

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076051.D
 Acq On : 29 Dec 2022 16:06
 Operator : JC\MD
 Sample : N6213-01DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1DL

Quant Time: Dec 30 05:34:38 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

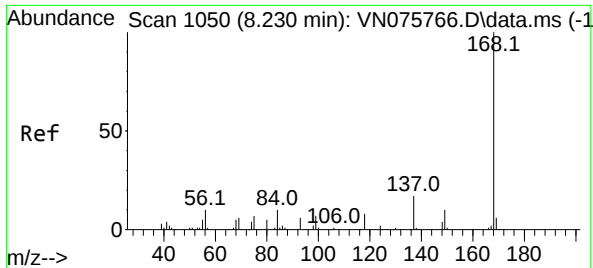
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	372761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	587288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	497606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	187241	46.172	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.340%
35) Dibromofluoromethane	8.171	113	171797	47.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	10.571	98	668287	49.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.853	95	209764	46.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	404464	27.133	ug/l	99
52) Toluene	10.635	92	205235	21.140	ug/l	99
67) Ethyl Benzene	11.965	91	29773	1.727	ug/l	97
68) m/p-Xylenes	12.071	106	68924	10.102	ug/l	96
69) o-Xylene	12.400	106	74543	11.041	ug/l	100
70) Styrene	12.412	104	27251	2.538	ug/l #	64
80) 1,3,5-Trimethylbenzene	13.176	105	19365	1.460	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	51667	3.927	ug/l	100
95) Naphthalene	15.641	128	263965	23.331	ug/l	100

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

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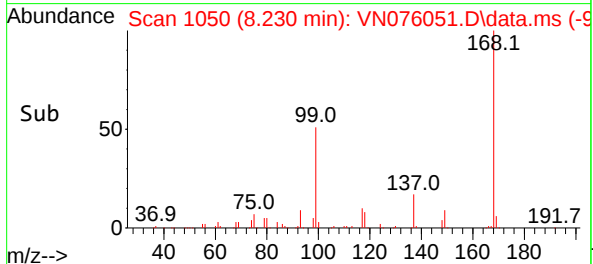
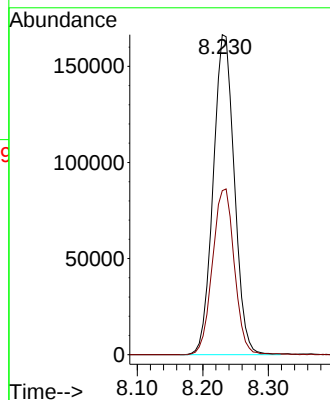
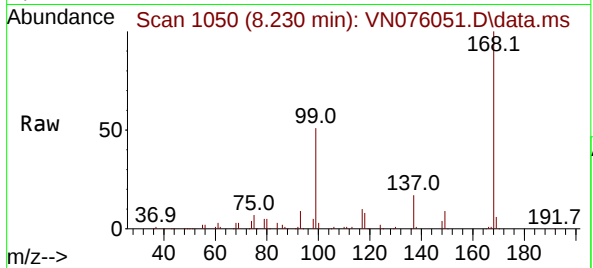




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

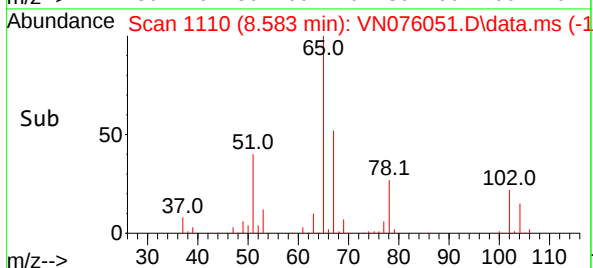
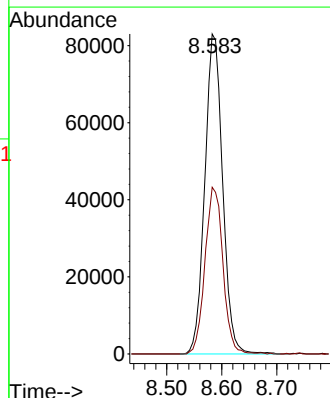
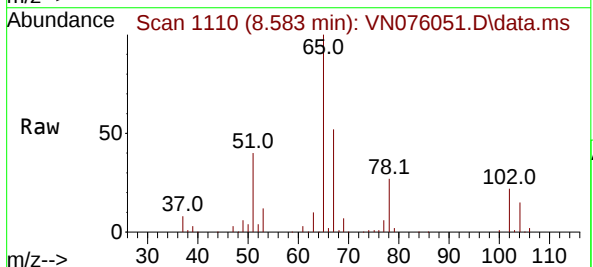
Instrument :
MSVOA_N
ClientSampleId :
SB-1DL

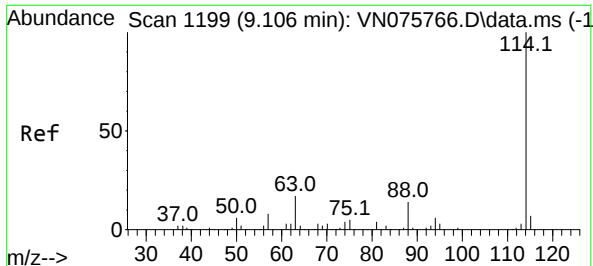
Tgt Ion:168 Resp: 372761
Ion Ratio Lower Upper
168 100
99 51.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.172 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion: 65 Resp: 187241
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: VN076051.D

Acq: 29 Dec 2022 16:06

Instrument :

MSVOA_N

ClientSampleId :

SB-1DL

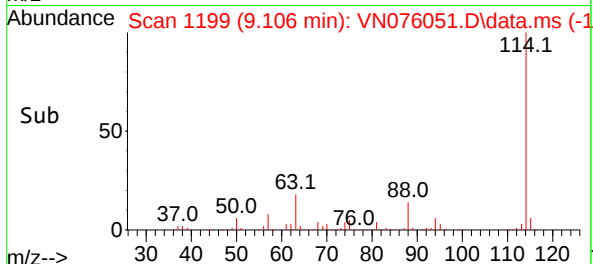
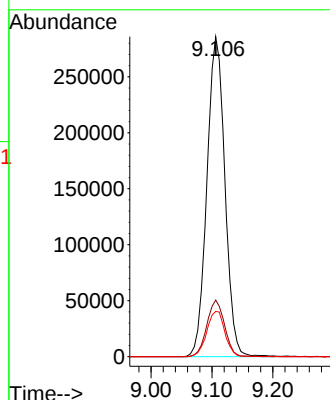
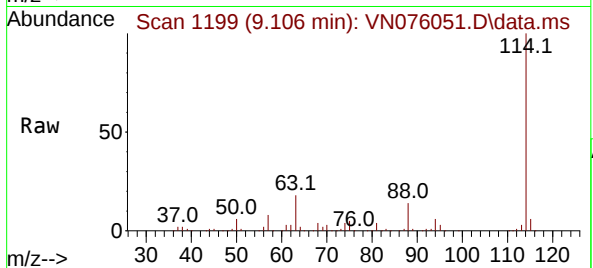
Tgt Ion:114 Resp: 587288

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.236 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076051.D

Acq: 29 Dec 2022 16:06

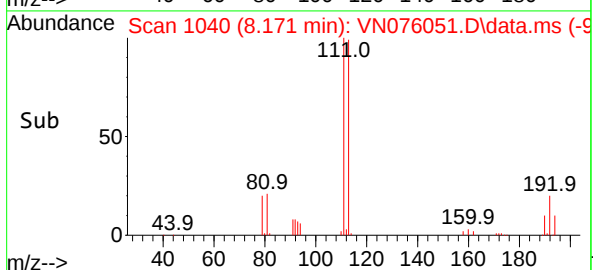
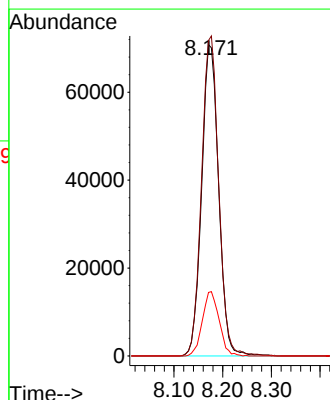
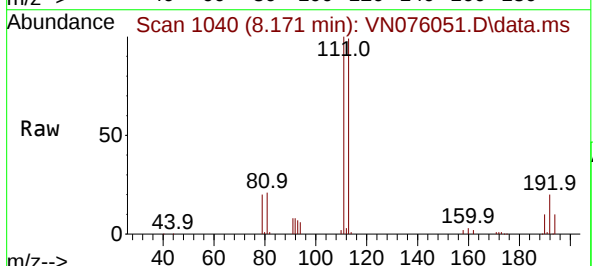
Tgt Ion:113 Resp: 171797

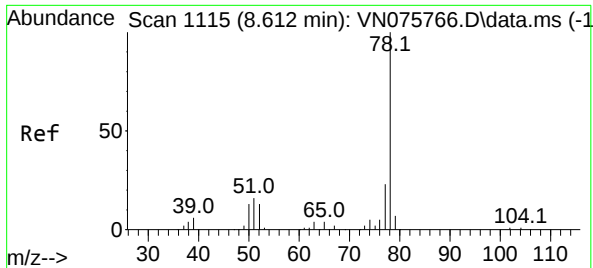
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 20.4 16.1 24.1

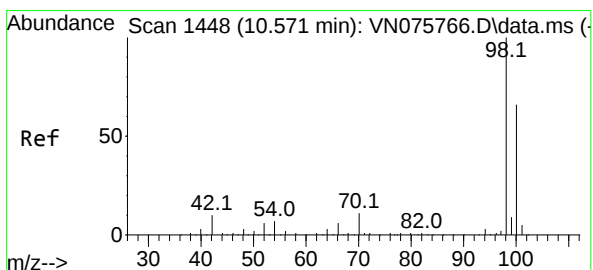
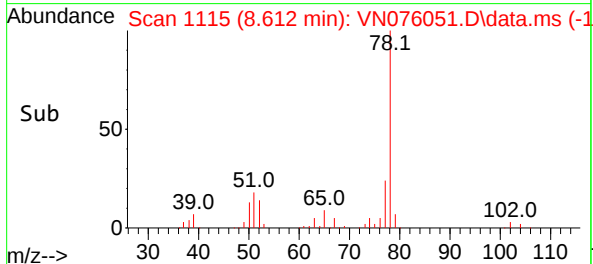
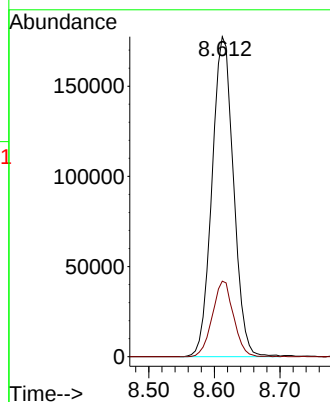
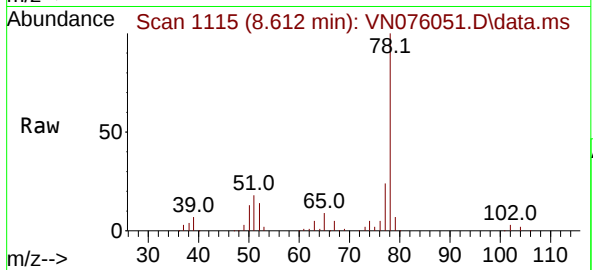




#40
Benzene
Concen: 27.133 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

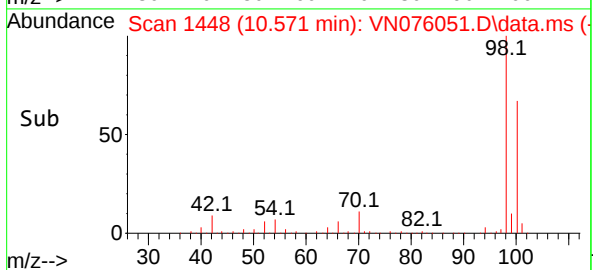
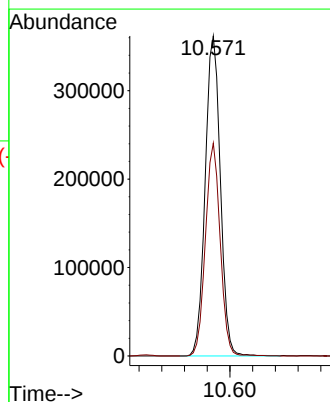
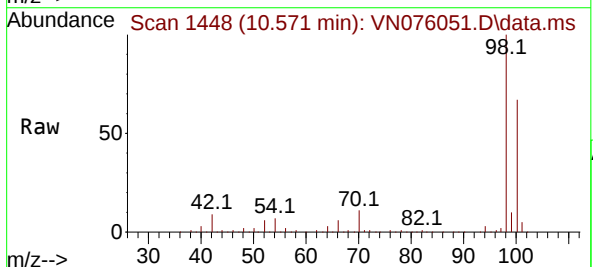
Instrument :
MSVOA_N
ClientSampleId :
SB-1DL

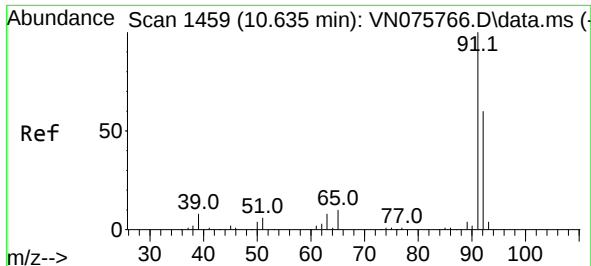
Tgt Ion: 78 Resp: 404464
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



#50
Toluene-d8
Concen: 49.145 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion: 98 Resp: 668287
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

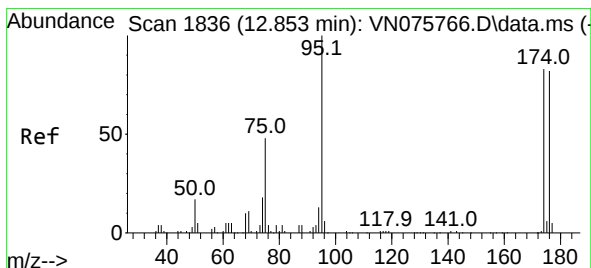
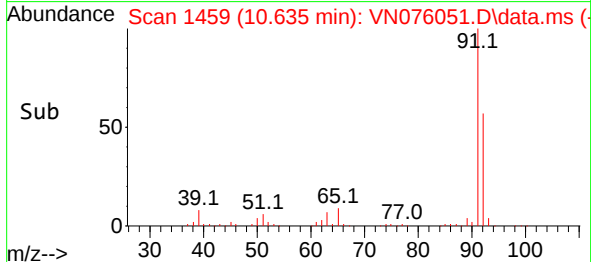
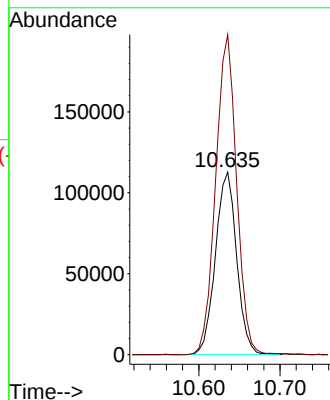
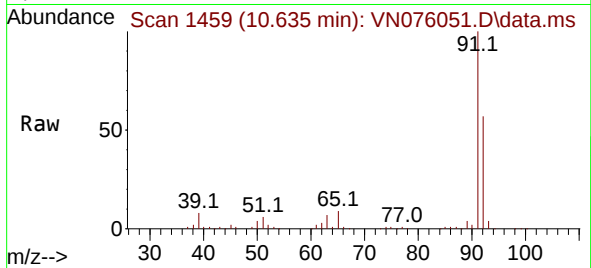




#52
Toluene
Concen: 21.140 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

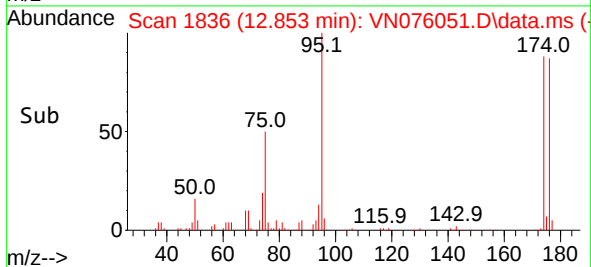
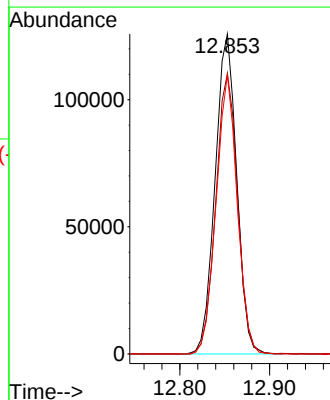
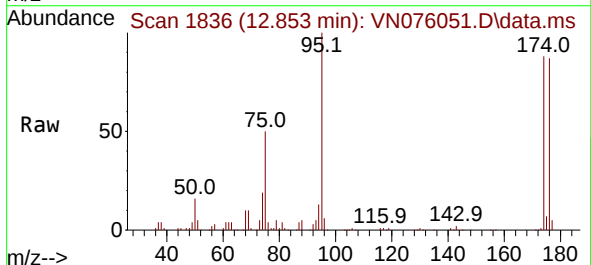
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MSVOA_N
ClientSampleId :
SB-1DL

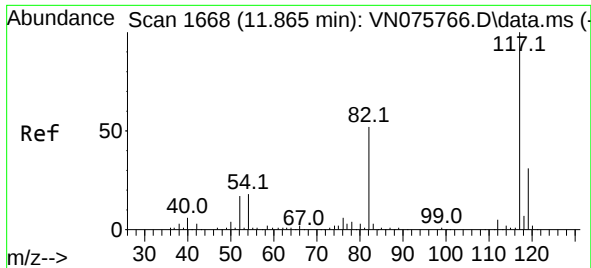
Tgt Ion: 92 Resp: 205235
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 46.574 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion: 95 Resp: 209764
Ion Ratio Lower Upper
95 100
174 88.5 0.0 171.6
176 85.3 0.0 169.2

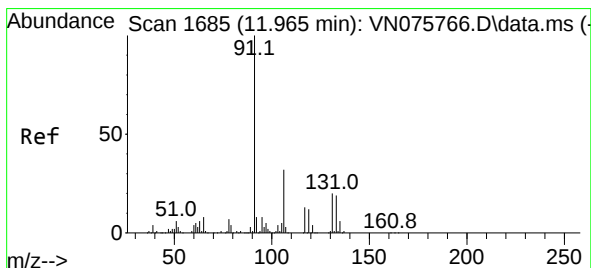
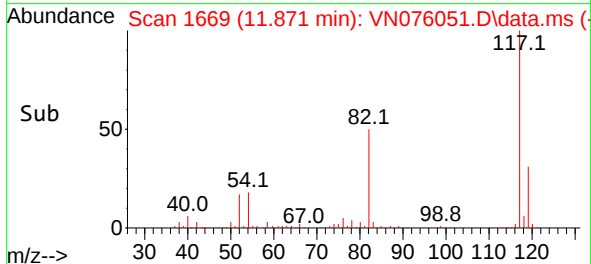
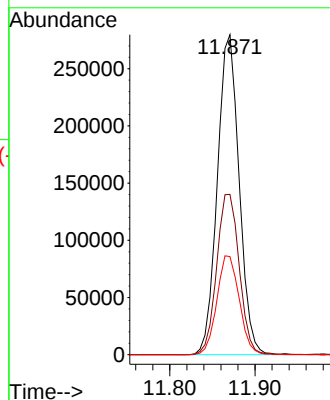
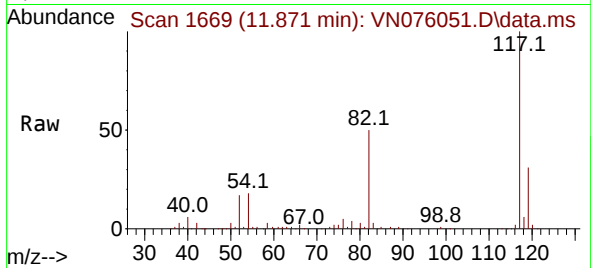




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

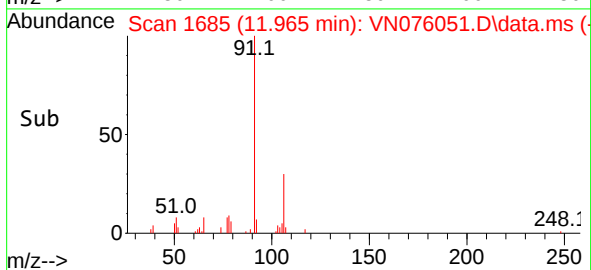
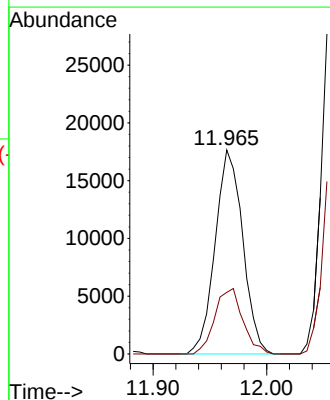
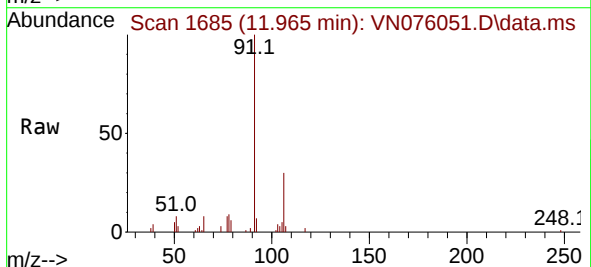
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MSVOA_N
ClientSampleId :
SB-1DL

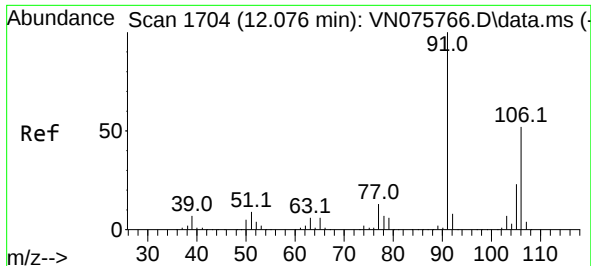
Tgt Ion:117 Resp: 497606
Ion Ratio Lower Upper
117 100
82 50.1 41.3 61.9
119 30.7 24.6 37.0



#67
Ethyl Benzene
Concen: 1.727 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion: 91 Resp: 29773
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

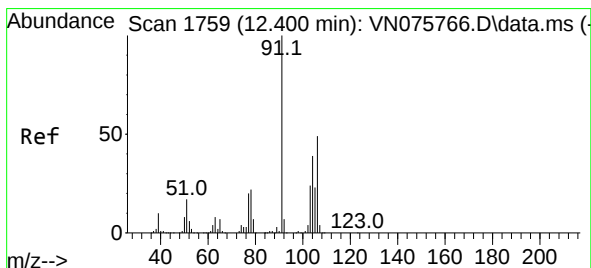
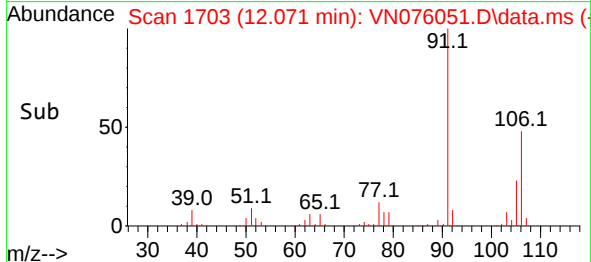
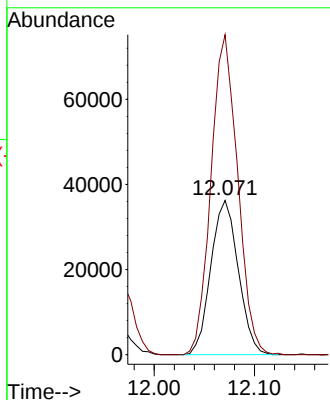
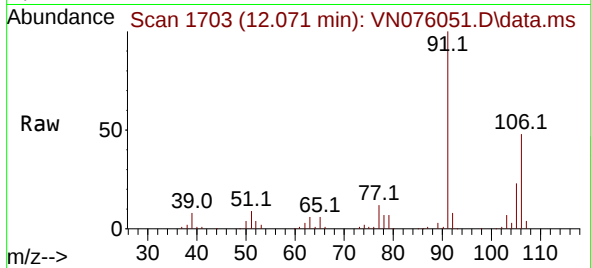




#68
m/p-Xylenes
Concen: 10.102 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

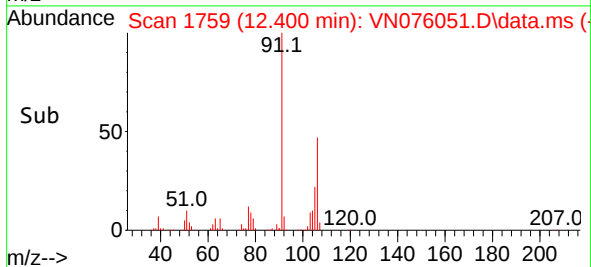
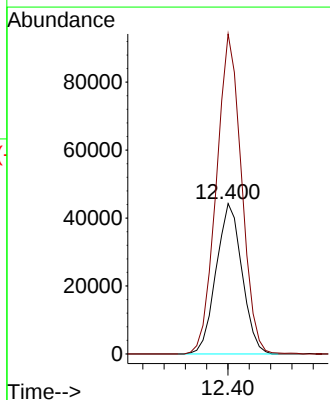
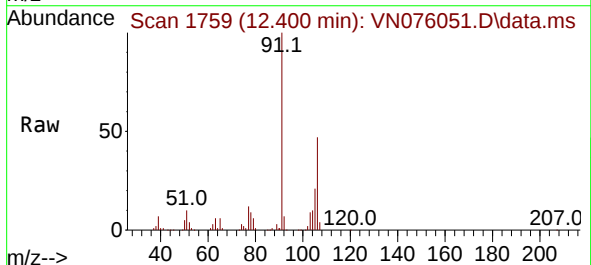
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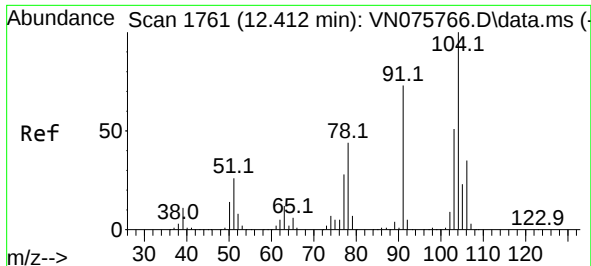
Tgt Ion:106 Resp: 68924
Ion Ratio Lower Upper
106 100
91 201.6 156.6 235.0



#69
o-Xylene
Concen: 11.041 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion:106 Resp: 74543
Ion Ratio Lower Upper
106 100
91 207.2 103.8 311.6

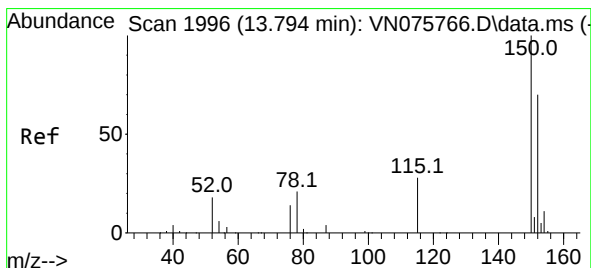
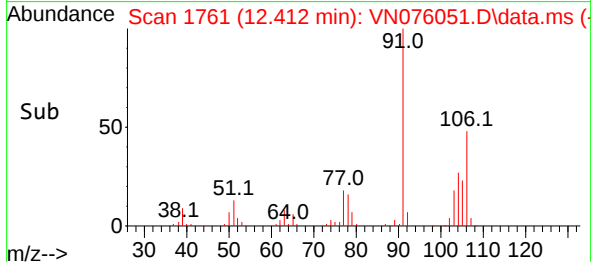
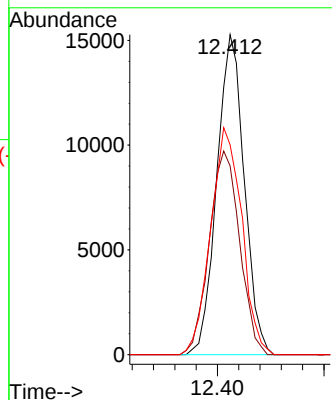
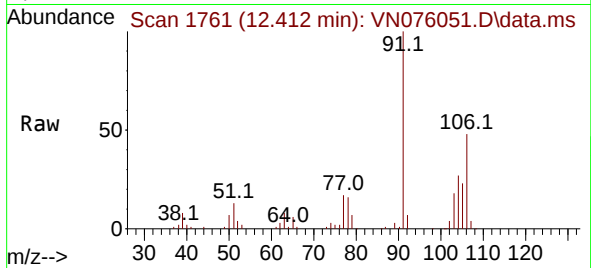




#70
Styrene
Concen: 2.538 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

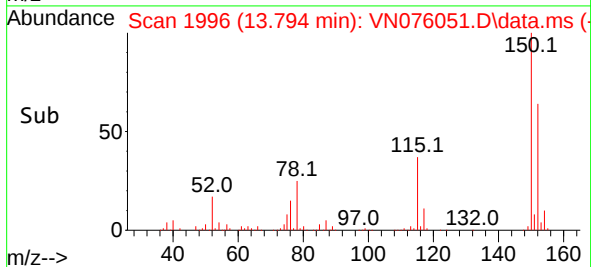
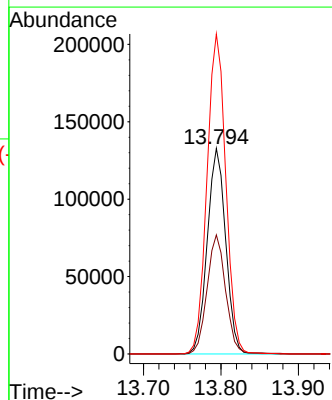
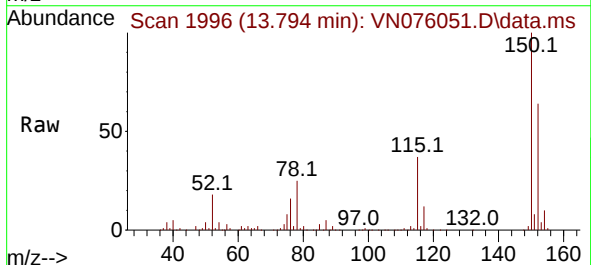
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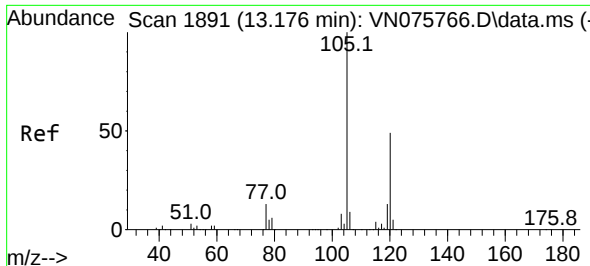
Tgt Ion:104 Resp: 27251
Ion Ratio Lower Upper
104 100
78 70.7 37.5 56.3#
103 80.4 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion:152 Resp: 219301
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 158.6 0.0 347.0

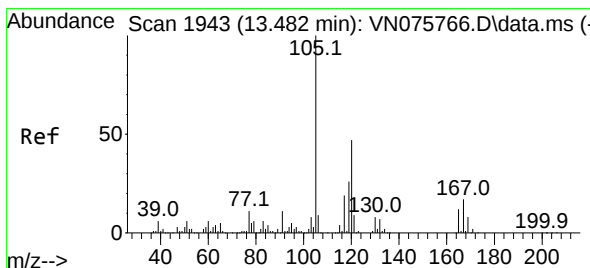
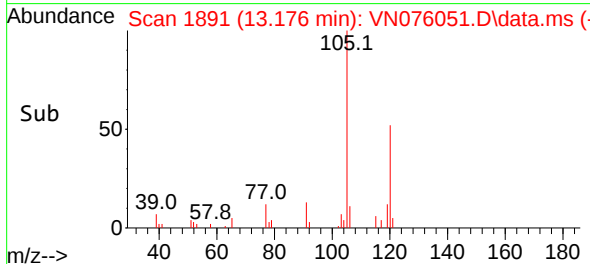
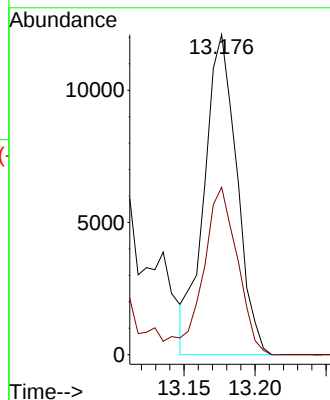
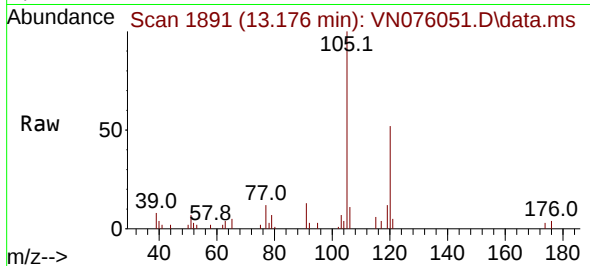




#80
1,3,5-Trimethylbenzene
Concen: 1.460 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

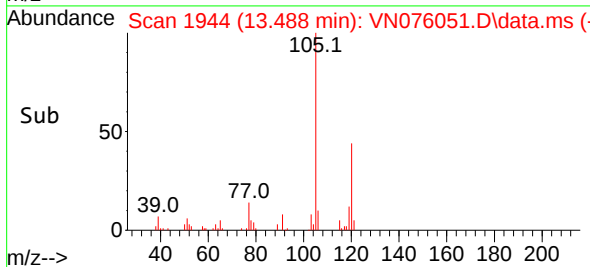
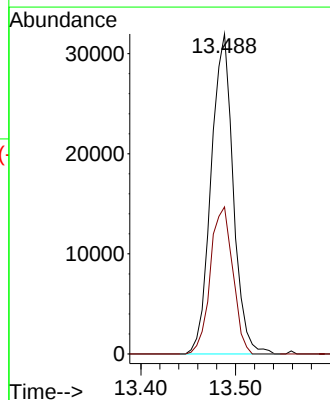
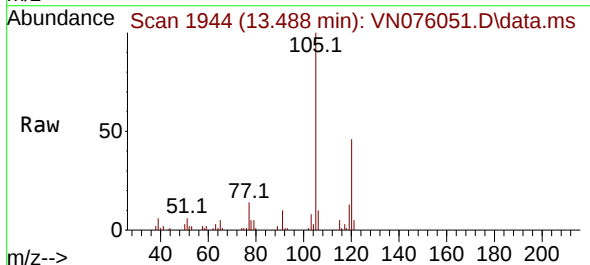
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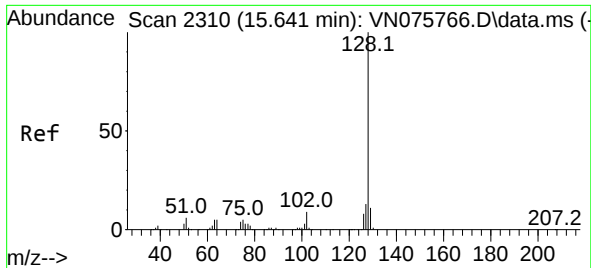
Tgt Ion:105 Resp: 19365
Ion Ratio Lower Upper
105 100
120 53.1 24.7 74.1



#84
1,2,4-Trimethylbenzene
Concen: 3.927 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076051.D
Acq: 29 Dec 2022 16:06

Tgt Ion:105 Resp: 51667
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#95

Naphthalene

Concen: 23.331 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076051.D

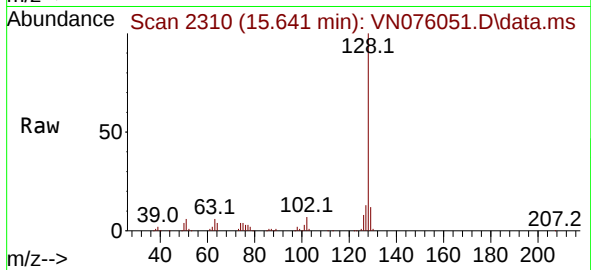
Acq: 29 Dec 2022 16:06

Instrument :

MSVOA_N

ClientSampleId :

SB-1DL



Tgt Ion:128 Resp: 263965

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.7 13.1

