

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080116.D
 Acq On : 15 Nov 2023 17:29
 Operator : JC\MD
 Sample : 05417-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1117

Quant Time: Nov 15 21:56:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

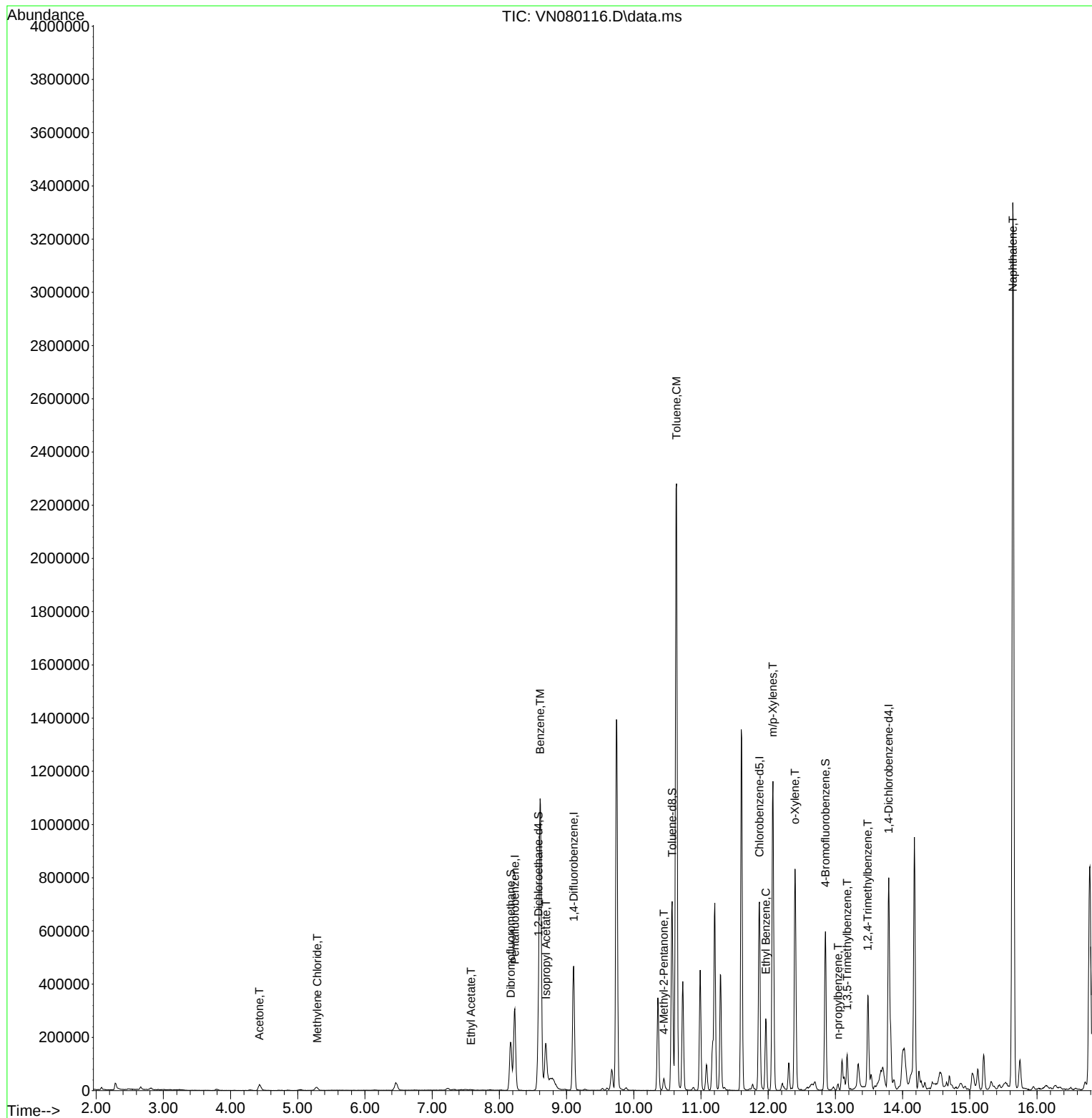
Internal Standards						
1) Pentafluorobenzene	8.230	168	205242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	407697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167123	53.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.900%
35) Dibromofluoromethane	8.171	113	129801	46.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	10.571	98	488505	47.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.853	95	208733	61.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.260%#
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	40992	37.321	ug/l	92
20) Methylene Chloride	5.289	84	10003	3.609	ug/l #	89
37) Ethyl Acetate	7.577	43	3898	1.073	ug/l #	79
40) Benzene	8.606	78	1126336	94.941	ug/l	99
43) Isopropyl Acetate	8.694	43	229900	36.088	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	32228	8.986	ug/l #	84
52) Toluene	10.635	92	1045150	148.602	ug/l	99
67) Ethyl Benzene	11.965	91	181339	11.769	ug/l	96
68) m/p-Xylenes	12.070	106	350034	60.984	ug/l	87
69) o-Xylene	12.400	106	211270	38.225	ug/l	88
78) n-propylbenzene	13.041	91	19321	1.087	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	72105	5.973	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	209211	17.615	ug/l	95
95) Naphthalene	15.641	128	3044340	283.013	ug/l	99

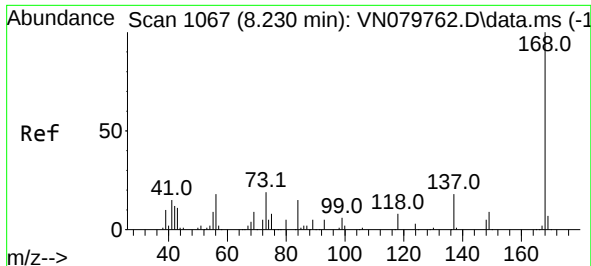
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

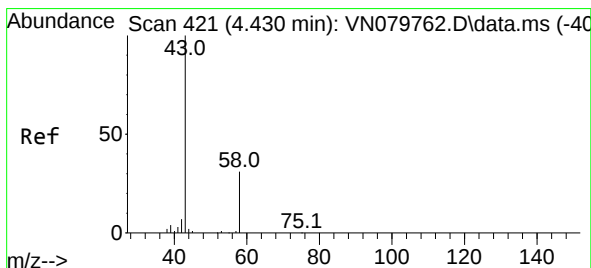
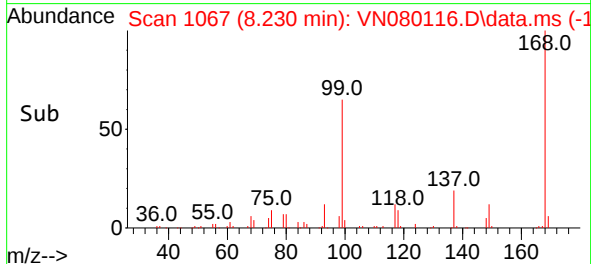
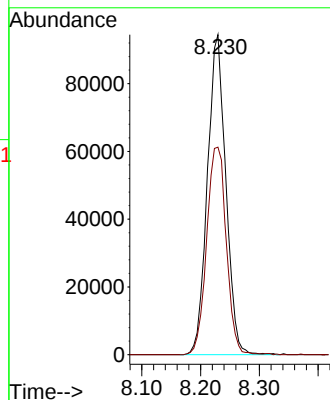
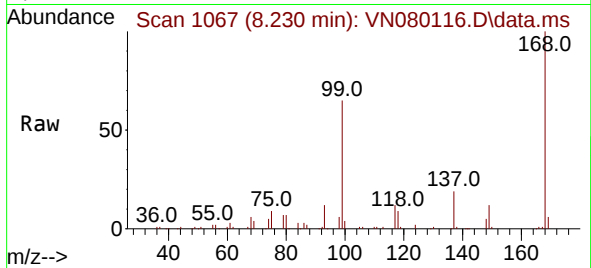




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

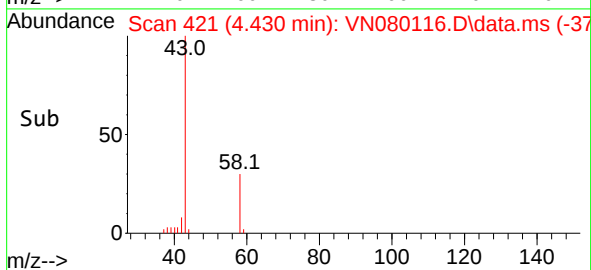
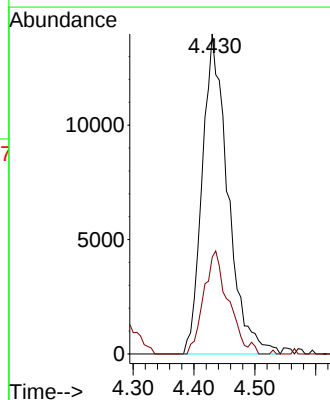
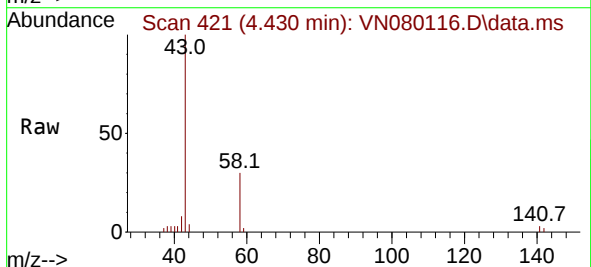
Instrument :
MSVOA_N
ClientSampleId :
1117

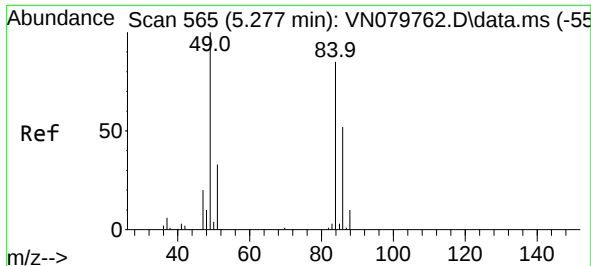
Tgt Ion:168 Resp: 205242
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#16
Acetone
Concen: 37.321 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 43 Resp: 40992
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

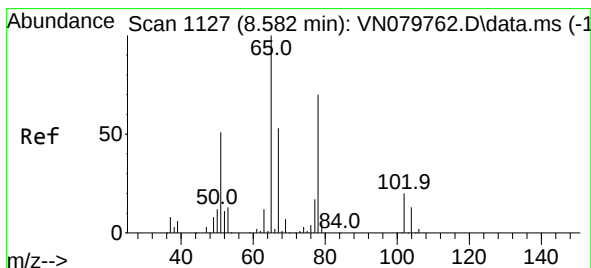
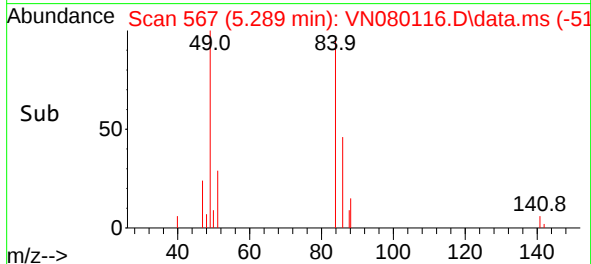
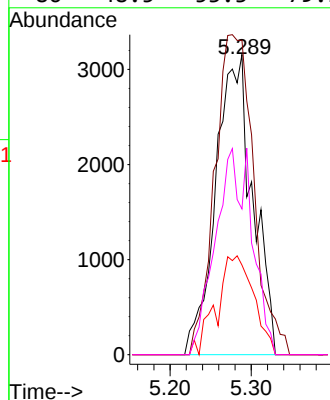
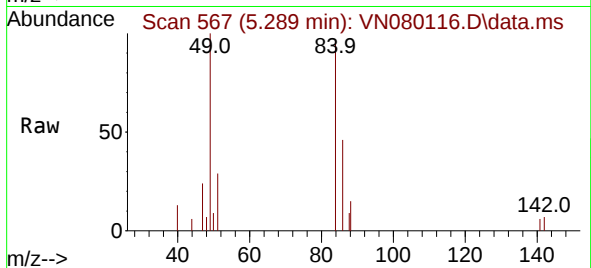




#20
Methylene Chloride
Concen: 3.609 ug/l
RT: 5.289 min Scan# 511
Delta R.T. 0.018 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

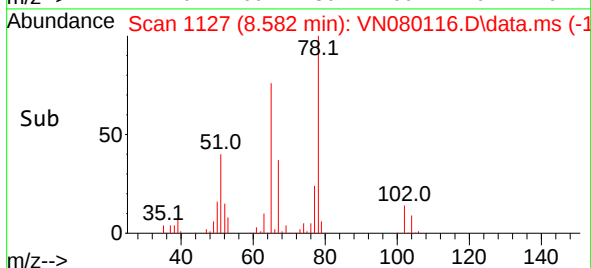
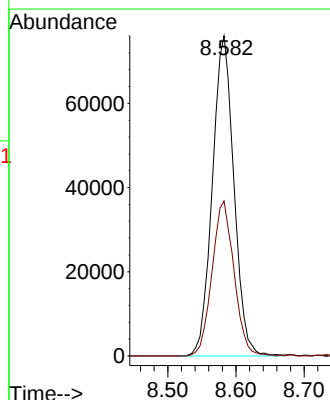
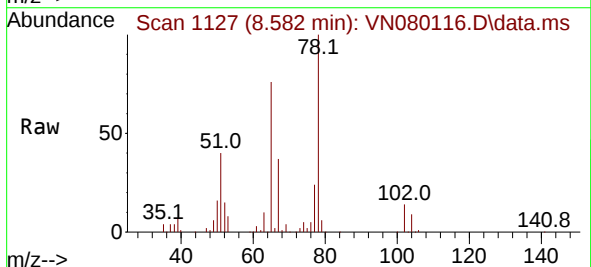
Instrument :
MSVOA_N
ClientSampleId :
1117

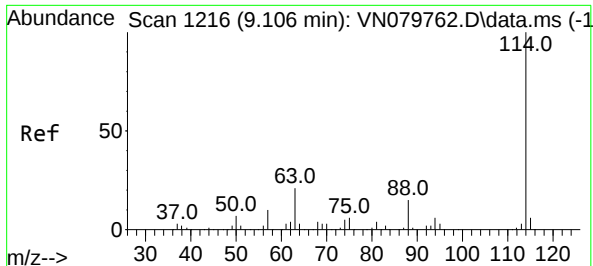
Tgt Ion: 84 Resp: 10003
Ion Ratio Lower Upper
84 100
49 104.7 79.7 119.5
51 29.9 25.2 37.8
86 48.5 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 53.446 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 65 Resp: 167123
Ion Ratio Lower Upper
65 100
67 49.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

1117

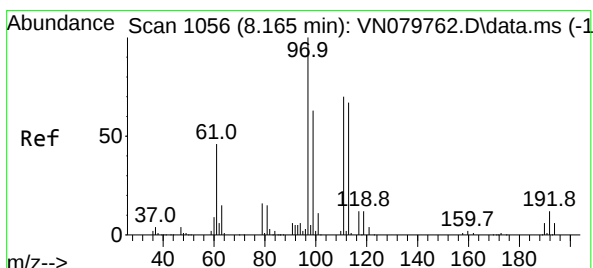
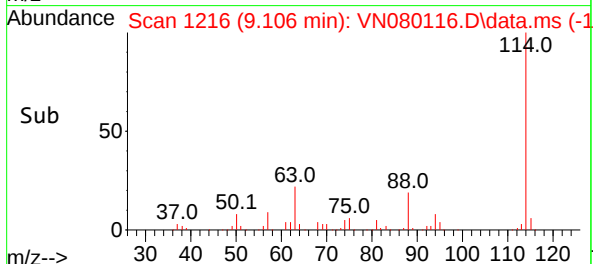
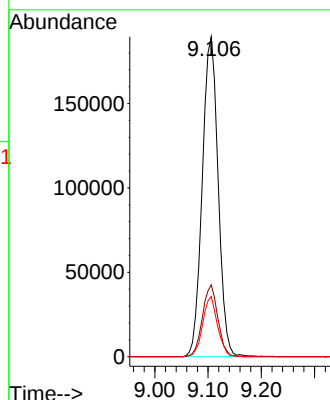
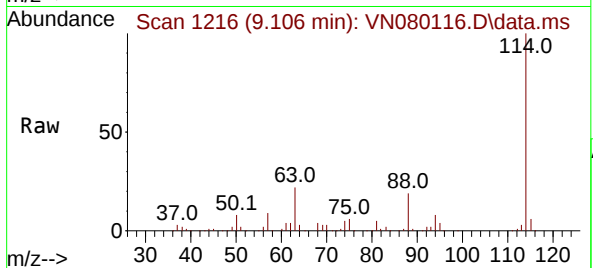
Tgt Ion:114 Resp: 391953

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 18.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.791 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

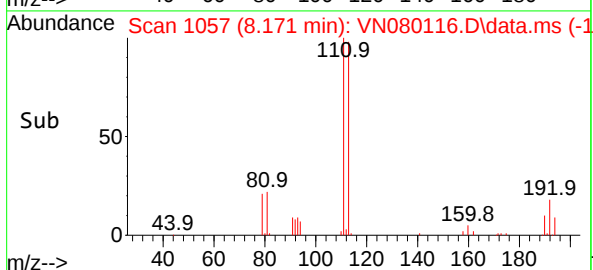
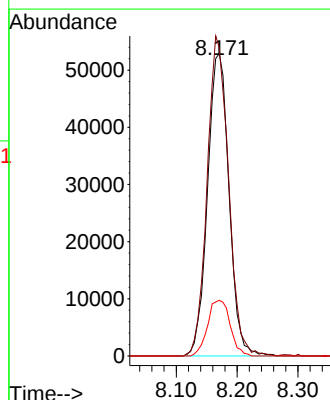
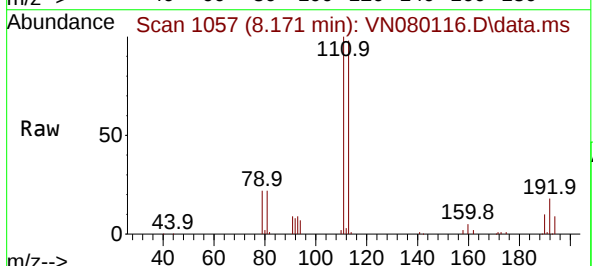
Tgt Ion:113 Resp: 129801

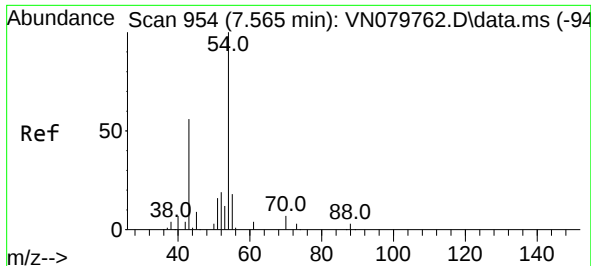
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 19.3 12.7 19.1#





#37

Ethyl Acetate

Concen: 1.073 ug/l

RT: 7.577 min Scan# 911

Delta R.T. 0.012 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

1117

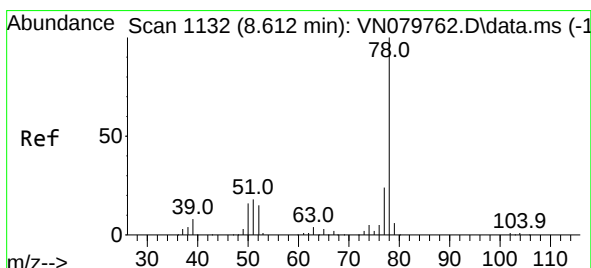
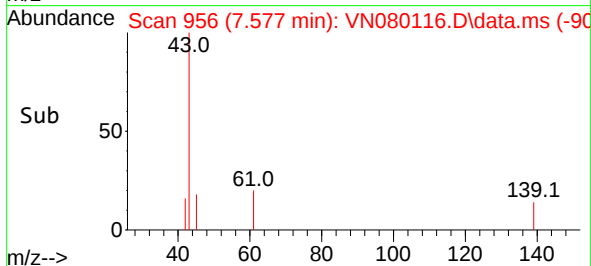
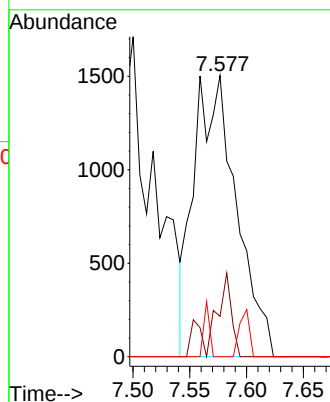
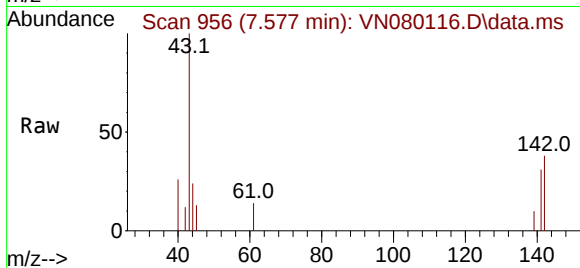
Tgt Ion: 43 Resp: 3898

Ion Ratio Lower Upper

43 100

61 9.7 13.2 19.8#

70 2.7 11.3 16.9#



#40

Benzene

Concen: 94.941 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080116.D

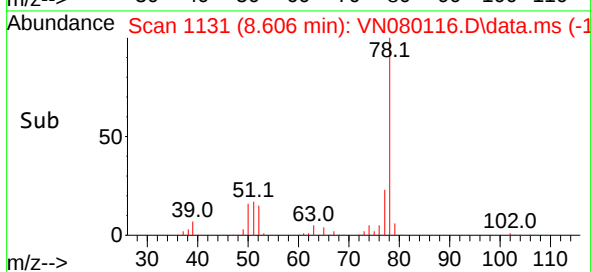
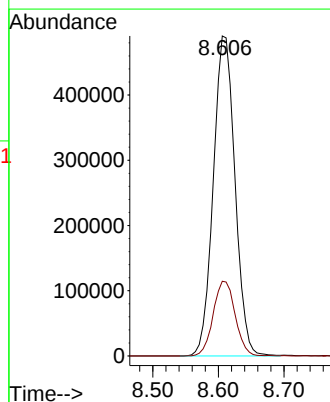
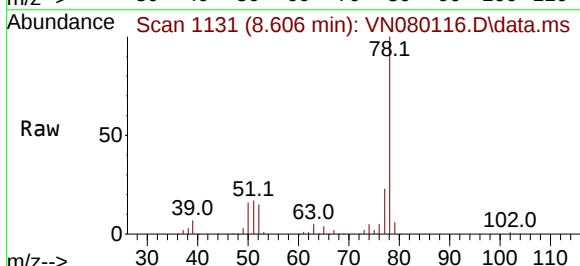
Acq: 15 Nov 2023 17:29

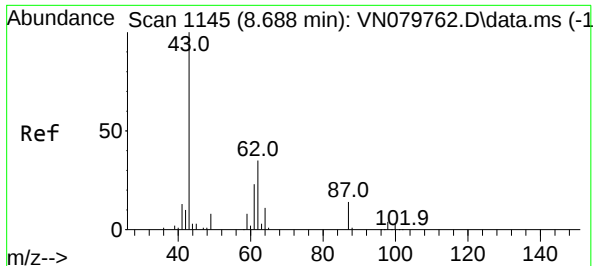
Tgt Ion: 78 Resp: 1126336

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

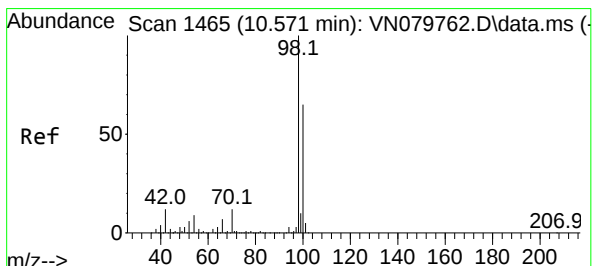
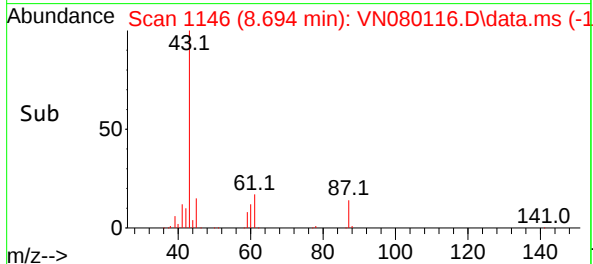
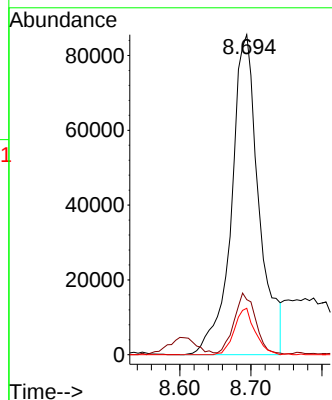
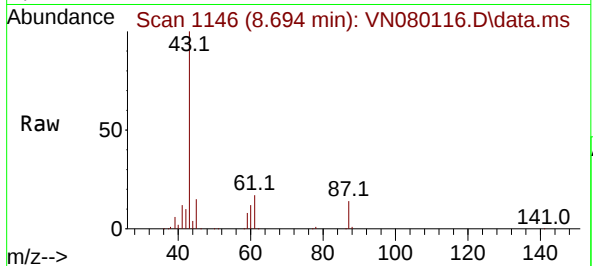




#43
Isopropyl Acetate
Concen: 36.088 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

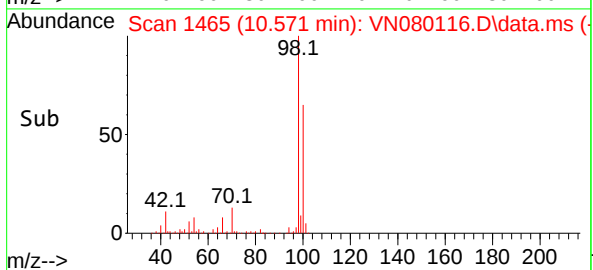
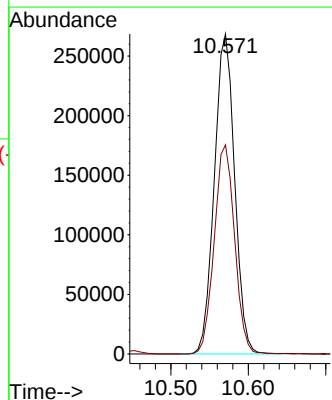
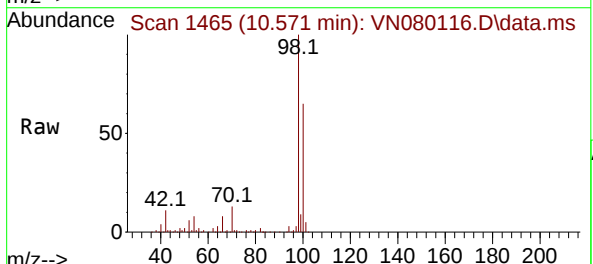
Instrument :
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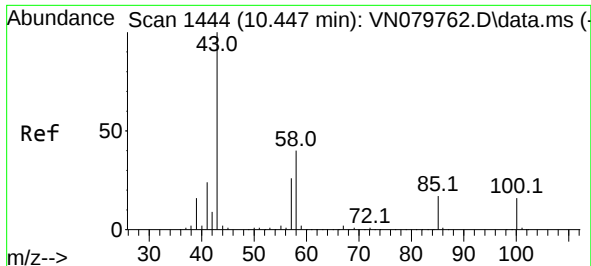
Tgt Ion: 43 Resp: 229900
Ion Ratio Lower Upper
43 100
61 14.9 24.7 37.1#
87 11.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.834 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 98 Resp: 488505
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

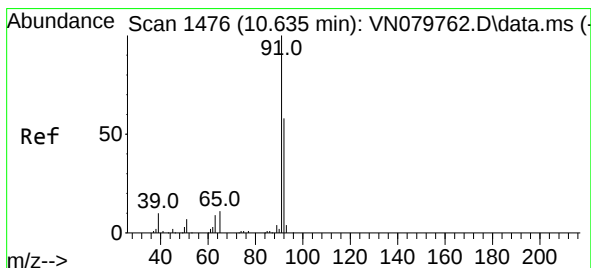
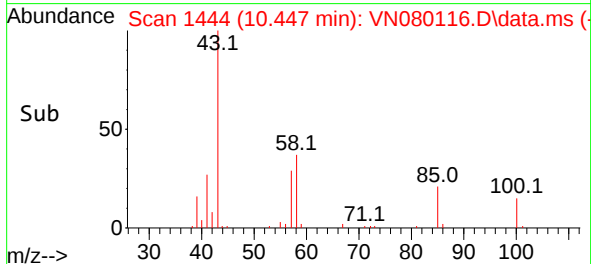
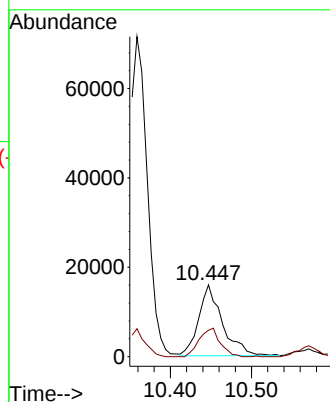
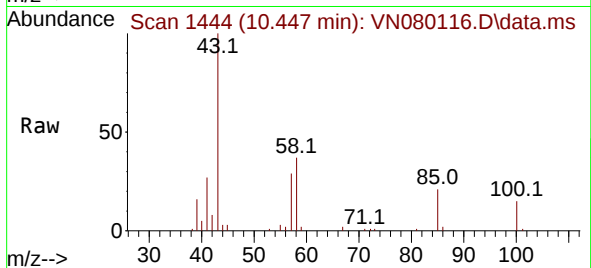




#51
4-Methyl-2-Pentanone
Concen: 8.986 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

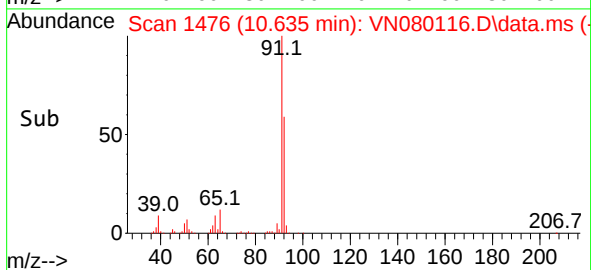
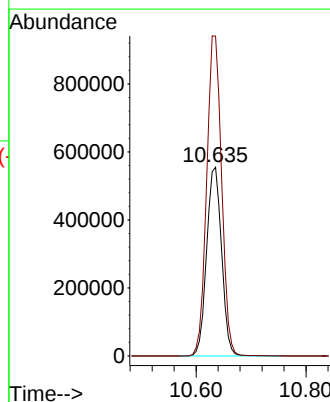
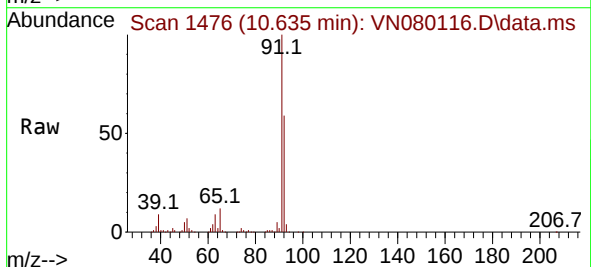
Instrument :
MSVOA_N
ClientSampleId :
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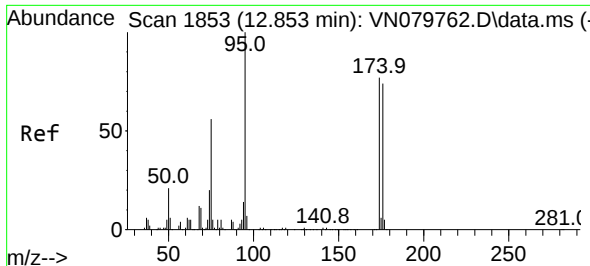
Tgt Ion: 43 Resp: 32228
Ion Ratio Lower Upper
43 100
58 35.4 36.6 54.8#



#52
Toluene
Concen: 148.602 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 92 Resp: 1045150
Ion Ratio Lower Upper
92 100
91 169.8 137.4 206.0

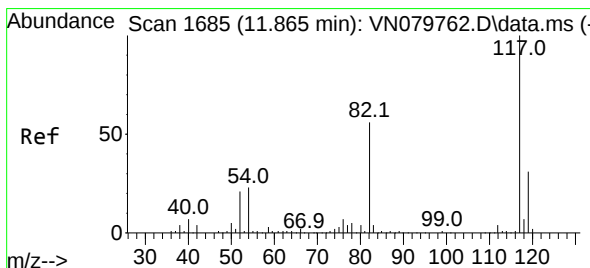
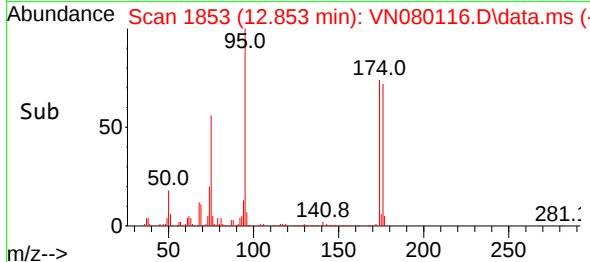
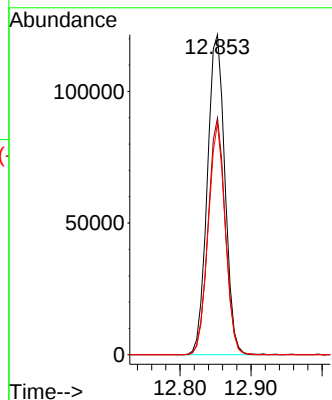
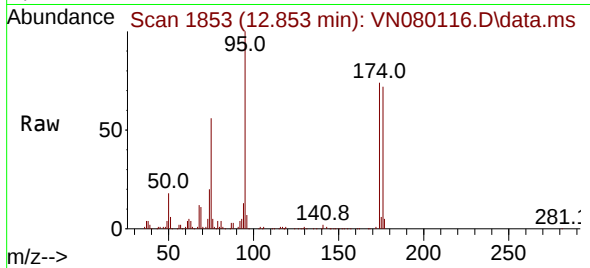




#62
4-Bromofluorobenzene
Concen: 61.629 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

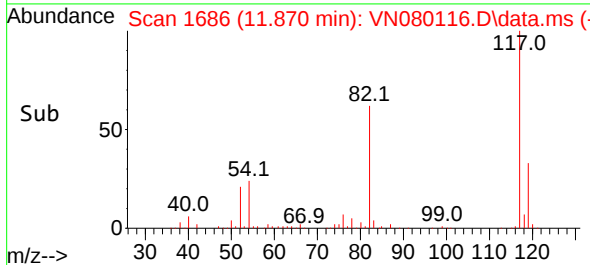
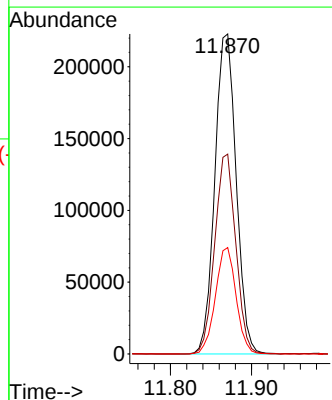
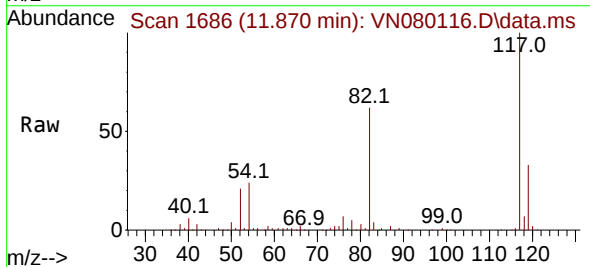
Instrument :
MSVOA_N
ClientSampleId :
1117

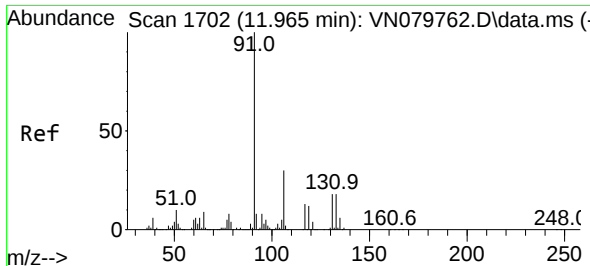
Tgt Ion: 95 Resp: 208733
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 117 Resp: 407697
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 33.2 25.6 38.4

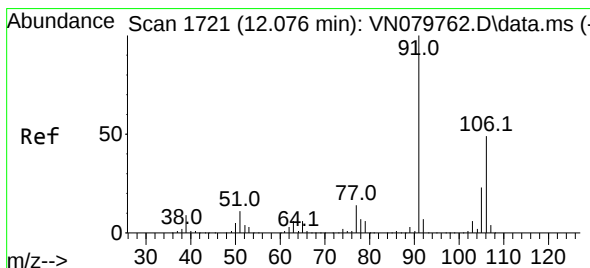
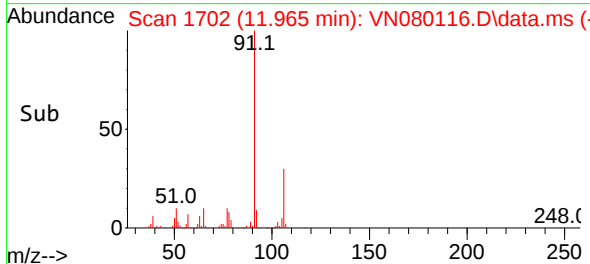
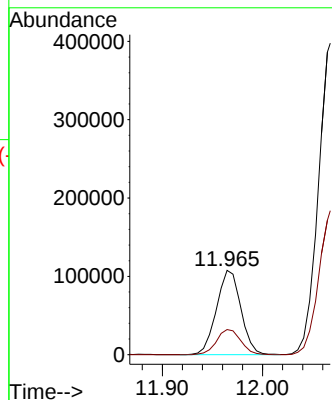
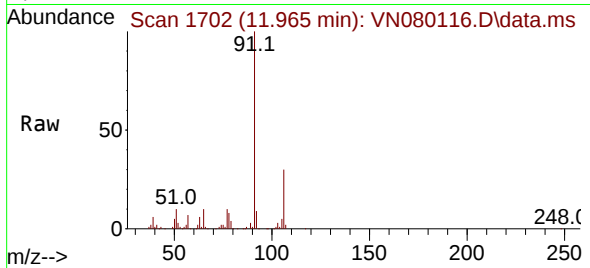




#67
Ethyl Benzene
Concen: 11.769 ug/l
RT: 11.965 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

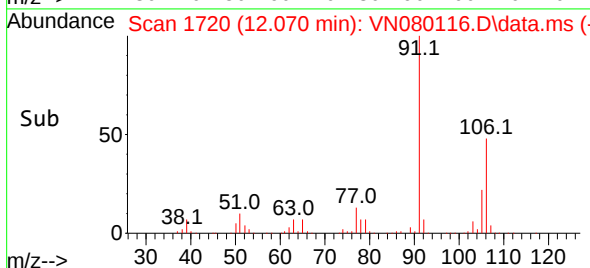
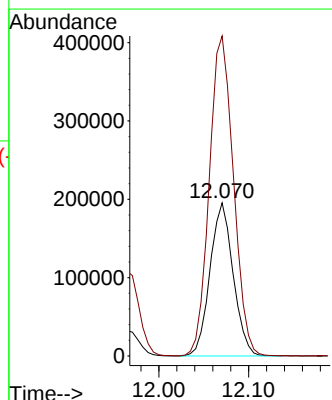
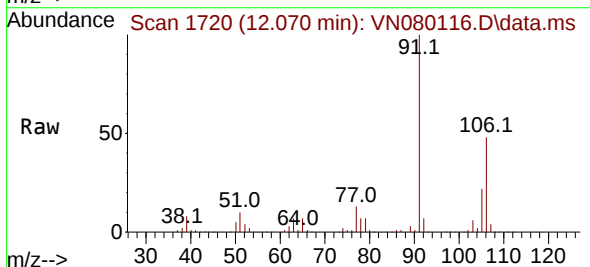
Instrument :
MSVOA_N
ClientSampleId :
1117

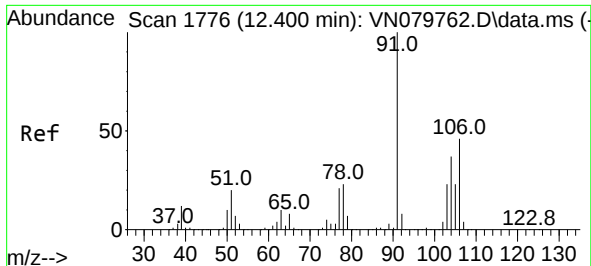
Tgt Ion: 91 Resp: 181339
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4



#68
m/p-Xylenes
Concen: 60.984 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion:106 Resp: 350034
Ion Ratio Lower Upper
106 100
91 218.5 159.6 239.4

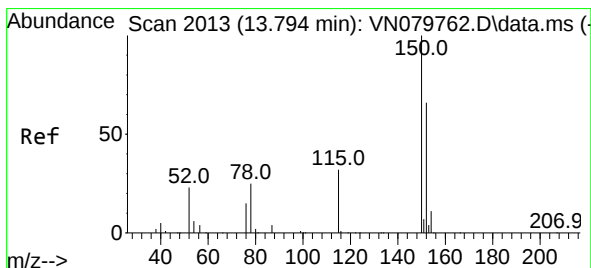
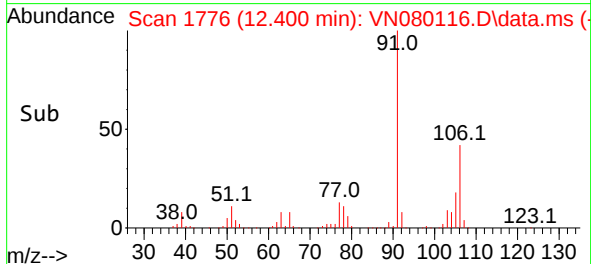
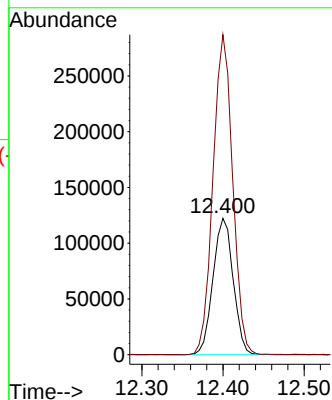
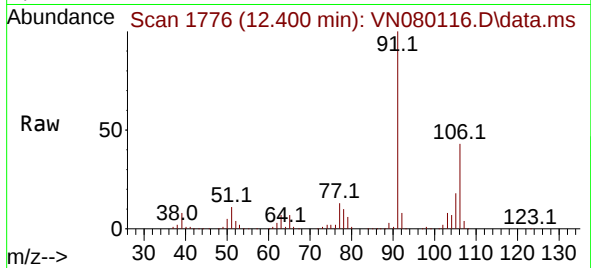




#69
o-Xylene
Concen: 38.225 ug/l
RT: 12.400 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

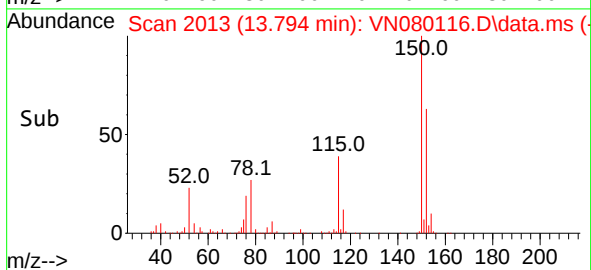
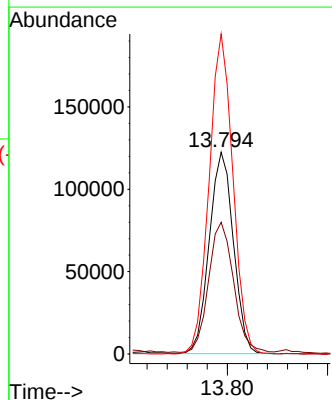
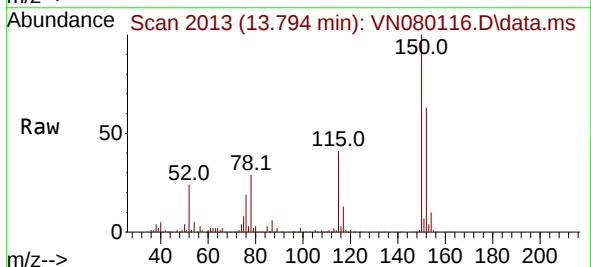
Instrument :
MSVOA_N
ClientSampleId :
1117

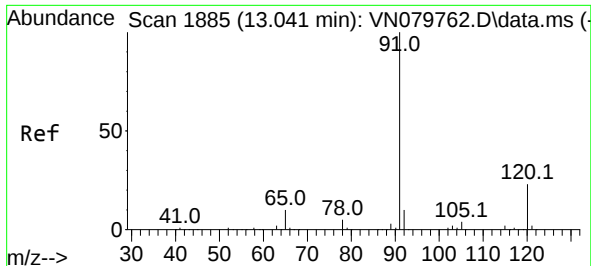
Tgt Ion:106 Resp: 211270
Ion Ratio Lower Upper
106 100
91 229.0 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion:152 Resp: 204441
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 156.4 0.0 355.8

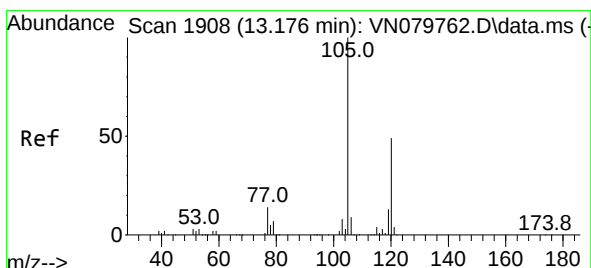
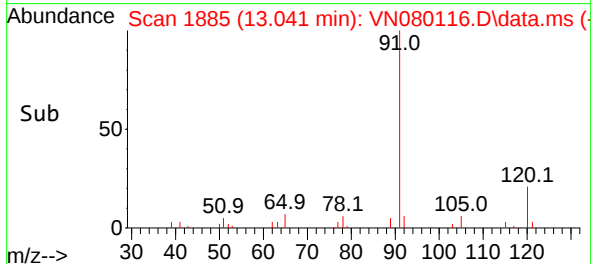
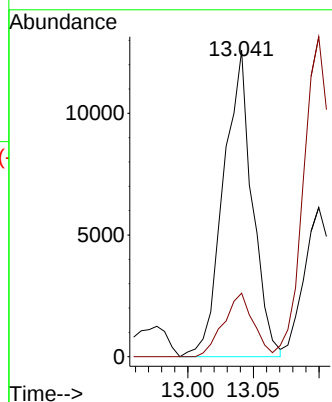
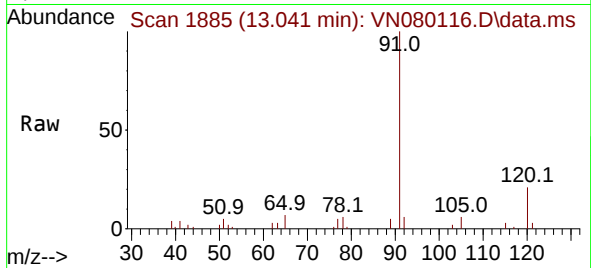




#78
n-propylbenzene
Concen: 1.087 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

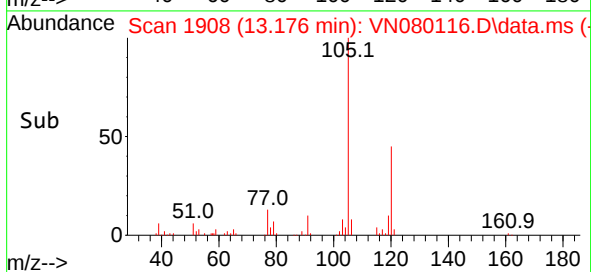
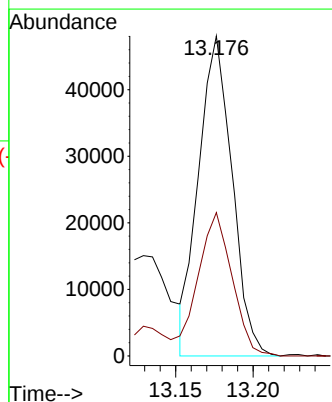
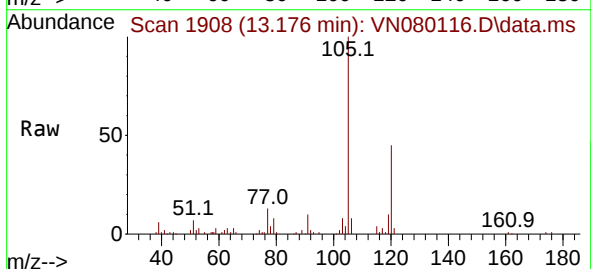
Instrument :
MSVOA_N
ClientSampleId :
1117

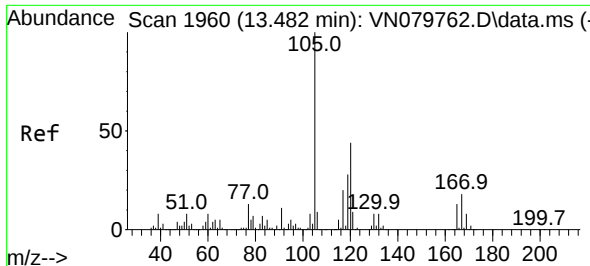
Tgt Ion: 91 Resp: 19321
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 5.973 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 105 Resp: 72105
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3

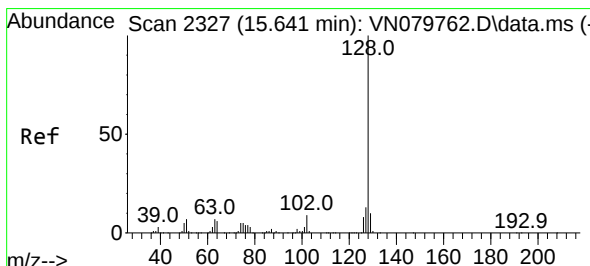
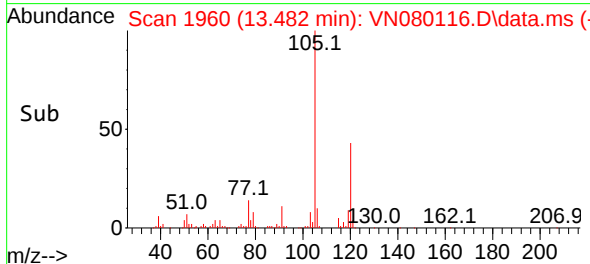
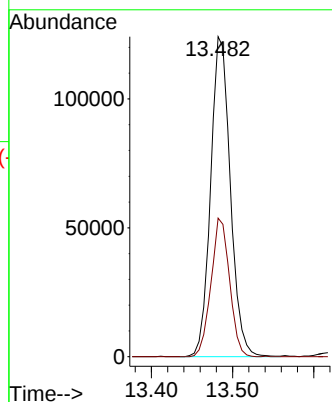
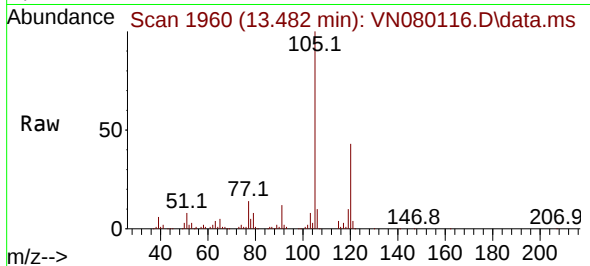




#84
1,2,4-Trimethylbenzene
Concen: 17.615 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :
1117

Tgt Ion:105 Resp: 209211
Ion Ratio Lower Upper
105 100
120 40.7 22.0 66.0



#95
Naphthalene
Concen: 283.013 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion:128 Resp: 3044340
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

