

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079491.D
 Acq On : 10 Oct 2023 14:24
 Operator : JC\MD
 Sample : 04813-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-15

Quant Time: Oct 11 06:18:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

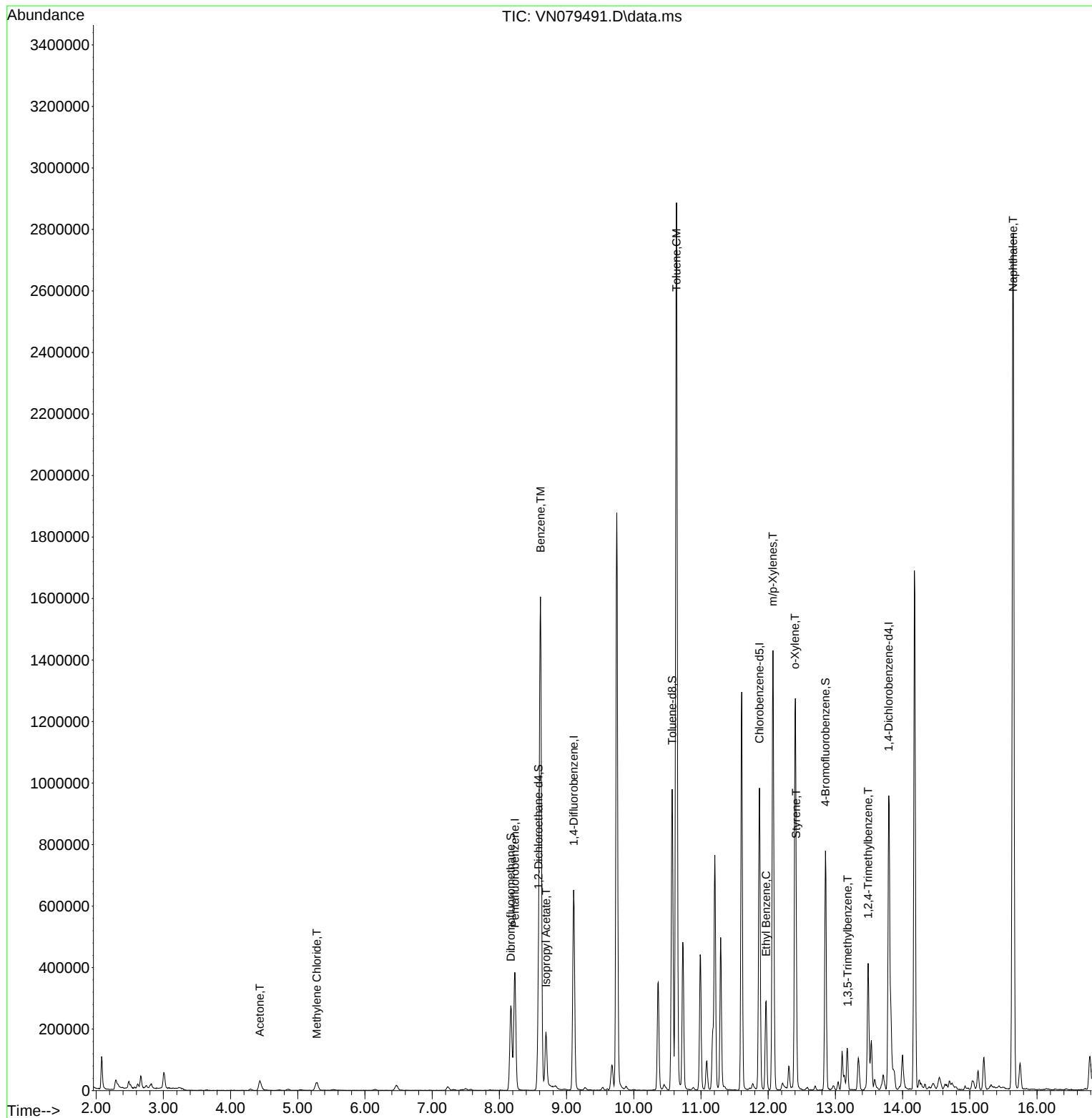
Internal Standards						
1) Pentafluorobenzene	8.230	168	265913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	224982	52.181	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.171	113	196703	50.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.571	98	666108	47.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.560%			
62) 4-Bromofluorobenzene	12.853	95	256064	56.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.280%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	58633	34.286	ug/l	93
20) Methylene Chloride	5.283	84	19448	4.647	ug/l #	82
40) Benzene	8.612	78	1551290	89.391	ug/l	99
43) Isopropyl Acetate	8.694	43	217208	21.323	ug/l #	78
52) Toluene	10.635	92	1223190	119.742	ug/l	98
67) Ethyl Benzene	11.971	91	201227	9.403	ug/l	96
68) m/p-Xylenes	12.070	106	425307	54.699	ug/l	93
69) o-Xylene	12.400	106	299578	39.177	ug/l	91
70) Styrene	12.418	104	141703	11.732	ug/l #	70
80) 1,3,5-Trimethylbenzene	13.182	105	72161	3.999	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	236893	13.755	ug/l	96
95) Naphthalene	15.647	128	2507890	305.440	ug/l	99

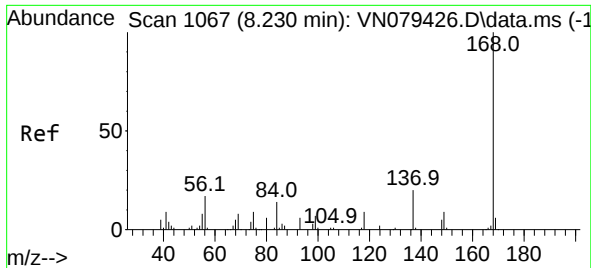
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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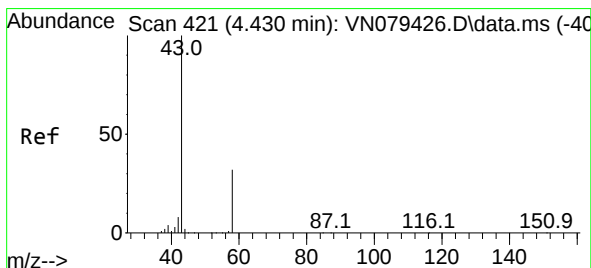
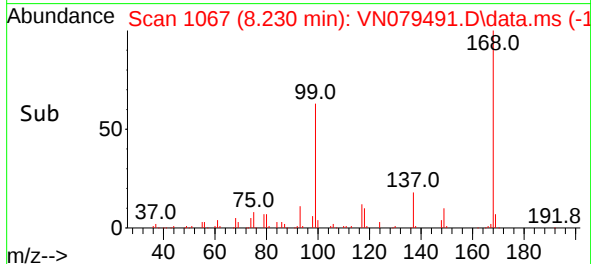
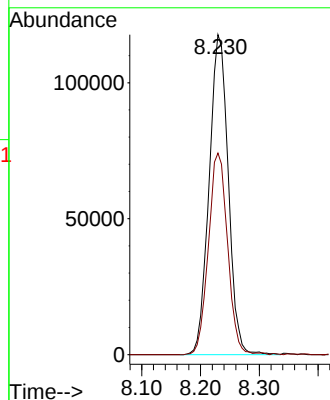
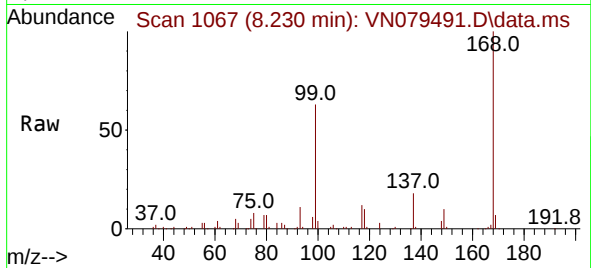




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

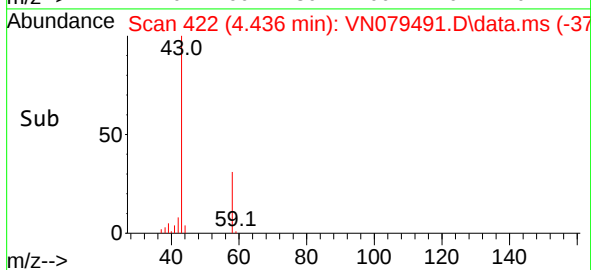
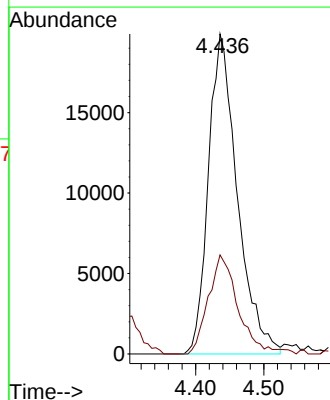
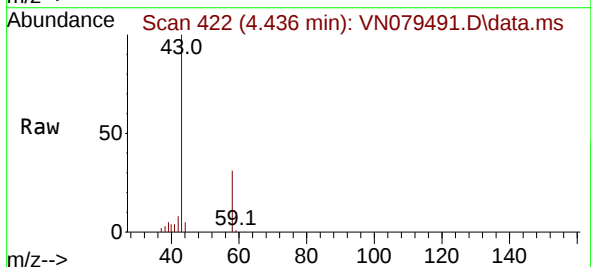
Instrument :
MSVOA_N
ClientSampleId :
SB-15

Tgt Ion:168 Resp: 265913
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 34.286 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 43 Resp: 58633
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

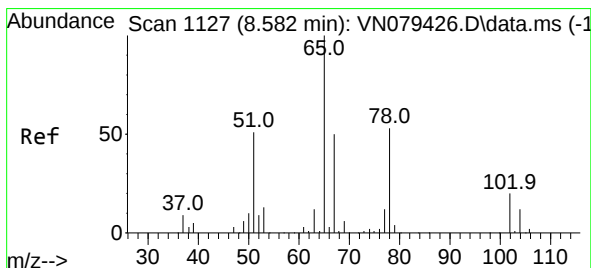
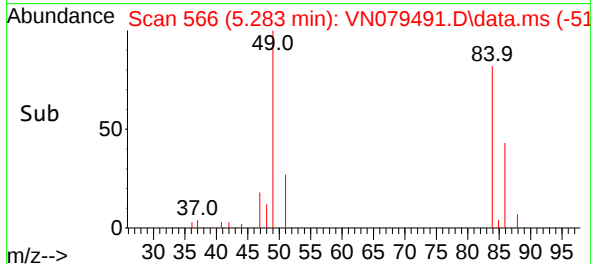
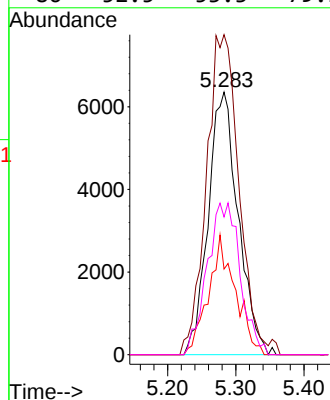
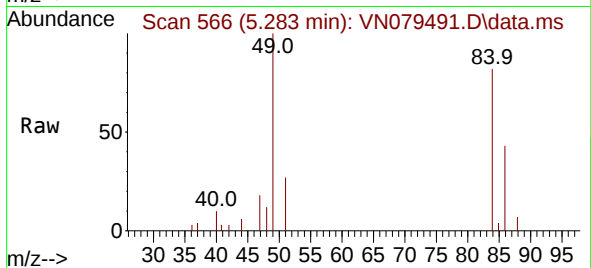




#20
Methylene Chloride
Concen: 4.647 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

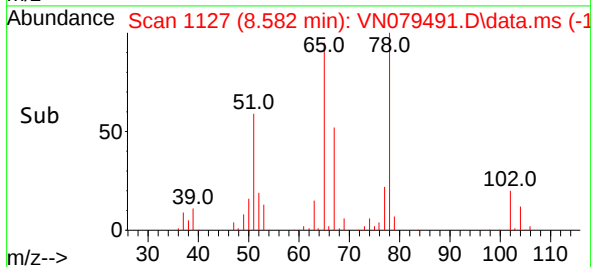
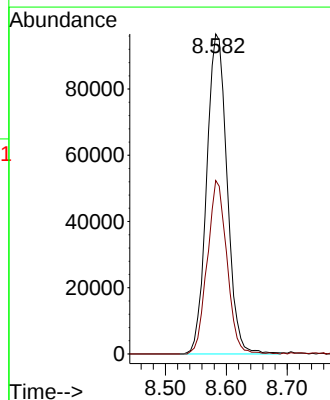
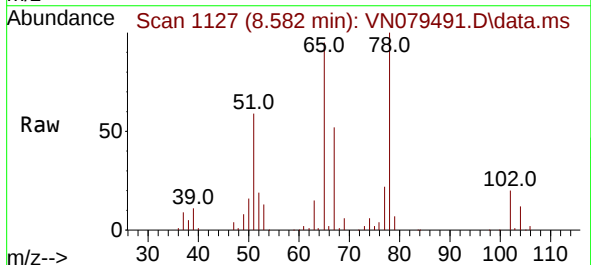
Instrument :
MSVOA_N
ClientSampleId :
SB-15

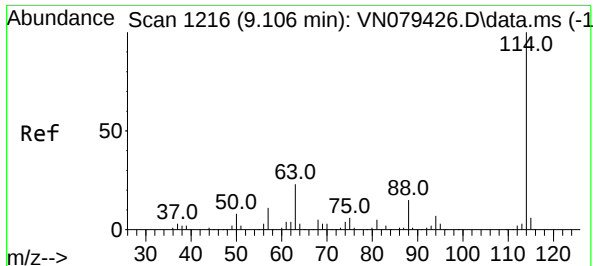
Tgt Ion:	84	Resp:	19448
Ion	Ratio	Lower	Upper
84	100		
49	121.9	79.7	119.5#
51	32.6	25.2	37.8
86	52.5	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 52.181 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion:	65	Resp:	224982
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

SB-15

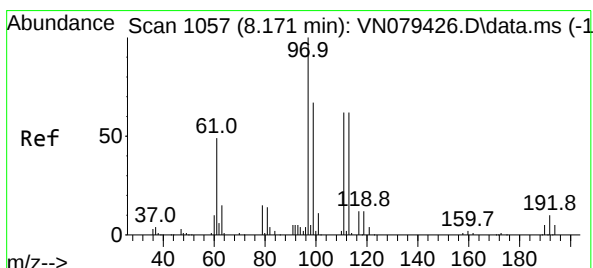
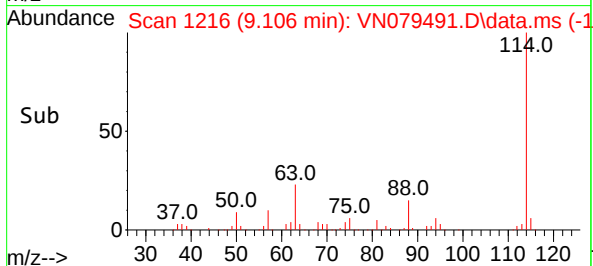
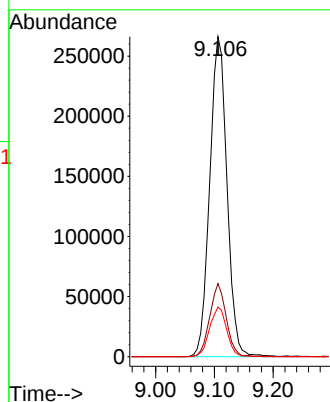
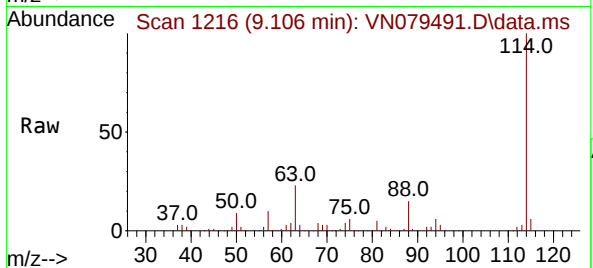
Tgt Ion:114 Resp: 541776

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.522 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

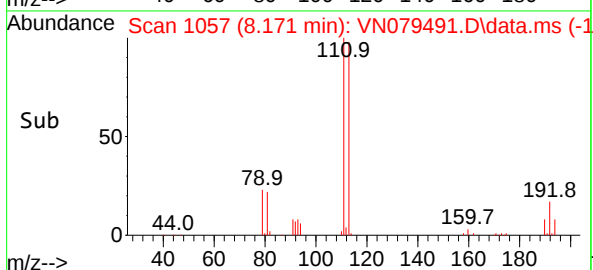
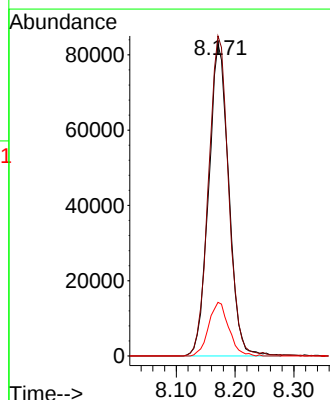
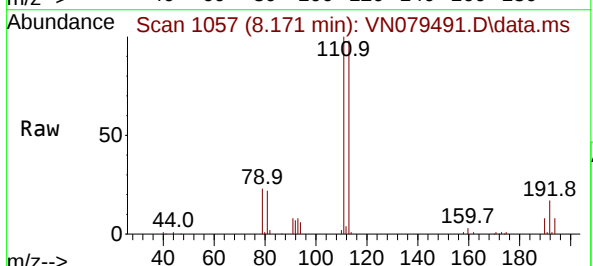
Tgt Ion:113 Resp: 196703

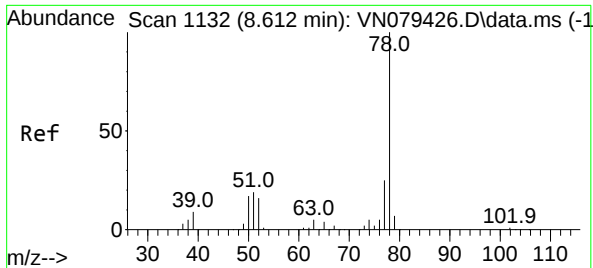
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.1 12.7 19.1

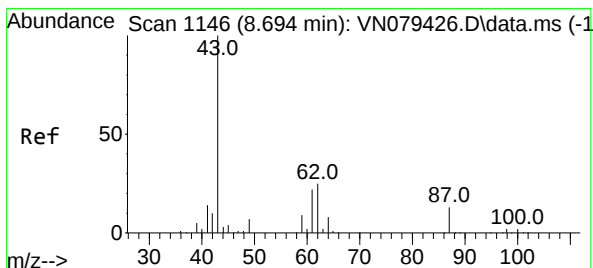
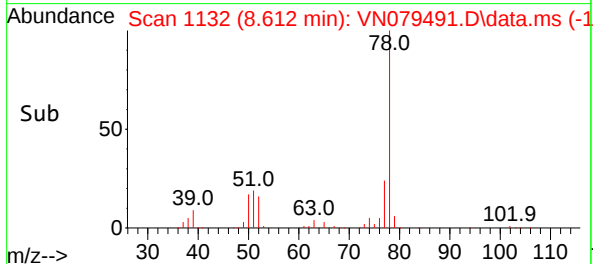
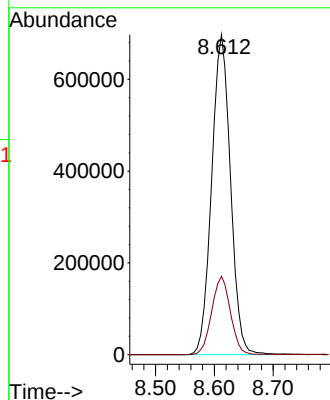
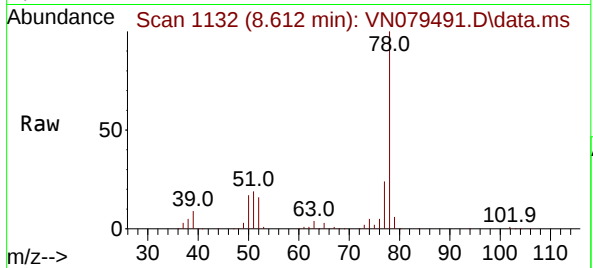




#40
Benzene
Concen: 89.391 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

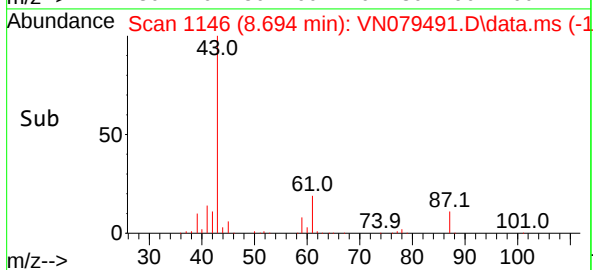
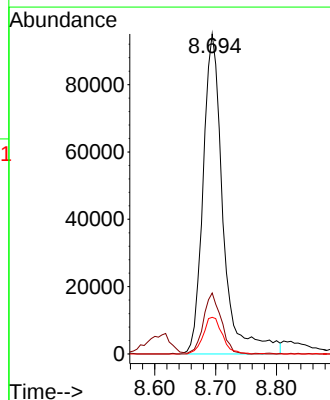
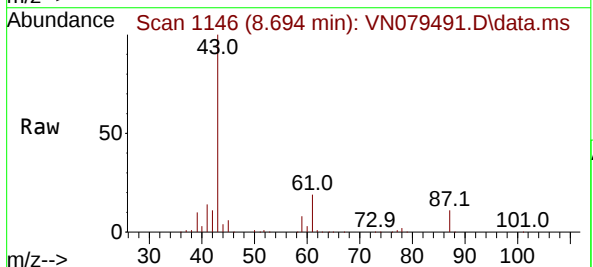
Instrument :
MSVOA_N
ClientSampleId :
SB-15

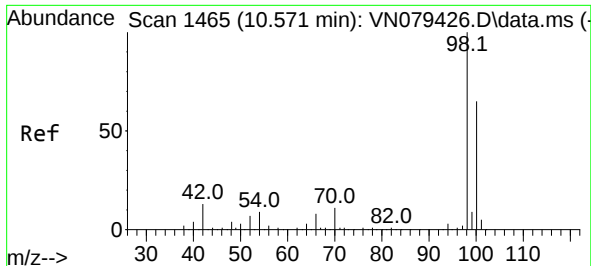
Tgt Ion: 78 Resp: 1551290
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6



#43
Isopropyl Acetate
Concen: 21.323 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 43 Resp: 217208
Ion Ratio Lower Upper
43 100
61 16.8 24.7 37.1#
87 10.9 14.6 21.8#





#50

Toluene-d8

Concen: 47.284 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

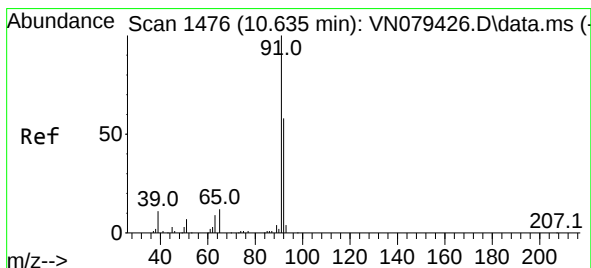
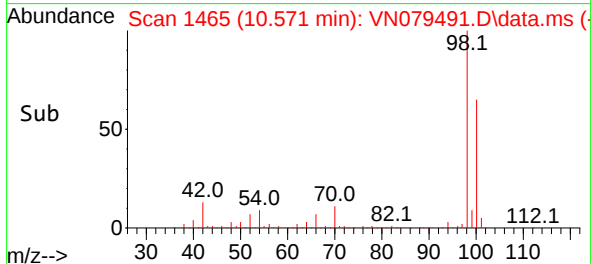
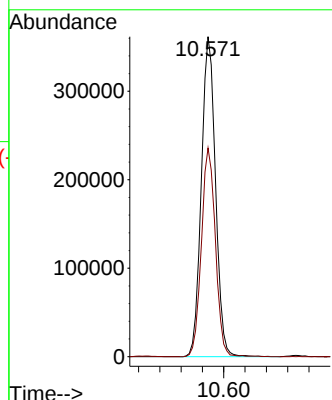
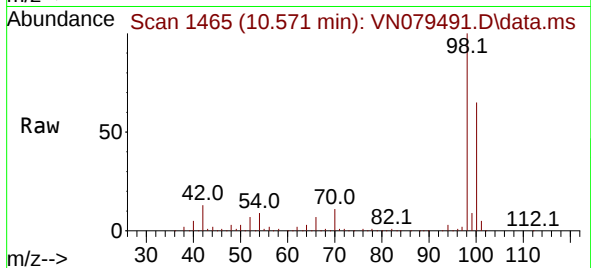
SB-15

Tgt Ion: 98 Resp: 666108

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#52

Toluene

Concen: 119.742 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079491.D

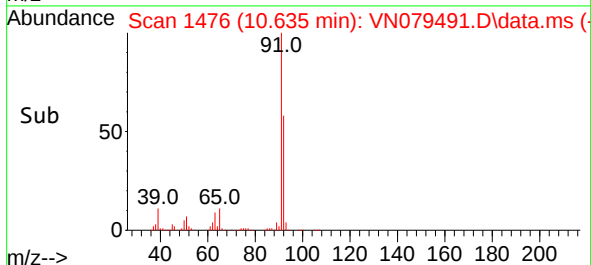
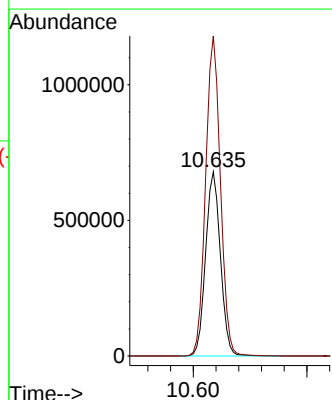
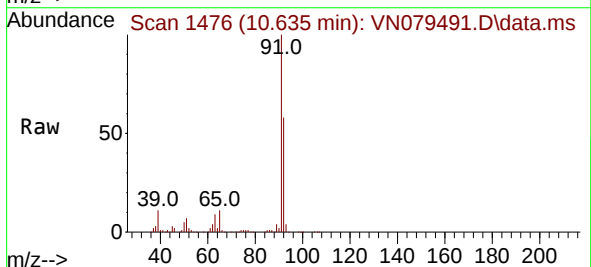
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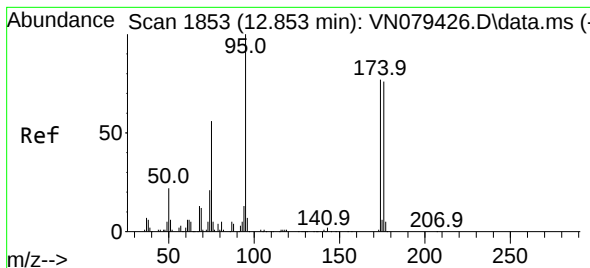
Tgt Ion: 92 Resp: 1223190

Ion Ratio Lower Upper

92 100

91 174.0 137.4 206.0

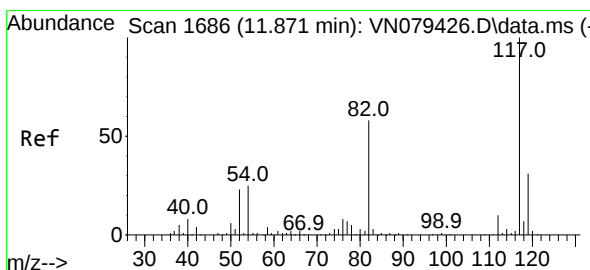
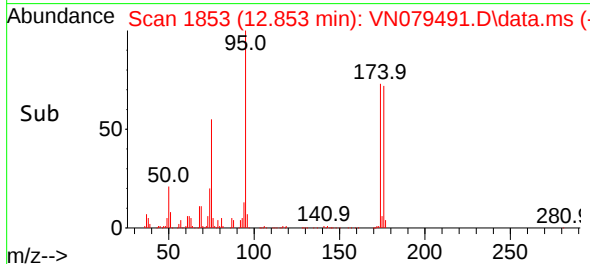
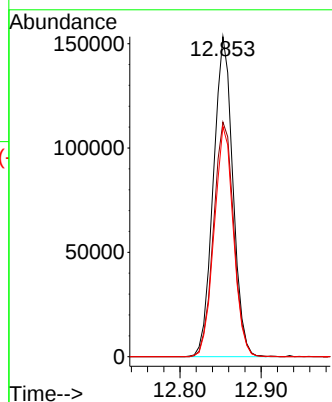
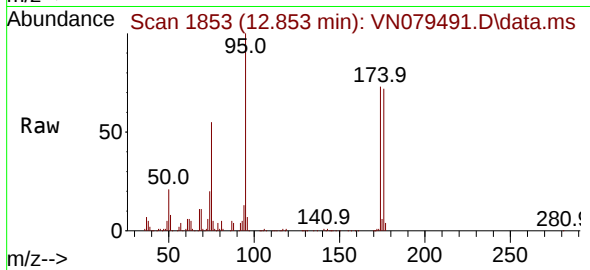




#62
4-Bromofluorobenzene
Concen: 56.639 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

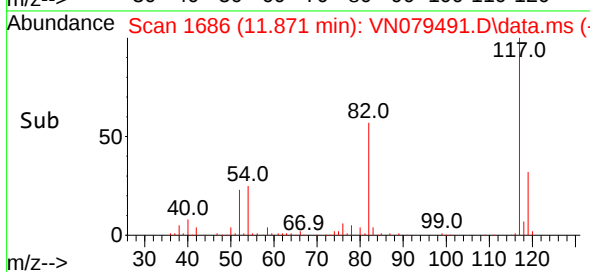
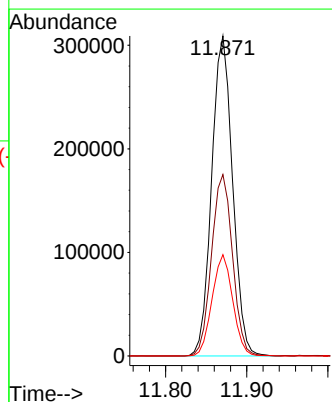
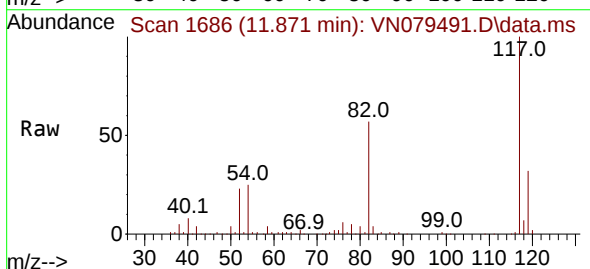
Instrument :
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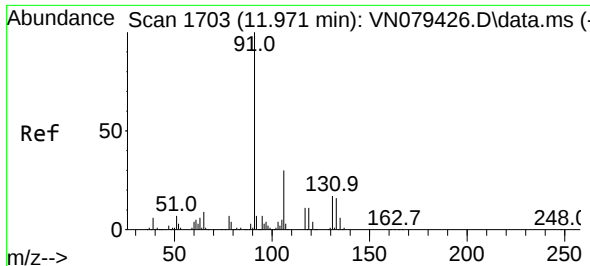
Tgt Ion: 95 Resp: 256064
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 117 Resp: 552848
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.6 25.6 38.4





#67

Ethyl Benzene

Concen: 9.403 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

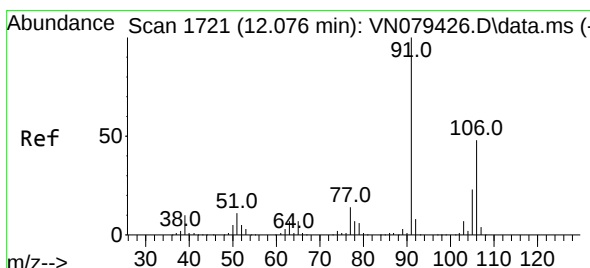
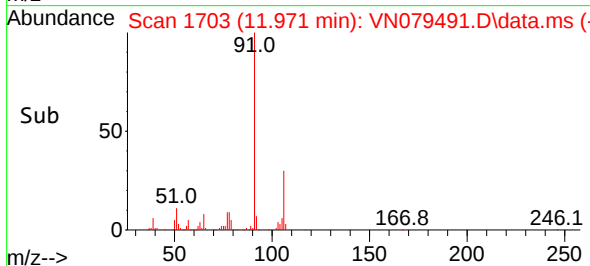
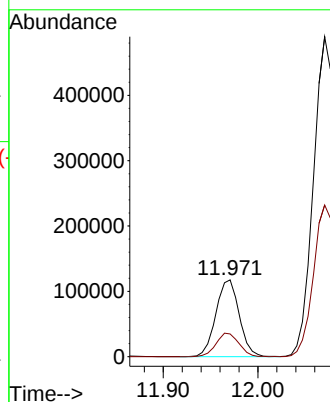
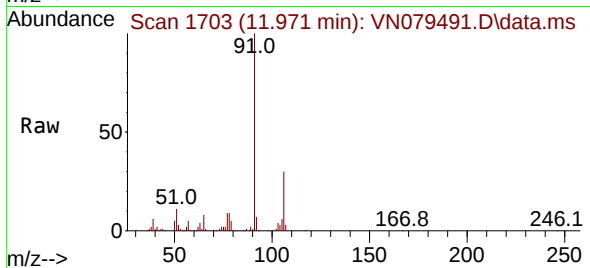
SB-15

Tgt Ion: 91 Resp: 201227

Ion Ratio Lower Upper

91 100

106 29.7 25.6 38.4



#68

m/p-Xylenes

Concen: 54.699 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VN079491.D

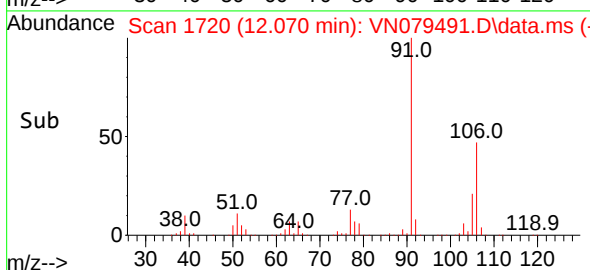
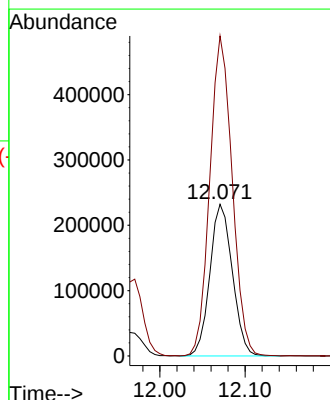
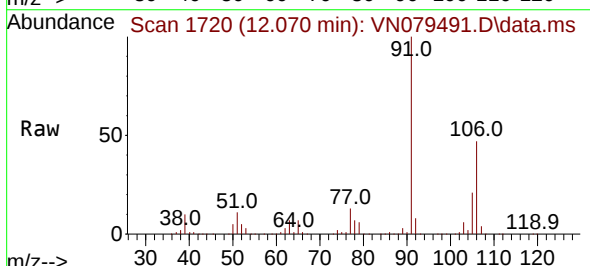
Acq: 10 Oct 2023 14:24

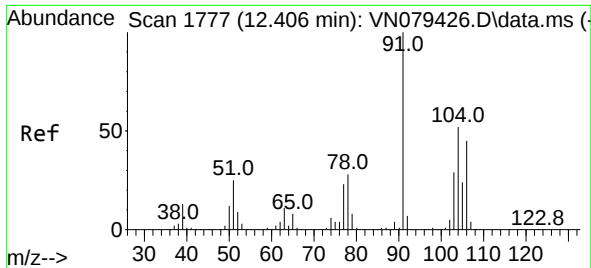
Tgt Ion:106 Resp: 425307

Ion Ratio Lower Upper

106 100

91 210.0 159.6 239.4

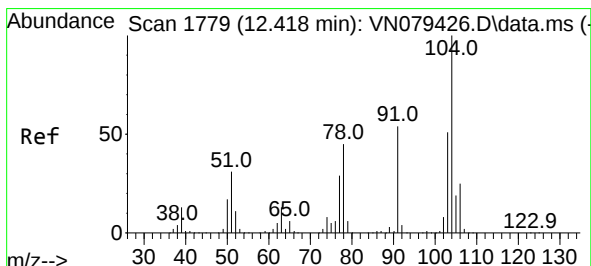
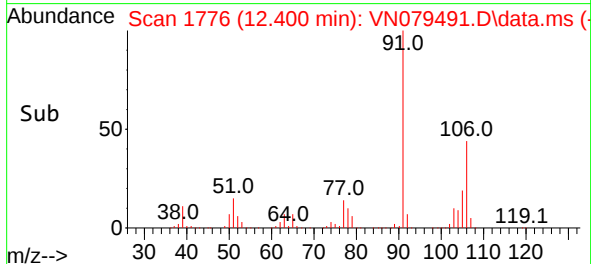
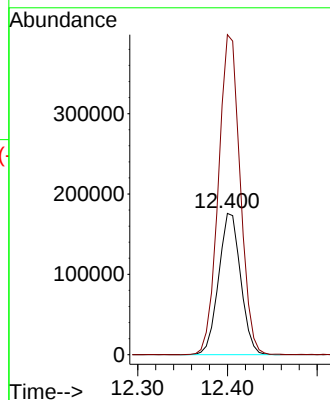
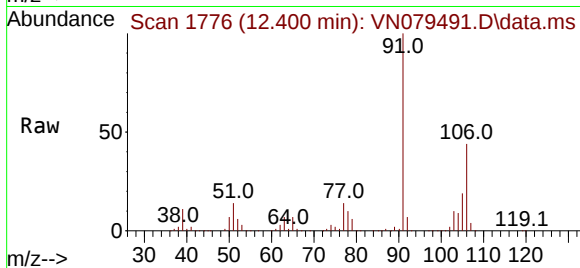




#69
o-Xylene
Concen: 39.177 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

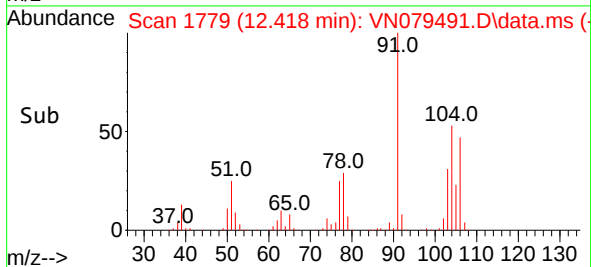
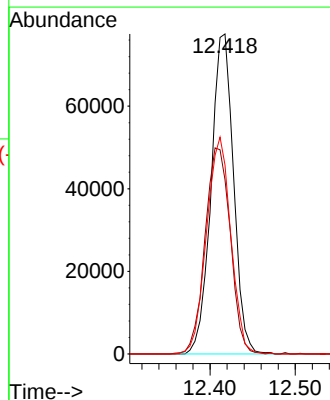
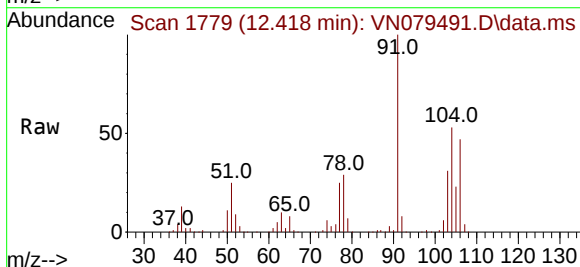
Instrument :
MSVOA_N
ClientSampleId :
SB-15

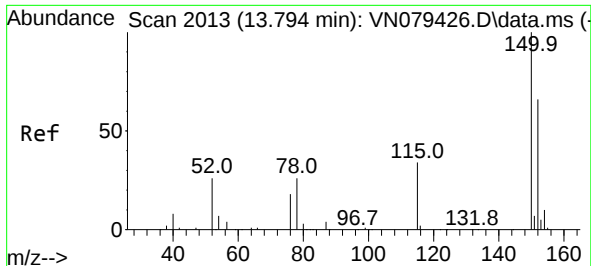
Tgt Ion:106 Resp: 299578
Ion Ratio Lower Upper
106 100
91 224.0 105.2 315.5



#70
Styrene
Concen: 11.732 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion:104 Resp: 141703
Ion Ratio Lower Upper
104 100
78 72.7 39.5 59.3#
103 73.3 43.2 64.8#

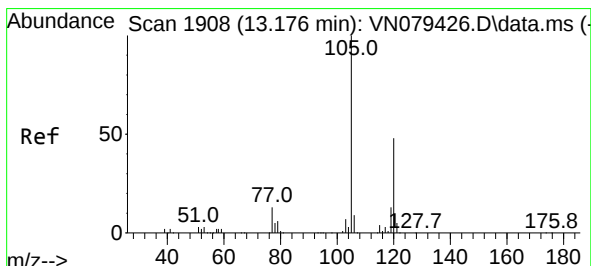
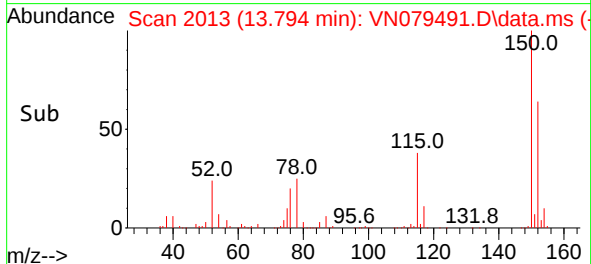
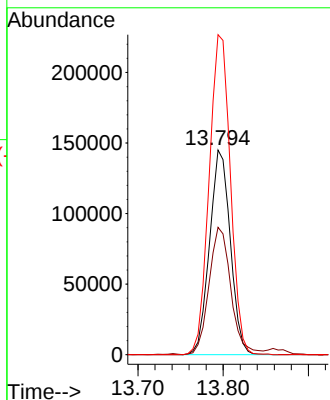
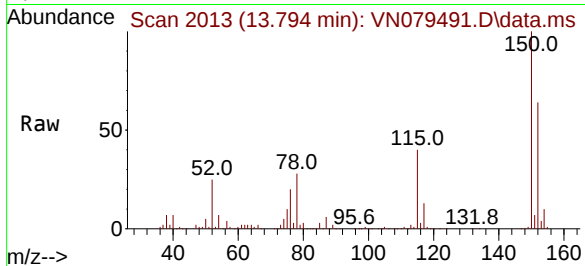




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

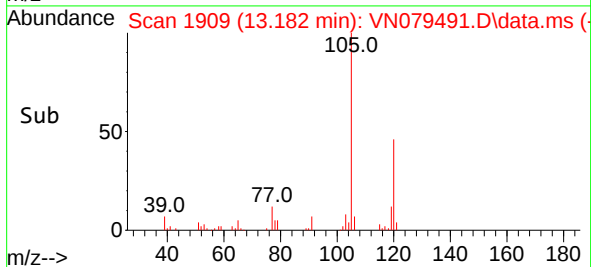
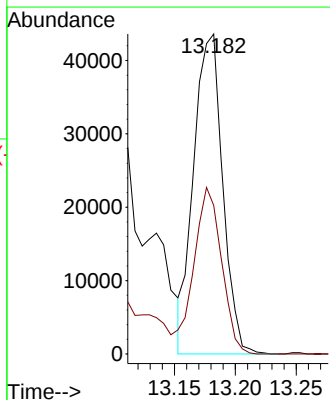
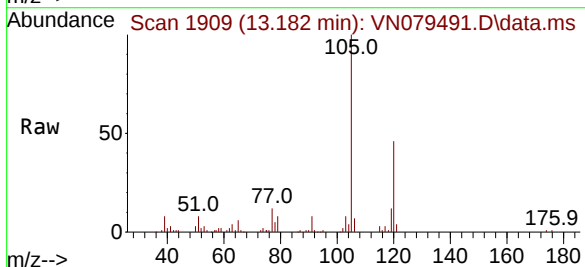
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-15

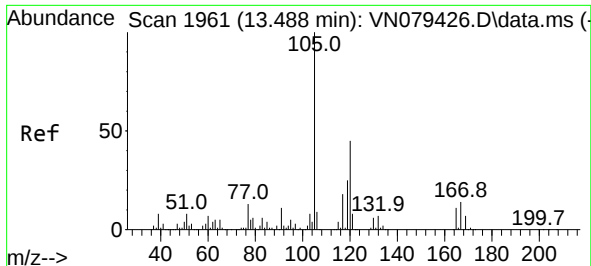
Tgt Ion:152 Resp: 245996
 Ion Ratio Lower Upper
 152 100
 115 65.8 32.3 96.8
 150 159.8 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 3.999 ug/l
 RT: 13.182 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

Tgt Ion:105 Resp: 72161
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.1 72.3

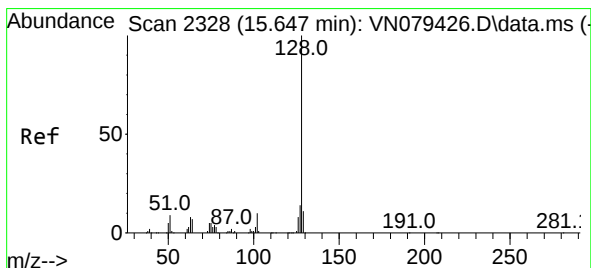
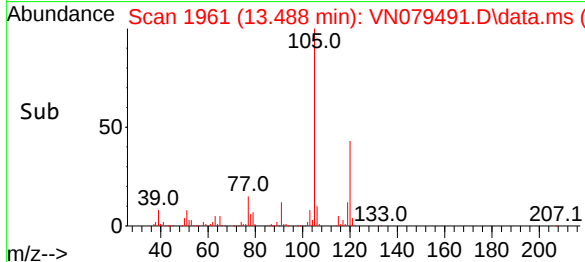
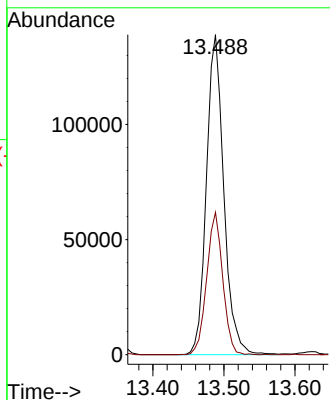
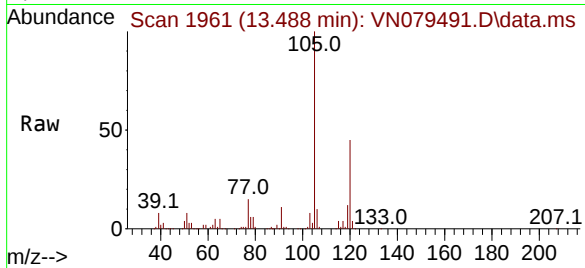




#84
1,2,4-Trimethylbenzene
Concen: 13.755 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
SB-15

Tgt Ion:105 Resp: 236893
Ion Ratio Lower Upper
105 100
120 41.1 22.0 66.0



#95
Naphthalene
Concen: 305.440 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion:128 Resp: 2507890
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.0 8.7 13.1

