

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076007.D
 Acq On : 28 Dec 2022 18:08
 Operator : JC\MD
 Sample : N6213-09 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-9

Quant Time: Dec 29 04:55:33 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)

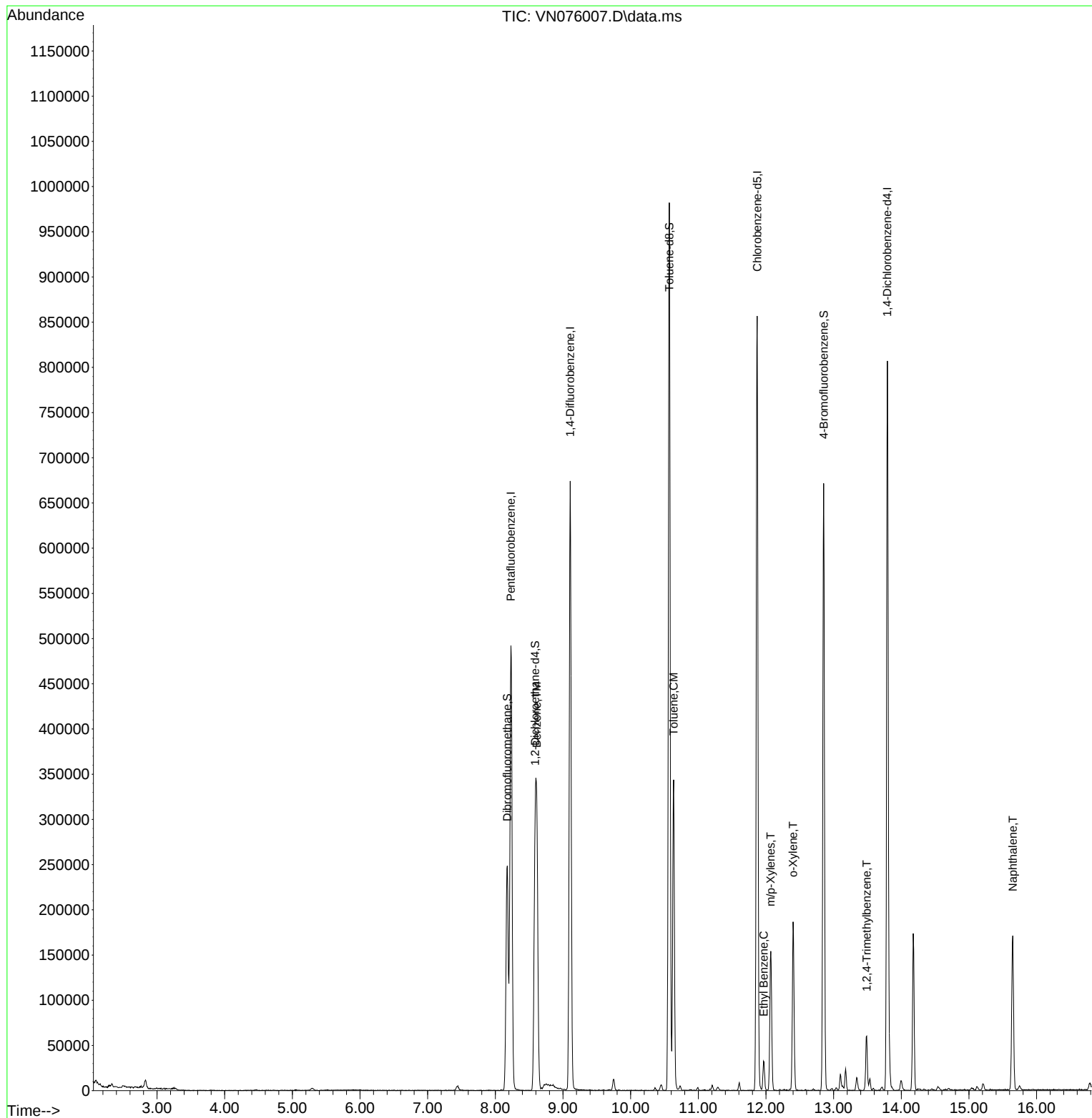
Internal Standards						
1) Pentafluorobenzene	8.230	168	390749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	535779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	193128	45.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.860%
35) Dibromofluoromethane	8.177	113	179121	46.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.571	98	702866	49.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.853	95	226503	47.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	299229	19.092	ug/l	100
52) Toluene	10.635	92	158810	15.558	ug/l	99
67) Ethyl Benzene	11.965	91	23777	1.281	ug/l	97
68) m/p-Xylenes	12.071	106	53409	7.271	ug/l	99
69) o-Xylene	12.400	106	52338	7.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	36898	2.625	ug/l	98
95) Naphthalene	15.647	128	168668	14.829	ug/l	99

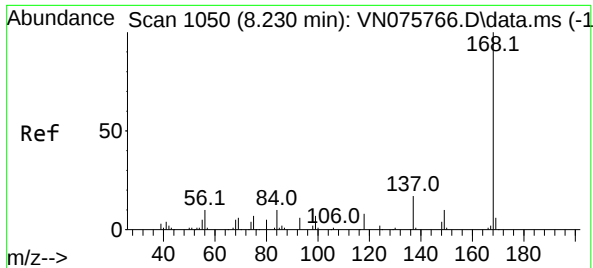
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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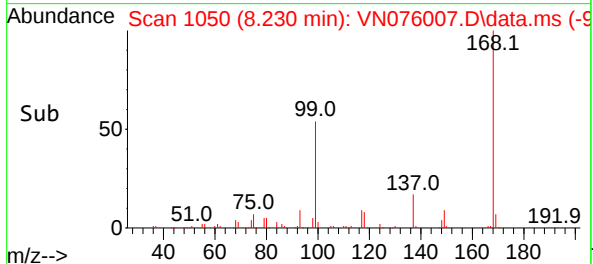
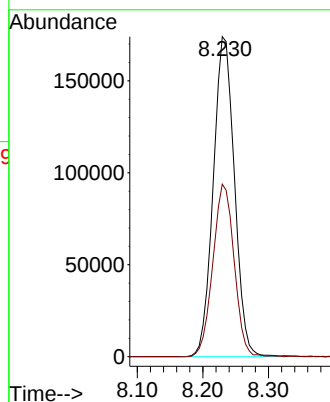
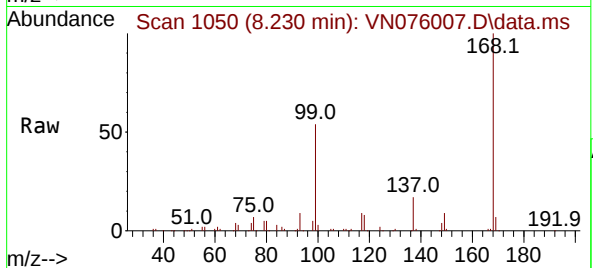




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

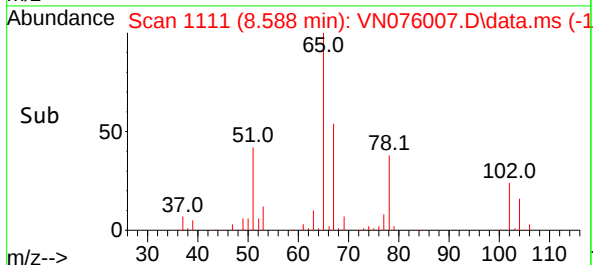
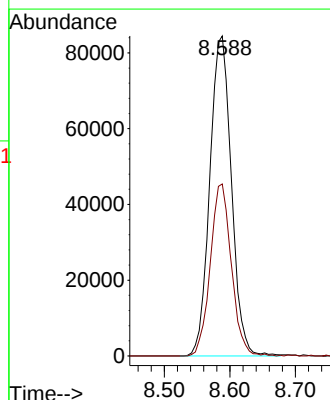
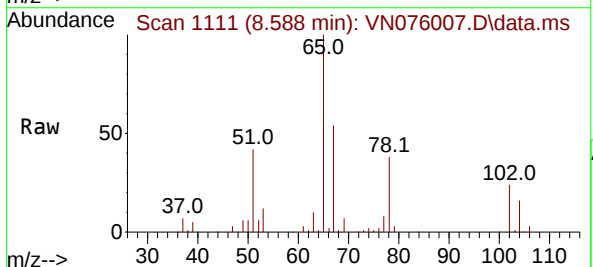
Instrument :
MSVOA_N
ClientSampleId :
SB-9

Tgt Ion:168 Resp: 390749
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.431 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

Tgt Ion: 65 Resp: 193128
Ion Ratio Lower Upper
65 100
67 52.4 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: VN076007.D

Acq: 28 Dec 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

SB-9

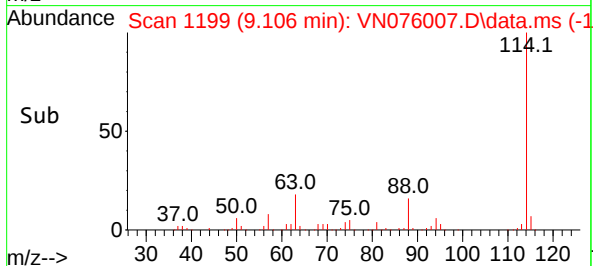
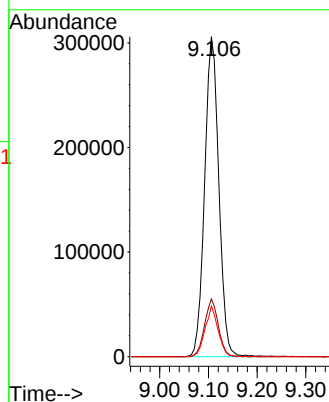
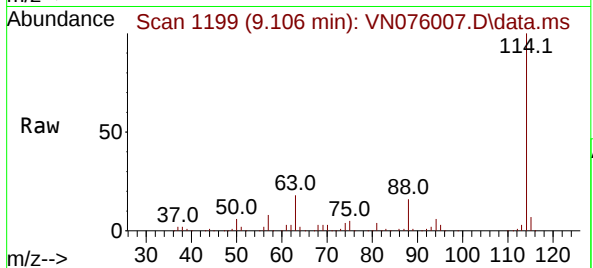
Tgt Ion:114 Resp: 617486

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 15.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.841 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076007.D

Acq: 28 Dec 2022 18:08

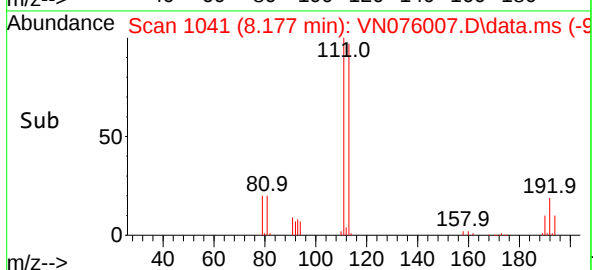
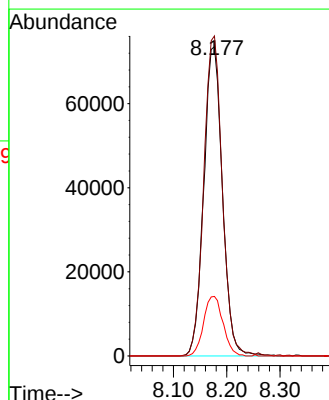
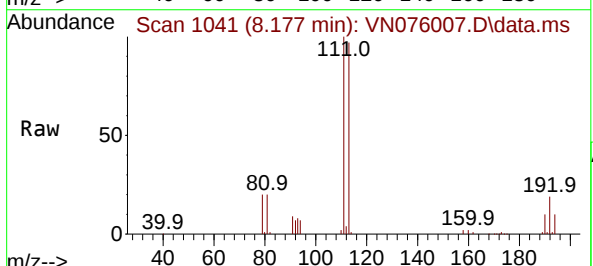
Tgt Ion:113 Resp: 179121

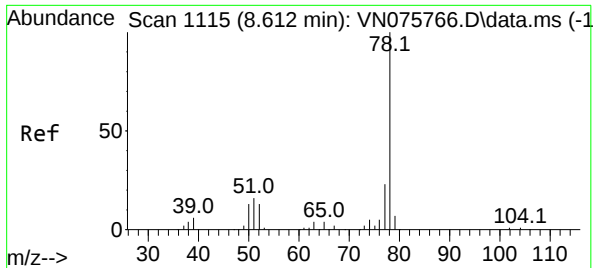
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 20.0 16.1 24.1

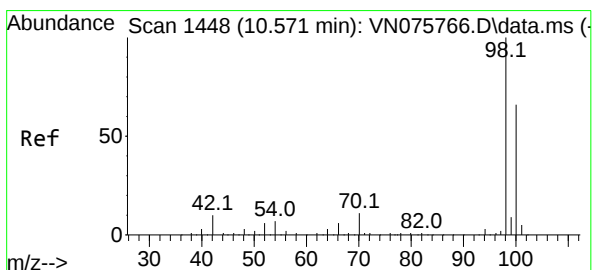
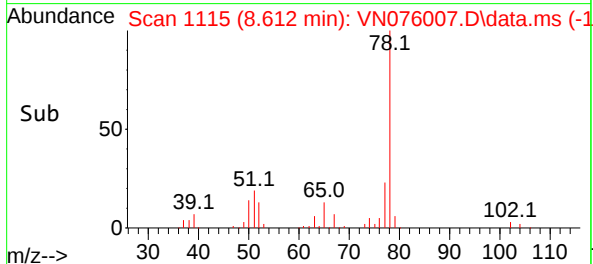
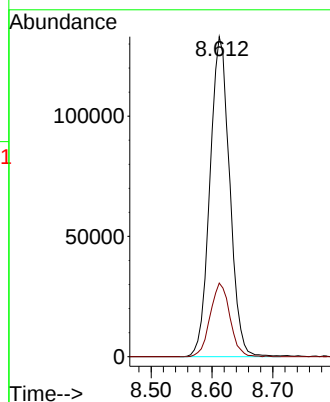
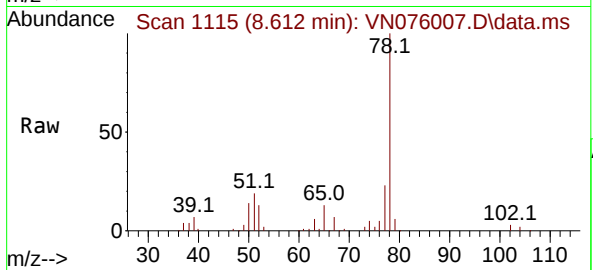




#40
Benzene
Concen: 19.092 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

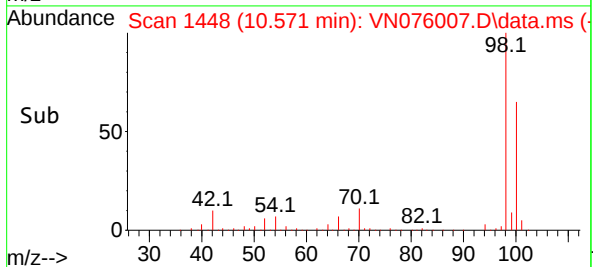
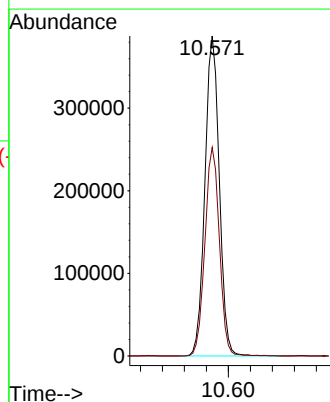
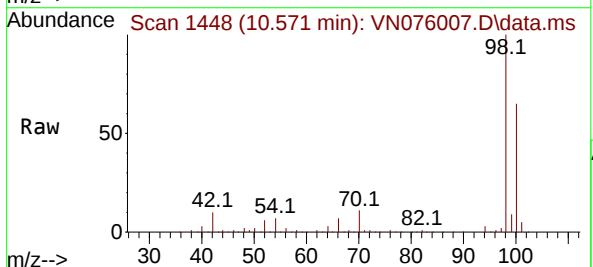
Instrument :
MSVOA_N
ClientSampleId :
SB-9

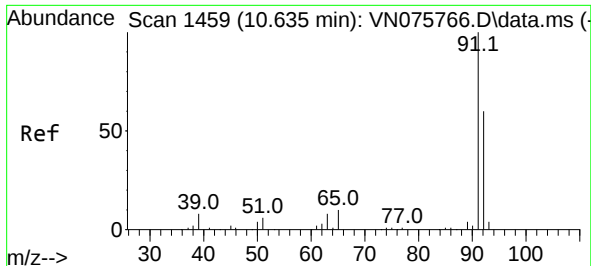
Tgt Ion: 78 Resp: 299229
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7



#50
Toluene-d8
Concen: 49.160 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

Tgt Ion: 98 Resp: 702866
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

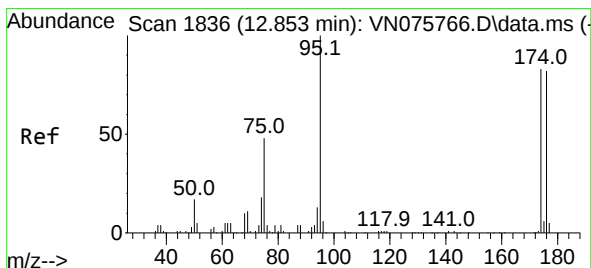
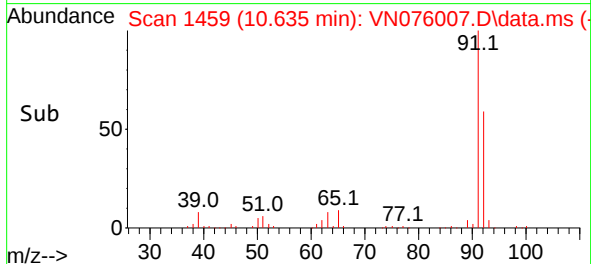
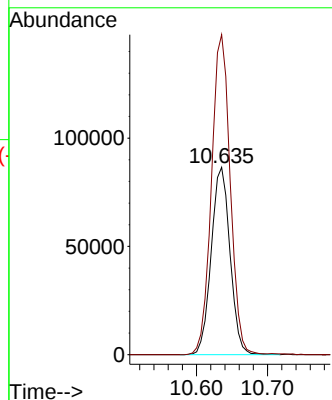
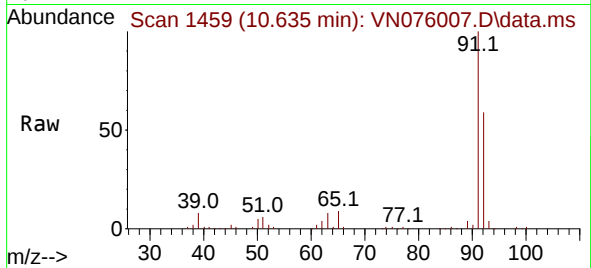




#52
Toluene
Concen: 15.558 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

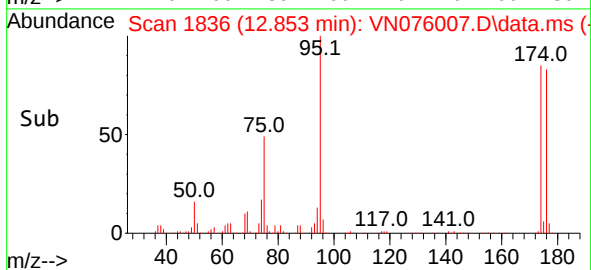
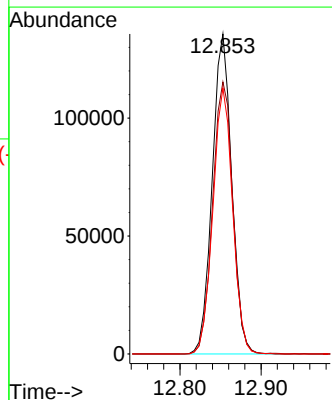
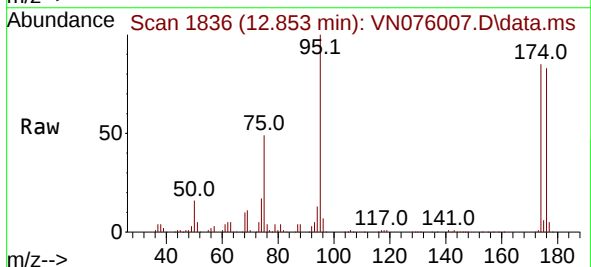
Instrument :
MSVOA_N
ClientSampleId :
SB-9

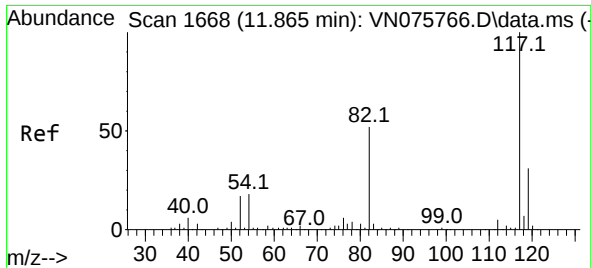
Tgt Ion: 92 Resp: 158810
Ion Ratio Lower Upper
92 100
91 170.2 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 47.831 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

Tgt Ion: 95 Resp: 226503
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.2 0.0 169.2

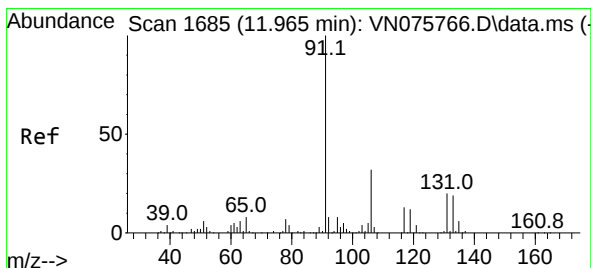
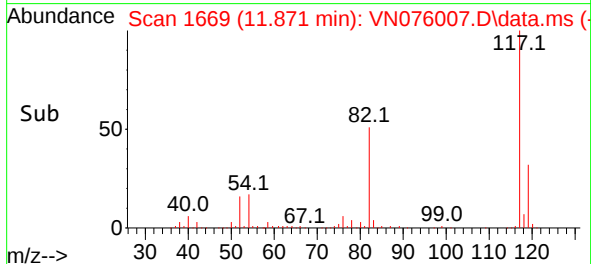
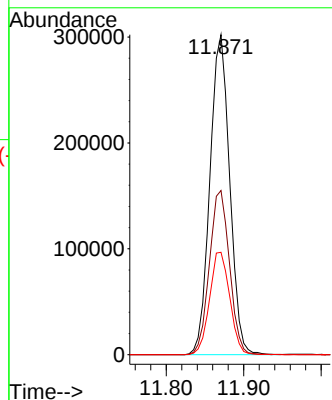
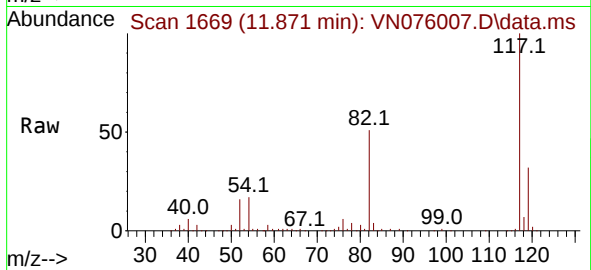




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

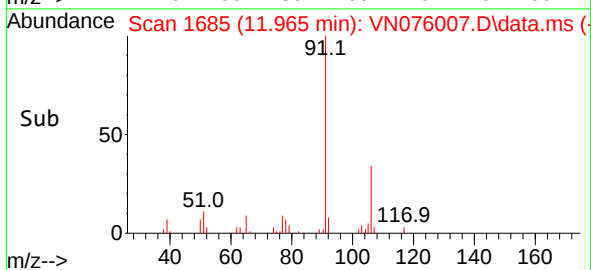
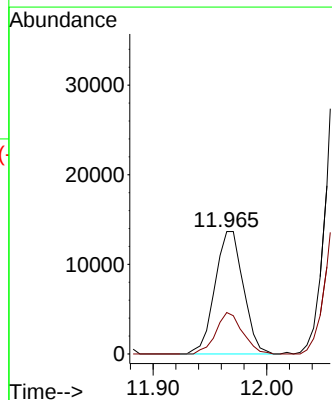
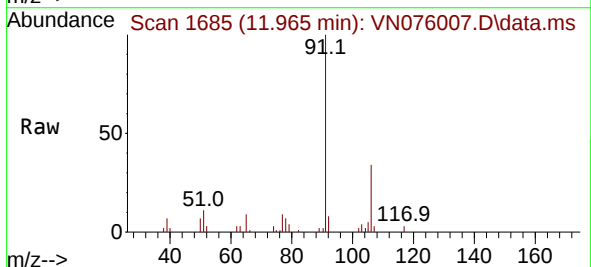
Instrument :
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ClientSampleId :
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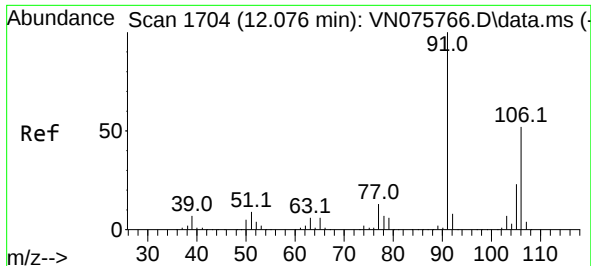
Tgt Ion:117 Resp: 535779
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 32.0 24.6 37.0



#67
Ethyl Benzene
Concen: 1.281 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

Tgt Ion: 91 Resp: 23777
Ion Ratio Lower Upper
91 100
106 33.8 25.7 38.5

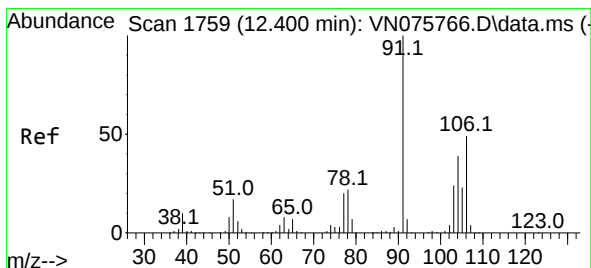
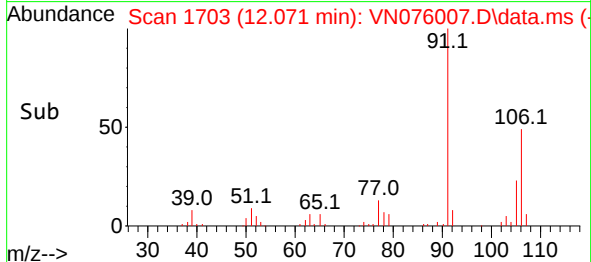
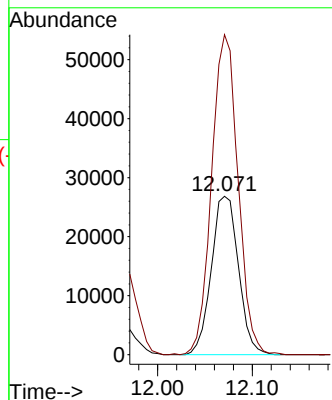
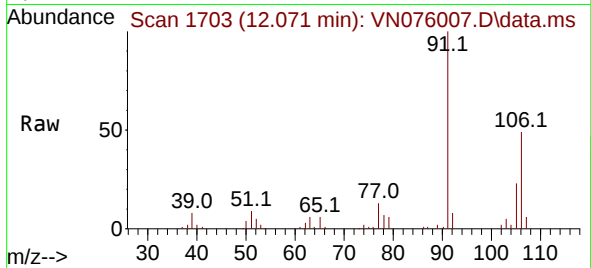




#68
m/p-Xylenes
Concen: 7.271 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

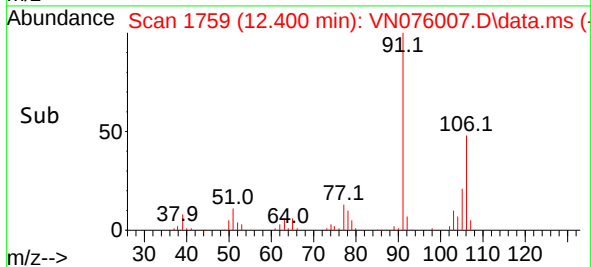
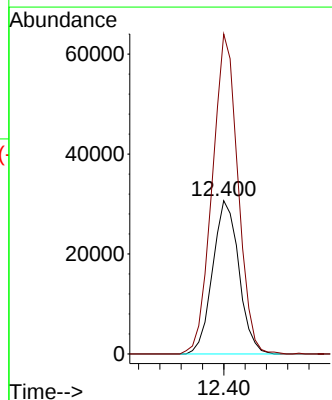
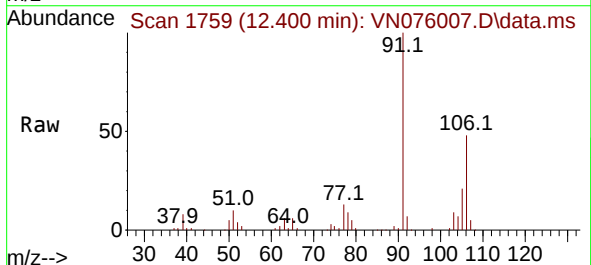
Instrument :
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ClientSampleId :
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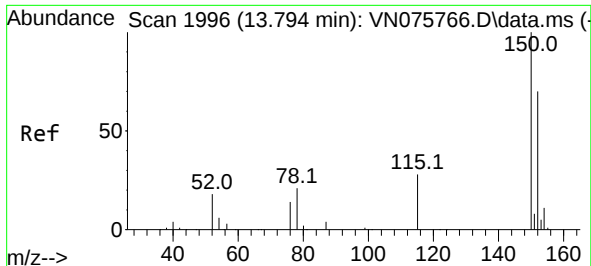
Tgt Ion:106 Resp: 53409
Ion Ratio Lower Upper
106 100
91 197.0 156.6 235.0



#69
o-Xylene
Concen: 7.200 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

Tgt Ion:106 Resp: 52338
Ion Ratio Lower Upper
106 100
91 204.3 103.8 311.6

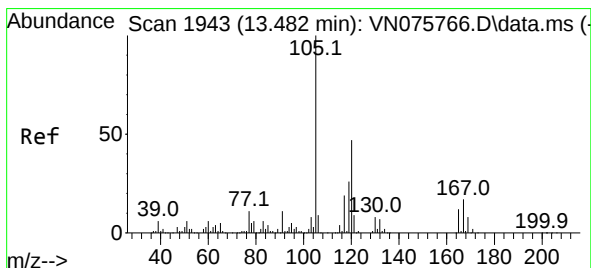
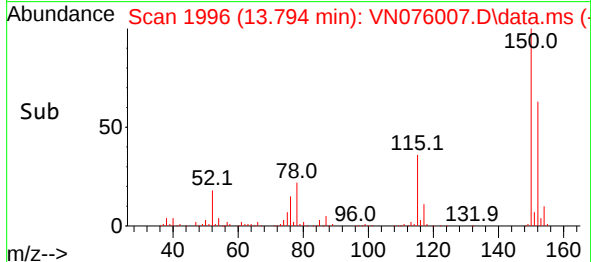
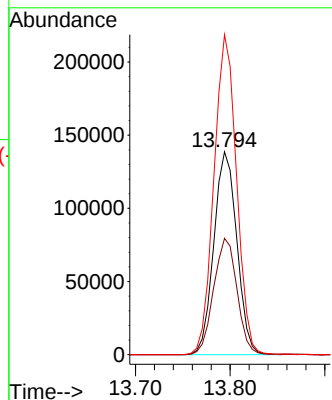
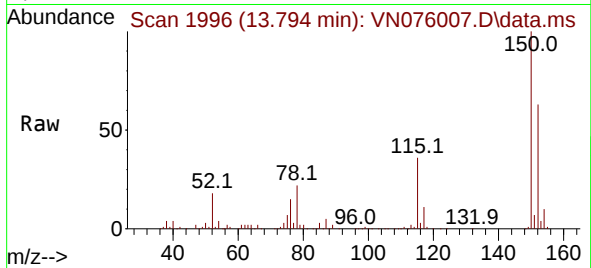




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076007.D
 Acq: 28 Dec 2022 18:08

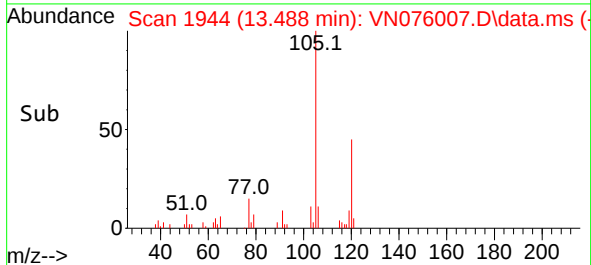
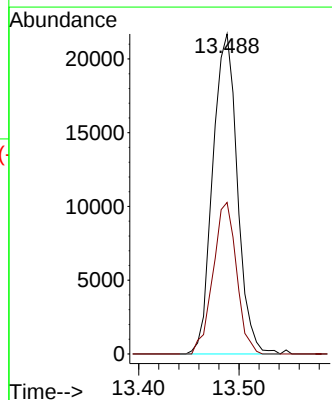
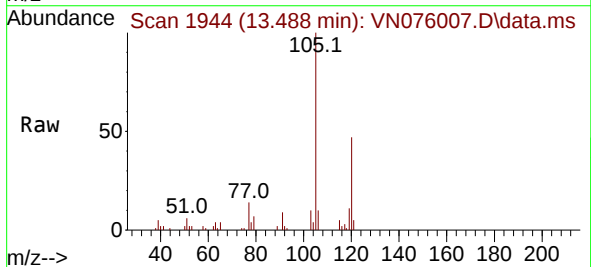
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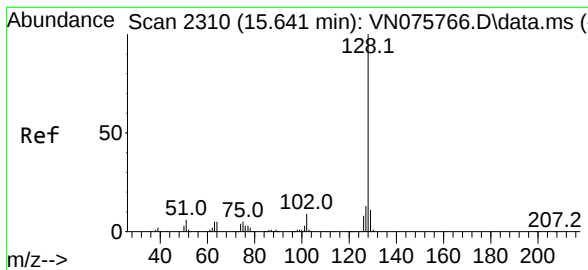
Tgt Ion:152 Resp: 234302
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.1 87.4
 150 154.8 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.625 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076007.D
 Acq: 28 Dec 2022 18:08

Tgt Ion:105 Resp: 36898
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.3 69.8





#95
Naphthalene
Concen: 14.829 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076007.D
Acq: 28 Dec 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
SB-9

Tgt Ion:128 Resp: 168668
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.7 13.1

