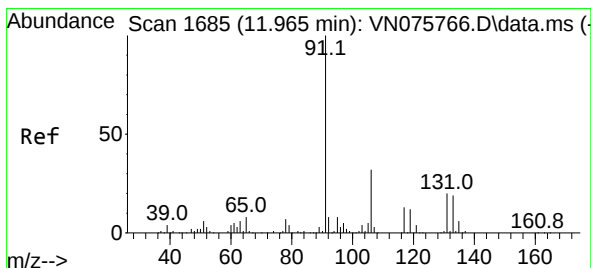
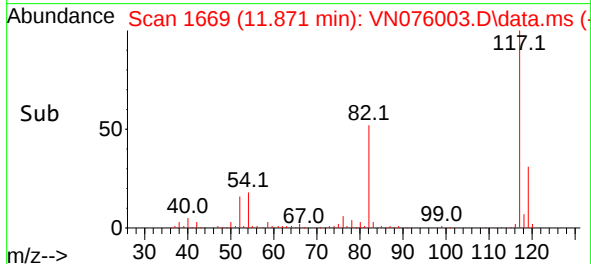
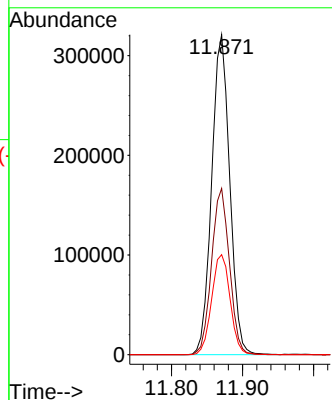
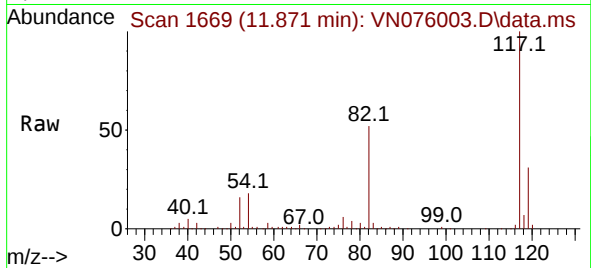




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

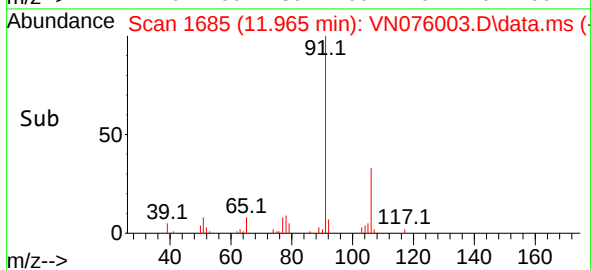
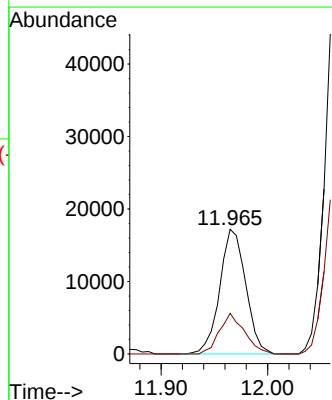
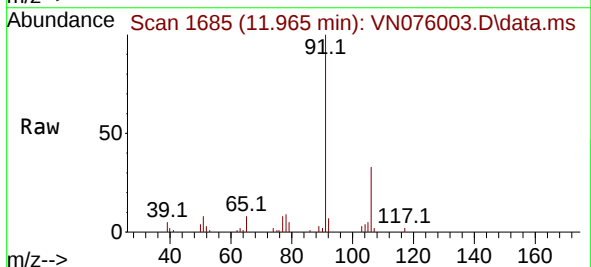
Instrument :
MSVOA_N
ClientSampleId :
SB-5

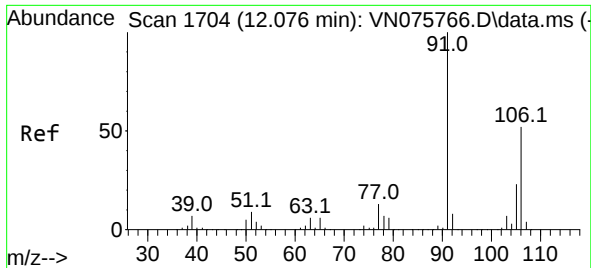
Tgt Ion:117 Resp: 565719
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 31.2 24.6 37.0



#67
Ethyl Benzene
Concen: 1.487 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

Tgt Ion: 91 Resp: 29133
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5

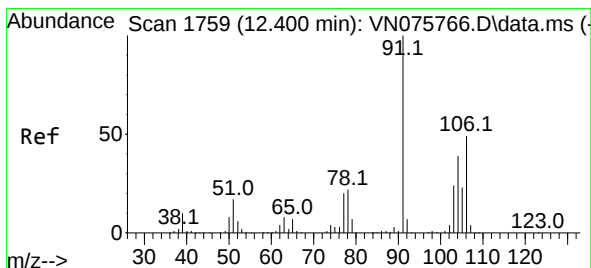
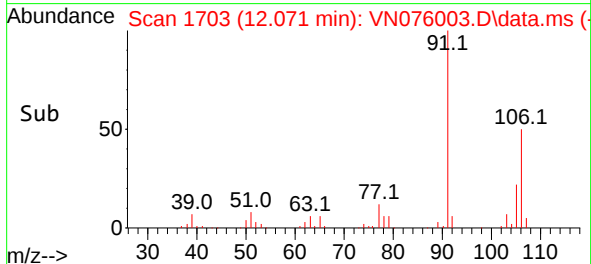
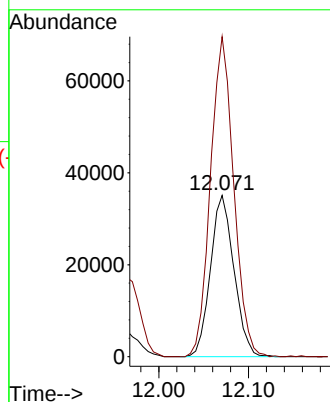
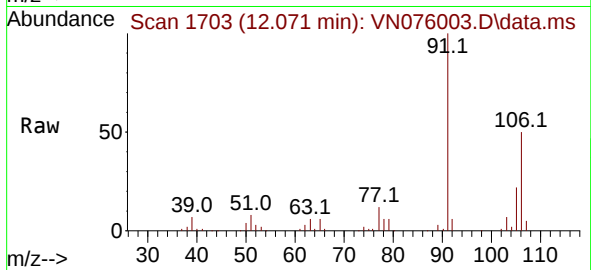




#68
m/p-Xylenes
Concen: 8.223 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

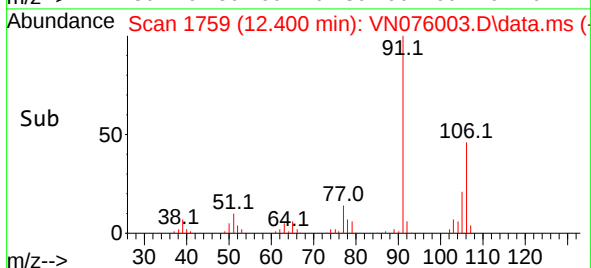
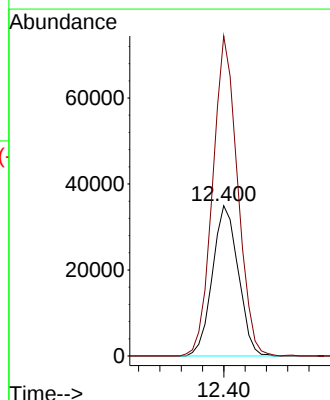
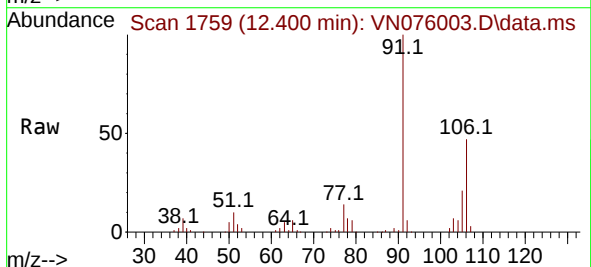
Instrument :
MSVOA_N
ClientSampleId :
SB-5

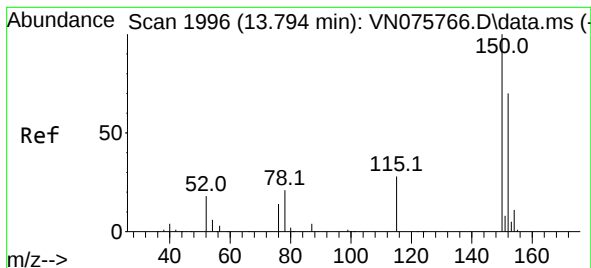
Tgt Ion:106 Resp: 63782
Ion Ratio Lower Upper
106 100
91 196.5 156.6 235.0



#69
o-Xylene
Concen: 7.650 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

Tgt Ion:106 Resp: 58722
Ion Ratio Lower Upper
106 100
91 205.5 103.8 311.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076003.D

Acq: 28 Dec 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

SB-5

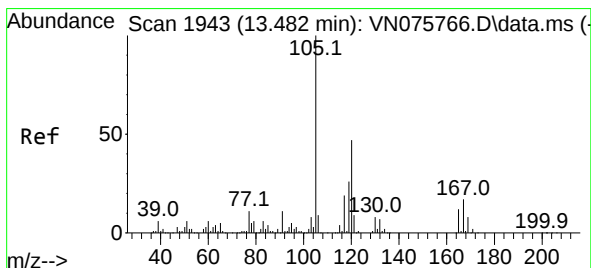
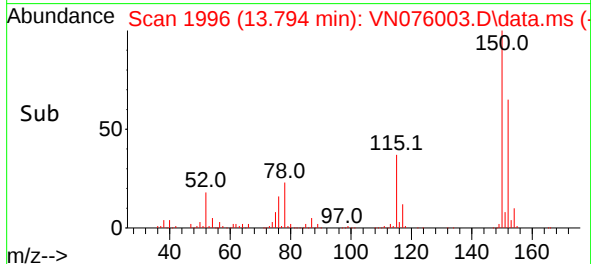
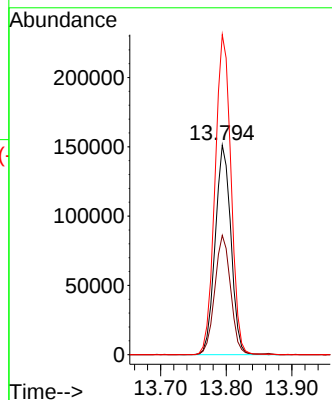
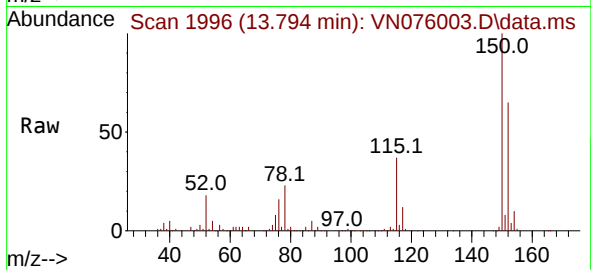
Tgt Ion:152 Resp: 250886

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.4

150 155.0 0.0 347.0



#84

1,2,4-Trimethylbenzene

Concen: 2.946 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076003.D

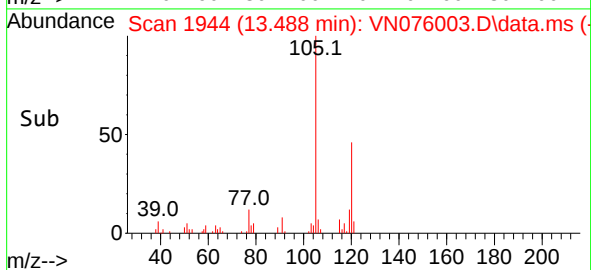
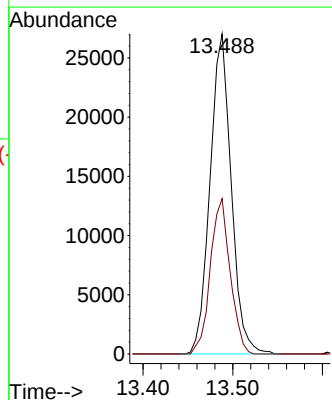
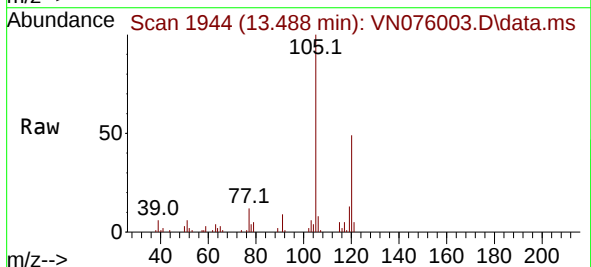
Acq: 28 Dec 2022 16:33

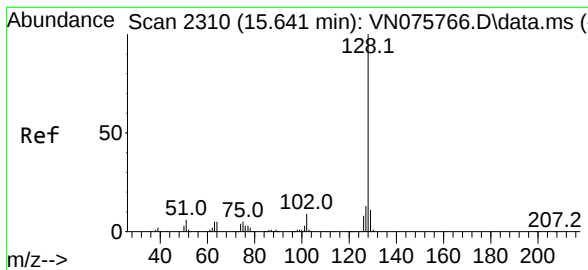
Tgt Ion:105 Resp: 44341

Ion Ratio Lower Upper

105 100

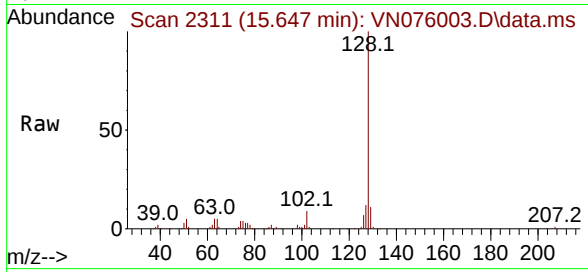
120 45.4 23.3 69.8





#95
Naphthalene
Concen: 18.056 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076003.D
Acq: 28 Dec 2022 16:33

Instrument :
MSVOA_N
ClientSampleId :
SB-5



Tgt Ion:	128	Resp:	226674
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.7	13.1

