

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076053.D
 Acq On : 29 Dec 2022 16:54
 Operator : JC\MD
 Sample : N6213-03DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3DL

Quant Time: Dec 30 05:35:24 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)

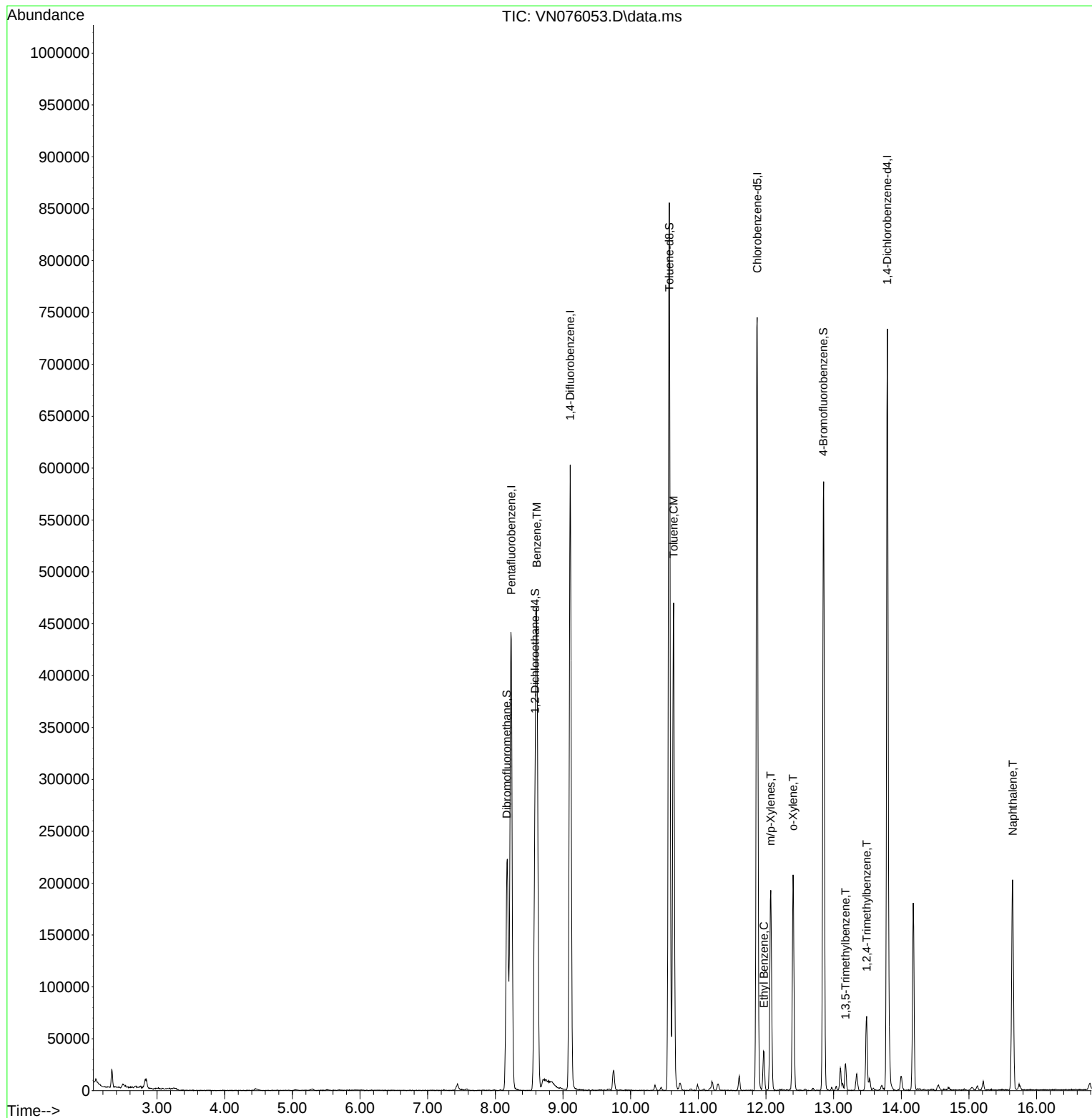
Internal Standards						
1) Pentafluorobenzene	8.235	168	347933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	474445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	174598	46.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.260%
35) Dibromofluoromethane	8.171	113	162301	47.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	10.570	98	617330	48.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.847	95	198797	47.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.340%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	451553	32.374	ug/l	100
52) Toluene	10.635	92	218726	24.078	ug/l	98
67) Ethyl Benzene	11.970	91	28242	1.718	ug/l	92
68) m/p-Xylenes	12.070	106	65008	9.994	ug/l	100
69) o-Xylene	12.400	106	58729	9.123	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	13257	1.044	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	42911	3.406	ug/l	99
95) Naphthalene	15.647	128	201899	19.078	ug/l	100

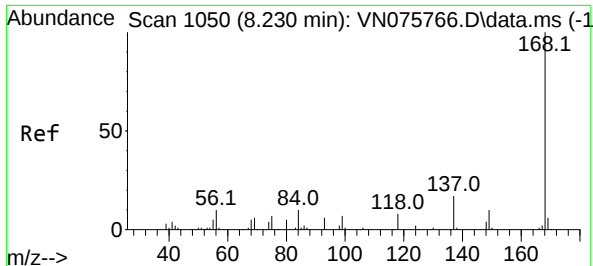
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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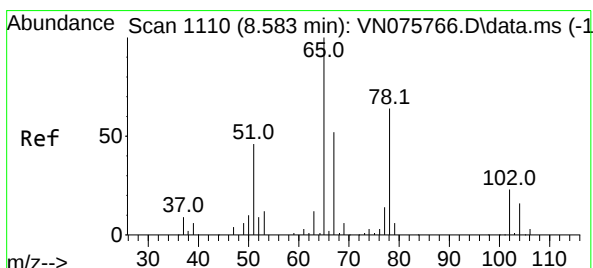
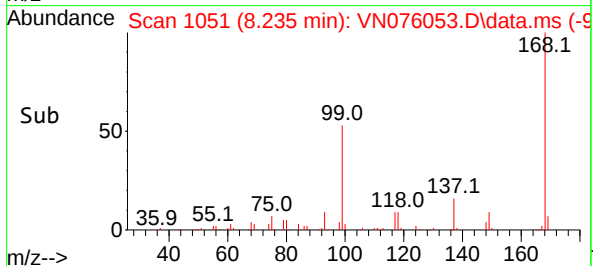
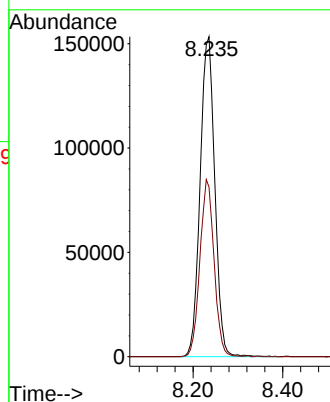
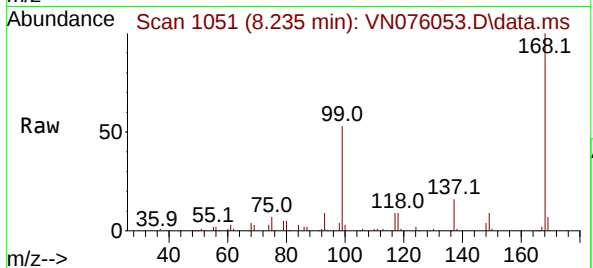




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

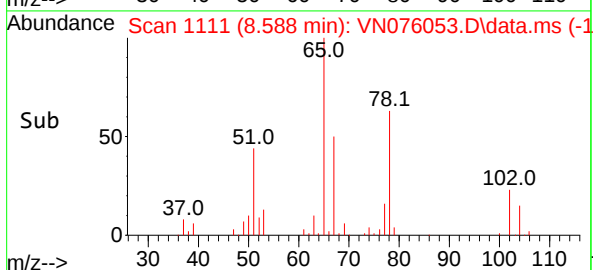
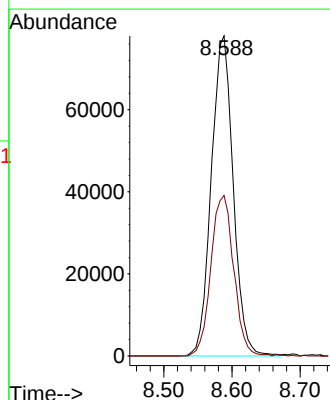
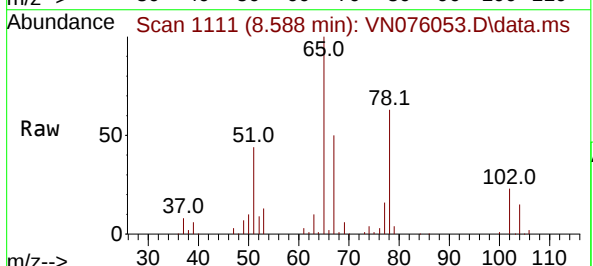
Instrument :
MSVOA_N
ClientSampleId :
SB-3DL

Tgt Ion:168 Resp: 347933
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.127 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Tgt Ion: 65 Resp: 174598
Ion Ratio Lower Upper
65 100
67 52.1 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: VN076053.D

Acq: 29 Dec 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

SB-3DL

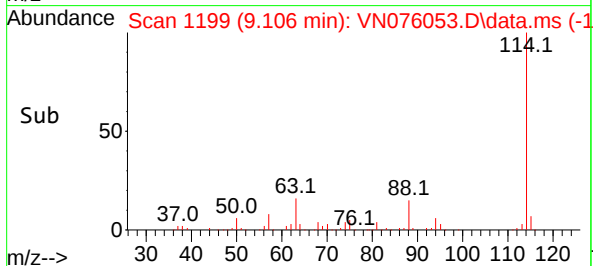
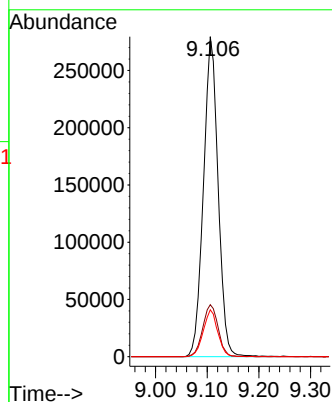
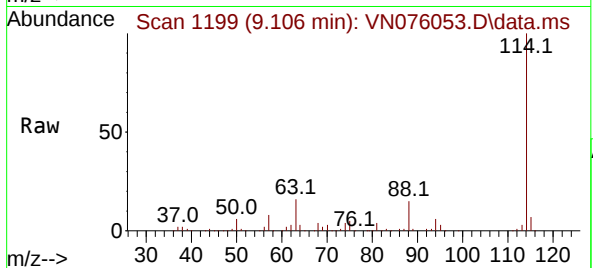
Tgt Ion:114 Resp: 549529

Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.691 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076053.D

Acq: 29 Dec 2022 16:54

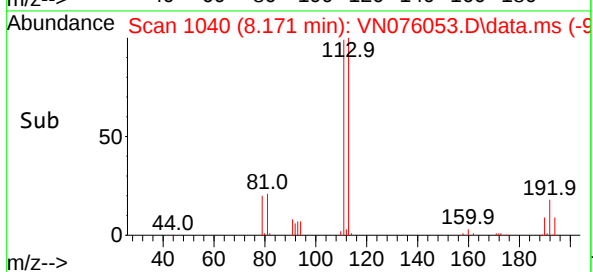
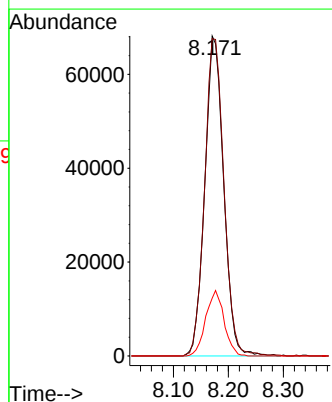
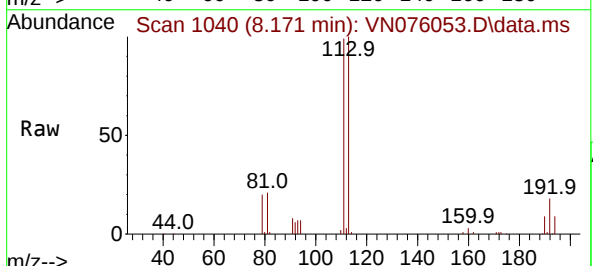
Tgt Ion:113 Resp: 162301

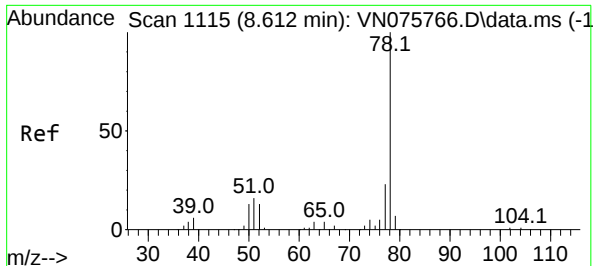
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.0 16.1 24.1

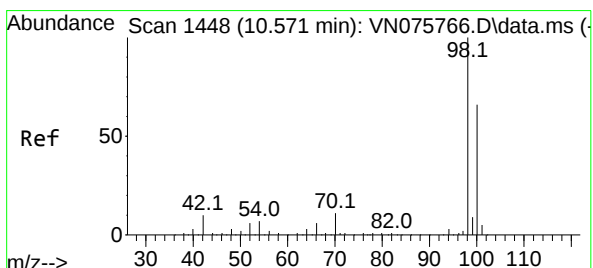
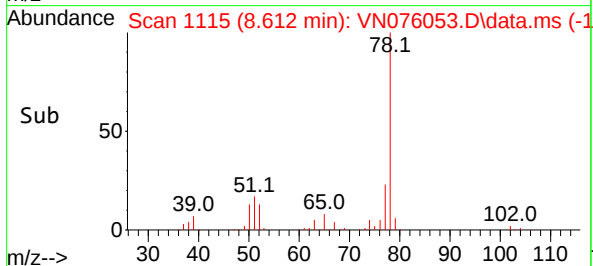
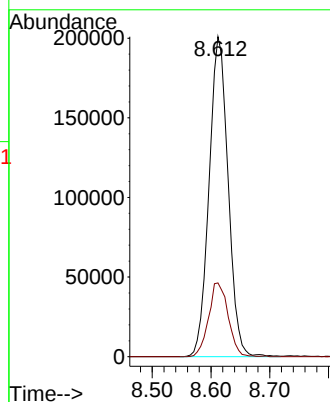
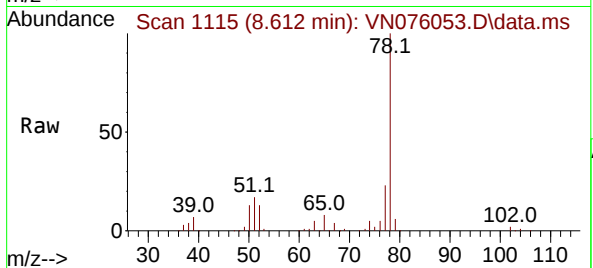




#40
Benzene
Concen: 32.374 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

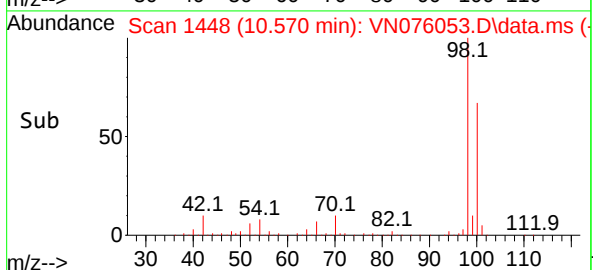
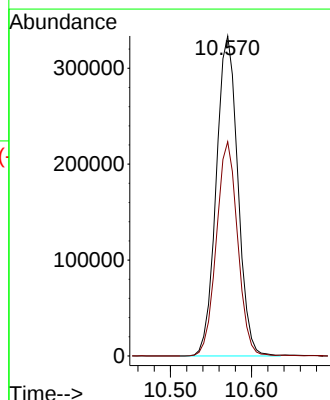
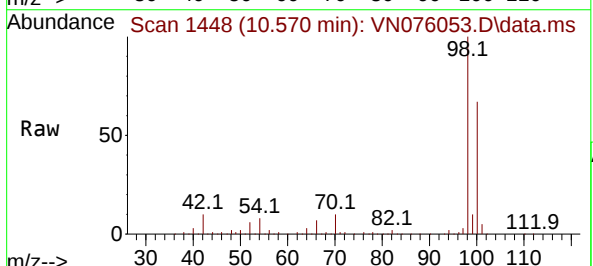
Instrument :
MSVOA_N
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SB-3DL

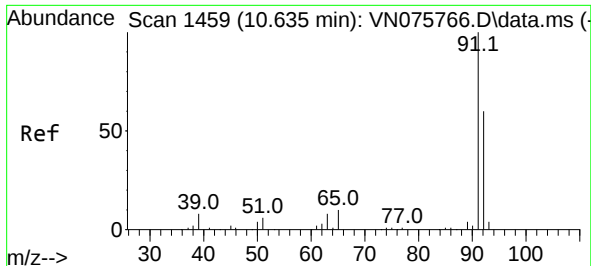
Tgt Ion: 78 Resp: 451553
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7



#50
Toluene-d8
Concen: 48.517 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Tgt Ion: 98 Resp: 617330
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

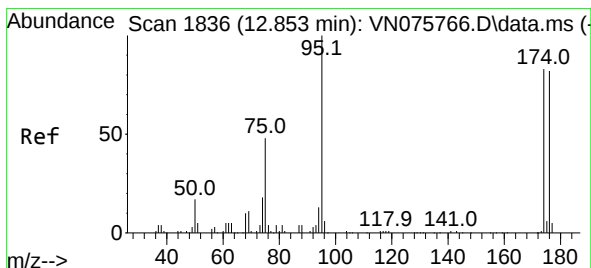
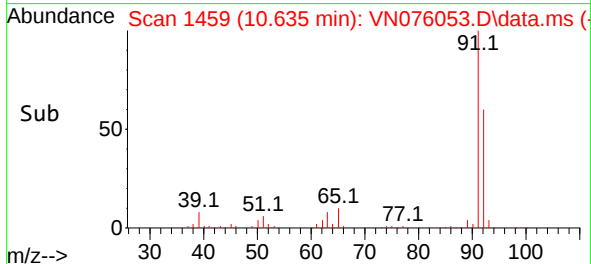
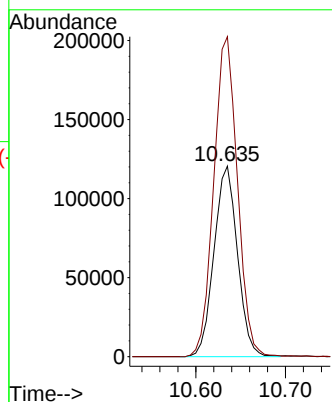
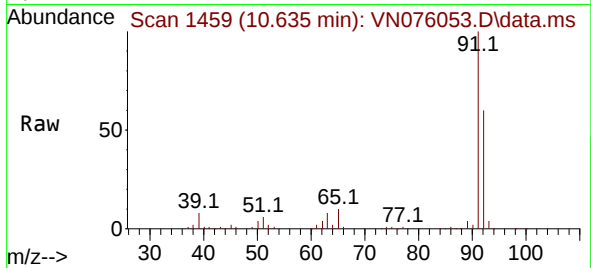




#52
Toluene
Concen: 24.078 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

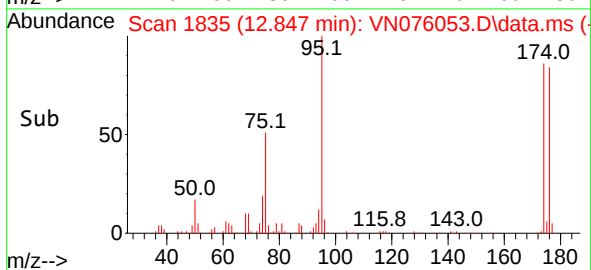
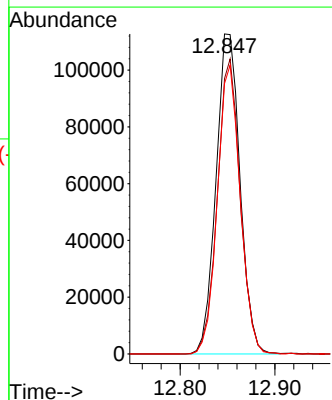
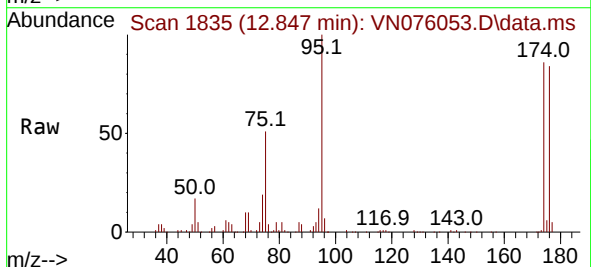
Instrument :
MSVOA_N
ClientSampleId :
SB-3DL

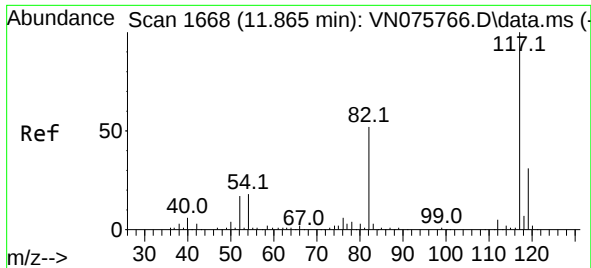
Tgt Ion: 92 Resp: 218726
Ion Ratio Lower Upper
92 100
91 169.4 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Tgt Ion: 95 Resp: 198797
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.6
176 85.6 0.0 169.2

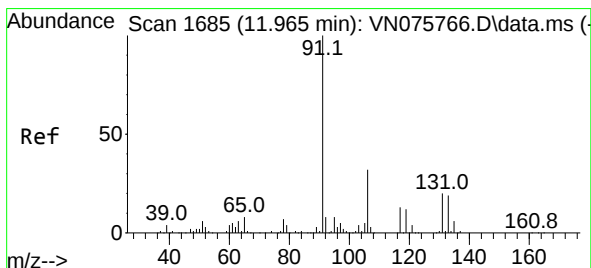
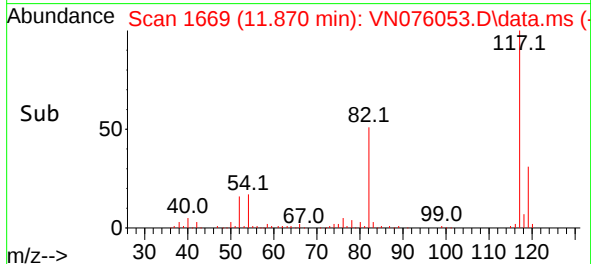
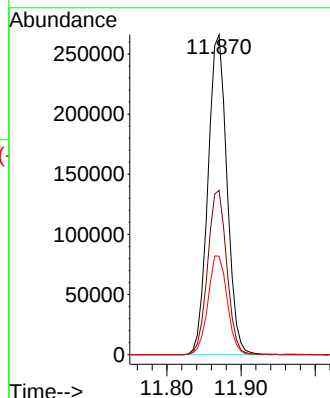
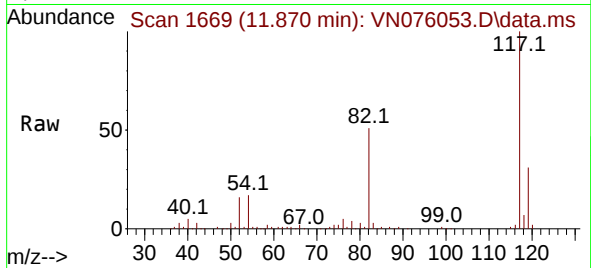




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

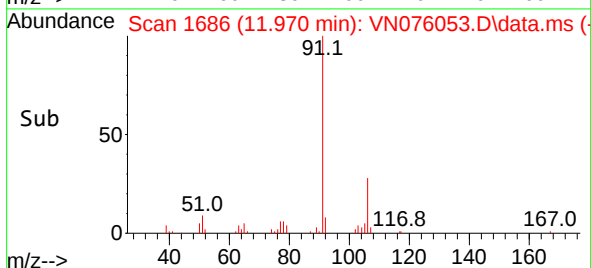
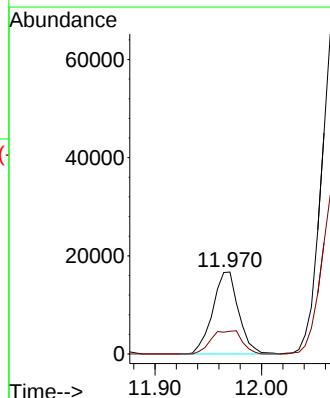
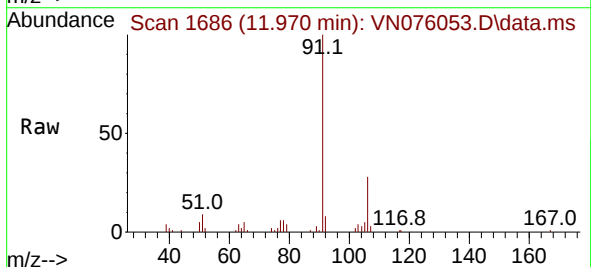
Instrument :
MSVOA_N
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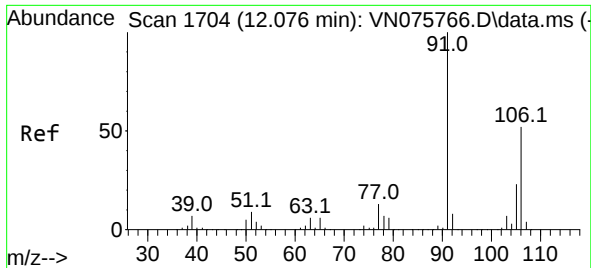
Tgt Ion:117 Resp: 474445
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 30.8 24.6 37.0



#67
Ethyl Benzene
Concen: 1.718 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Tgt Ion: 91 Resp: 28242
Ion Ratio Lower Upper
91 100
106 27.7 25.7 38.5

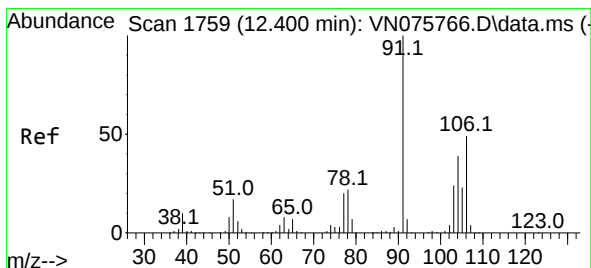
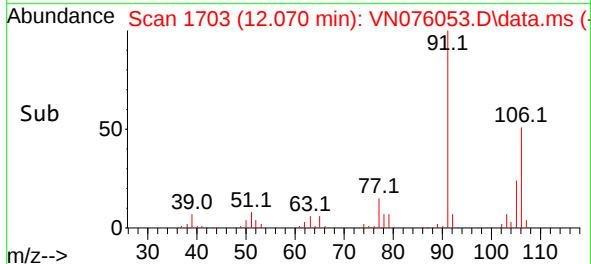
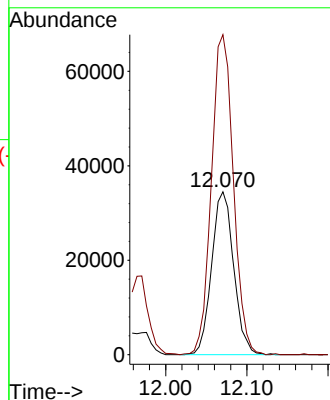
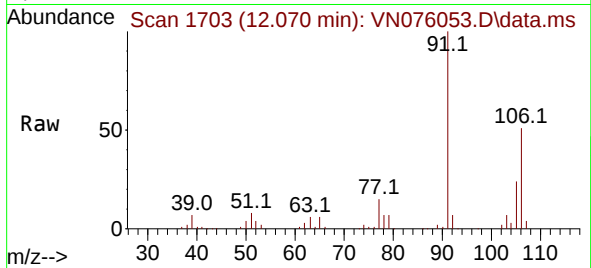




#68
m/p-Xylenes
Concen: 9.994 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

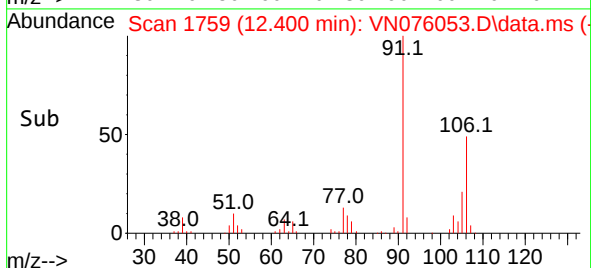
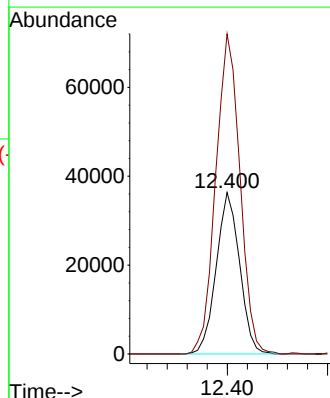
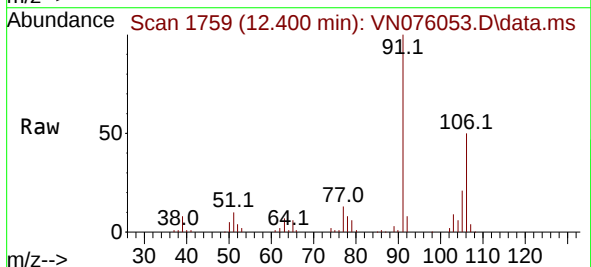
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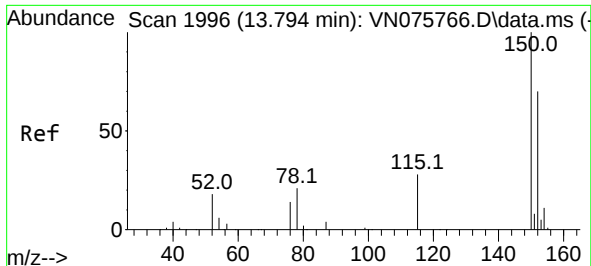
Tgt Ion:106 Resp: 65008
Ion Ratio Lower Upper
106 100
91 195.7 156.6 235.0



#69
o-Xylene
Concen: 9.123 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Tgt Ion:106 Resp: 58729
Ion Ratio Lower Upper
106 100
91 205.7 103.8 311.6

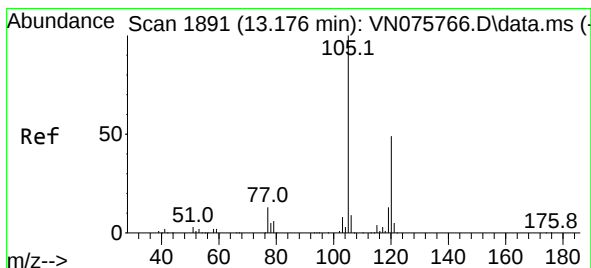
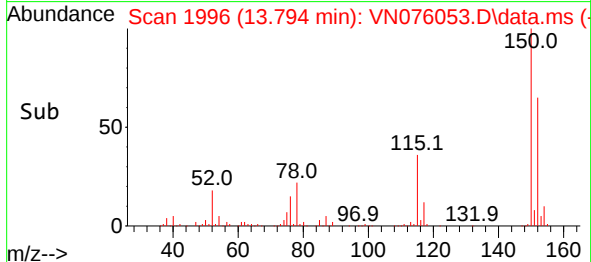
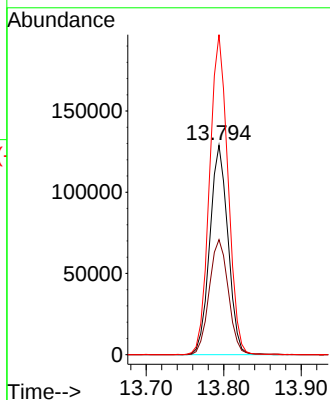
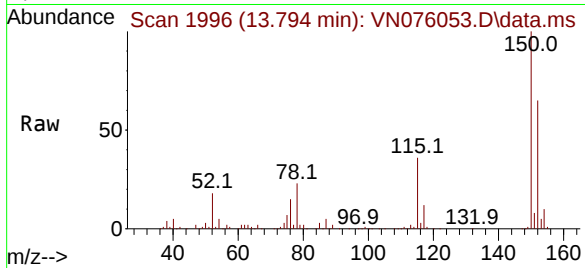




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076053.D
 Acq: 29 Dec 2022 16:54

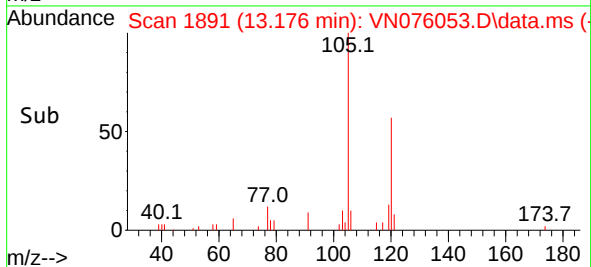
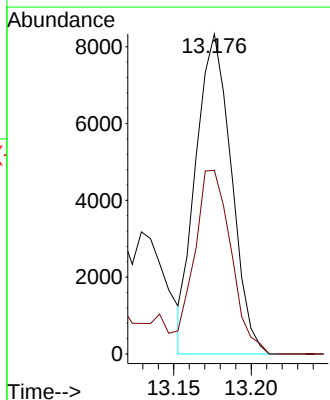
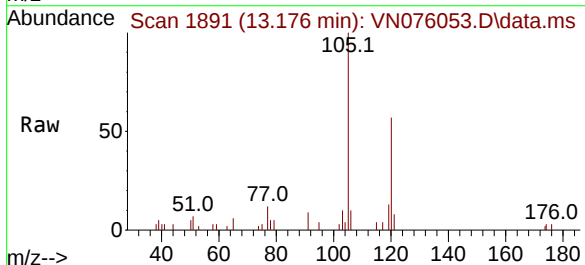
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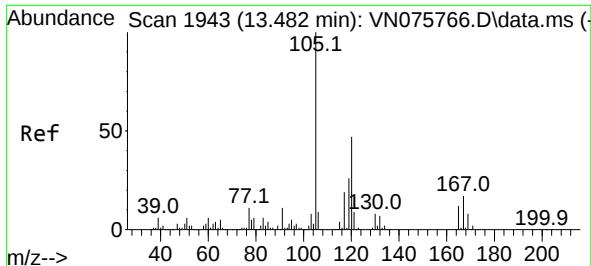
Tgt Ion:152 Resp: 209951
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.4
 150 154.6 0.0 347.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.044 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN076053.D
 Acq: 29 Dec 2022 16:54

Tgt Ion:105 Resp: 13257
 Ion Ratio Lower Upper
 105 100
 120 60.2 24.7 74.1

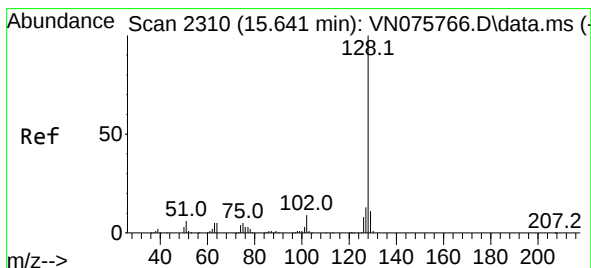
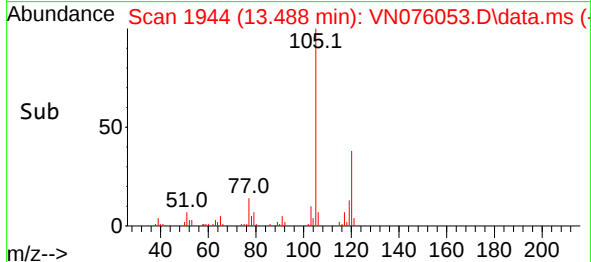
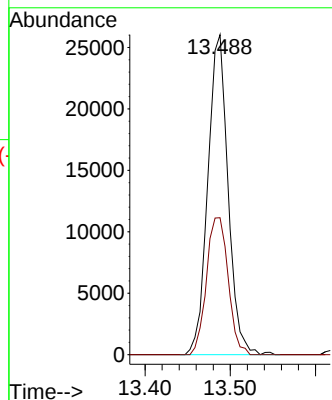
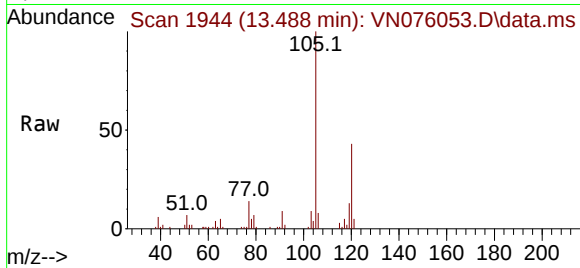




#84
1,2,4-Trimethylbenzene
Concen: 3.406 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
SB-3DL

Tgt Ion:105 Resp: 42911
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8



#95
Naphthalene
Concen: 19.078 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076053.D
Acq: 29 Dec 2022 16:54

Tgt Ion:128 Resp: 201899
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.7 13.1

