

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075878.D
 Acq On : 19 Dec 2022 17:58
 Operator : JC\MD
 Sample : N6102-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Dec 20 01:30:56 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)

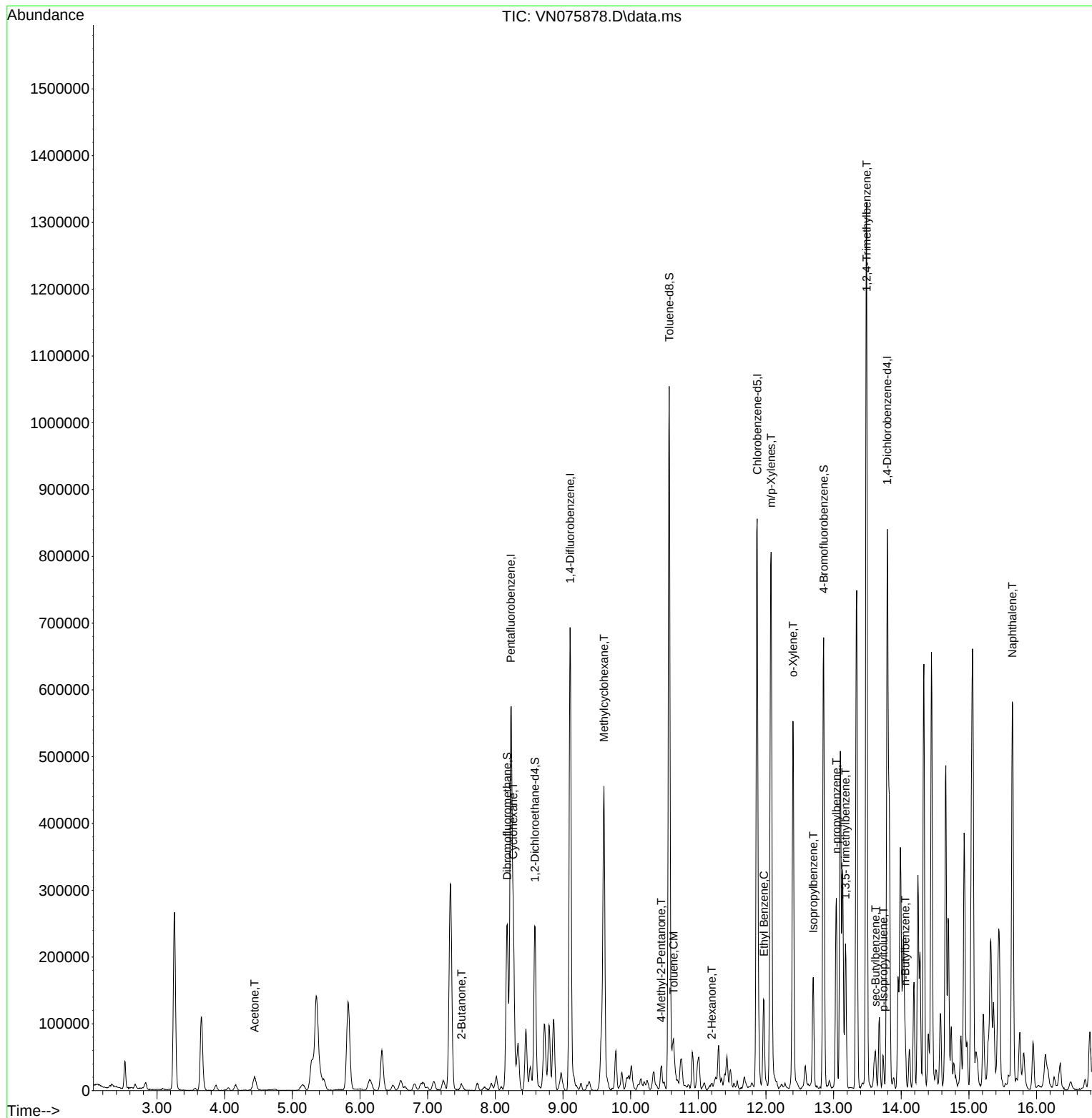
Internal Standards						
1) Pentafluorobenzene	8.230	168	395137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	607673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	526309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198035	46.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.140%
35) Dibromofluoromethane	8.177	113	177529	47.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	10.571	98	705958	50.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.853	95	223224	47.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	22326	15.066	ug/l #	87
25) 2-Butanone	7.500	43	12254	5.906	ug/l	93
31) Cyclohexane	8.265	56	145844	23.689	ug/l #	89
39) Methylcyclohexane	9.606	83	215852	35.790	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	6541	1.633	ug/l #	83
52) Toluene	10.635	92	26349	2.623	ug/l	92
59) 2-Hexanone	11.200	43	6562	2.246	ug/l	66
67) Ethyl Benzene	11.970	91	77550	4.254	ug/l	97
68) m/p-Xylenes	12.076	106	285481	39.562	ug/l	99
69) o-Xylene	12.400	106	161104	22.560	ug/l	99
73) Isopropylbenzene	12.700	105	114466	6.781	ug/l	100
78) n-propylbenzene	13.041	91	225574	12.116	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	111462	7.890	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	785448	56.044	ug/l	99
85) sec-Butylbenzene	13.617	105	32119	1.868	ug/l #	61
86) p-Isopropyltoluene	13.735	119	29787	2.082	ug/l	97
89) n-Butylbenzene	14.059	91	55848	4.819	ug/l #	75
95) Naphthalene	15.641	128	564933	44.682	ug/l	100

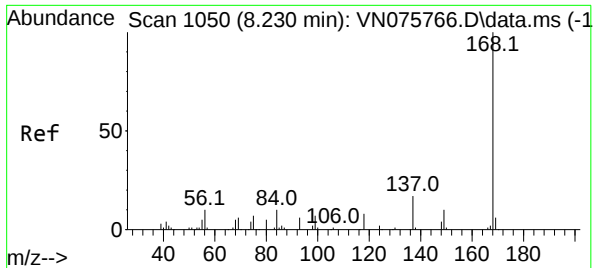
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
Data File : VN075878.D
Acq On : 19 Dec 2022 17:58
Operator : JC\MD
Sample : N6102-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Time: Dec 20 01:30:56 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

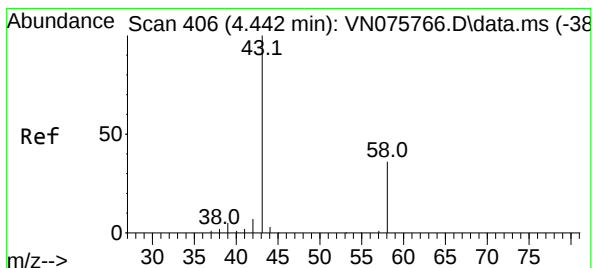
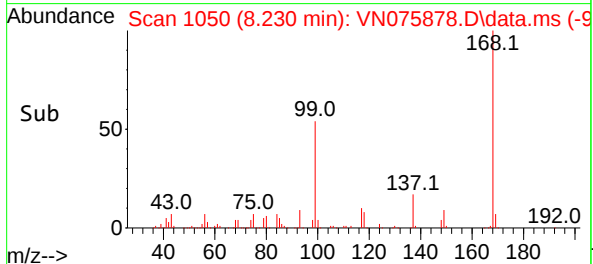
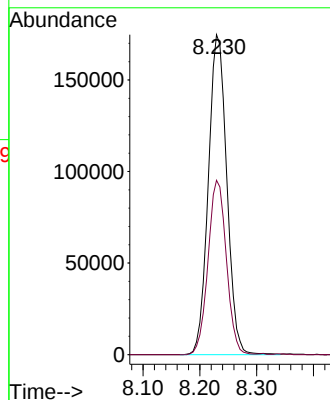
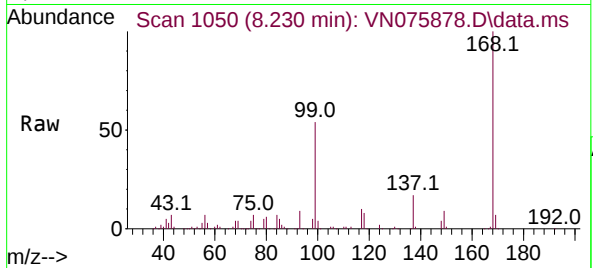




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

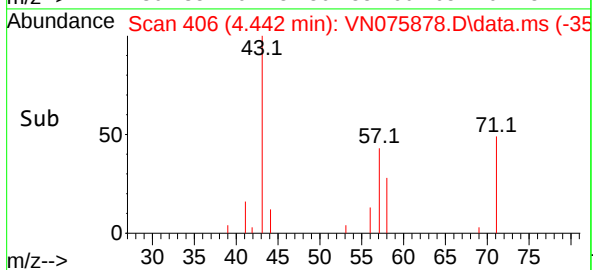
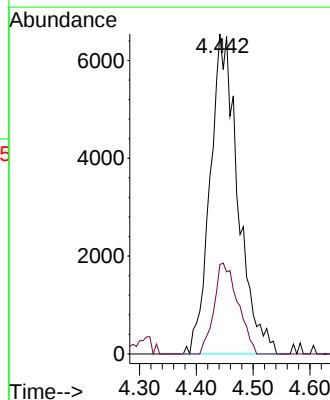
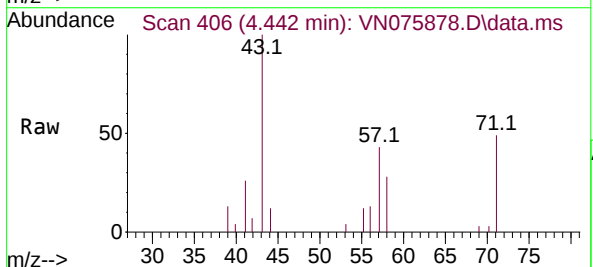
Instrument :
MSVOA_N
ClientSampleId :
MW-3

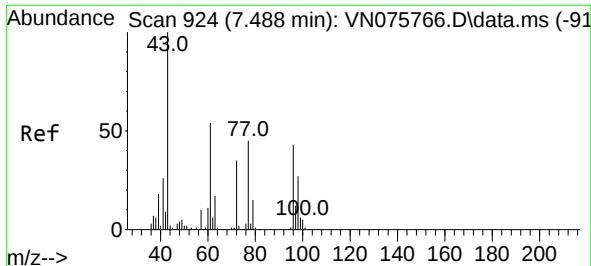
Tgt Ion:168 Resp: 395137
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#16
Acetone
Concen: 15.066 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 43 Resp: 22326
Ion Ratio Lower Upper
43 100
58 27.9 28.6 43.0#

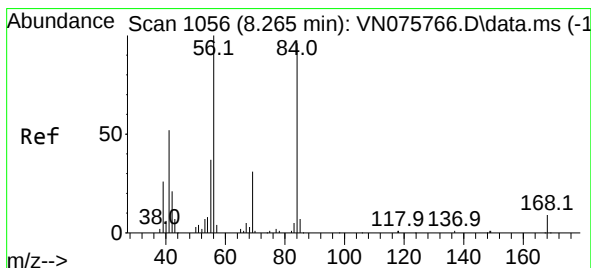
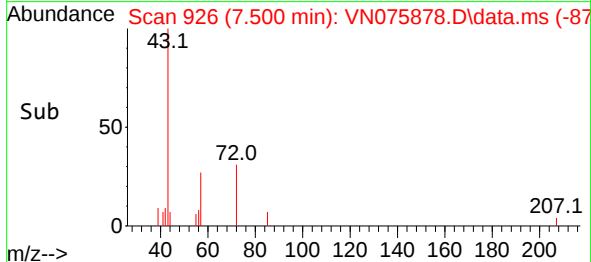
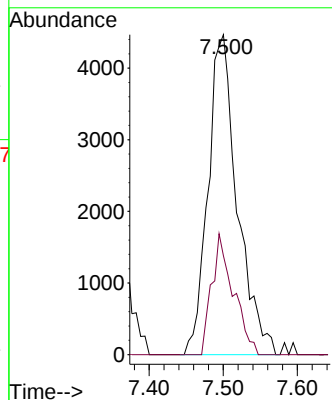
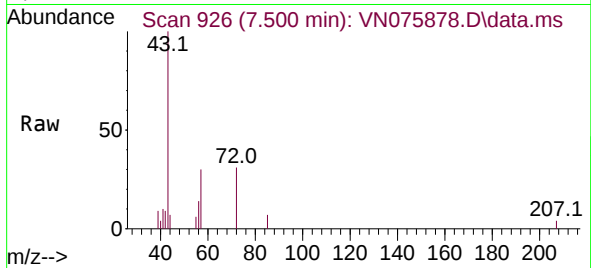




#25
2-Butanone
Concen: 5.906 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

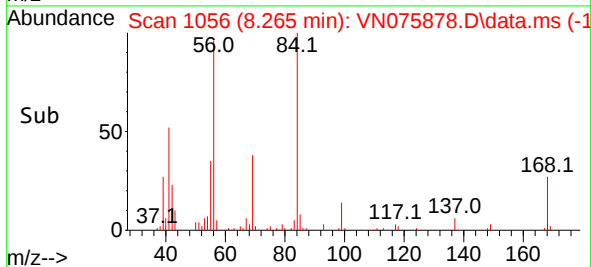
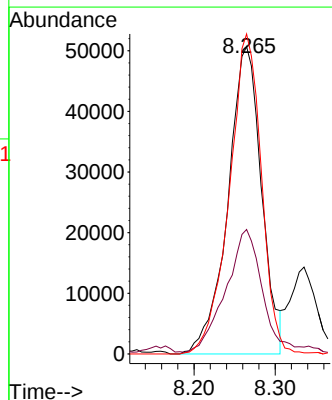
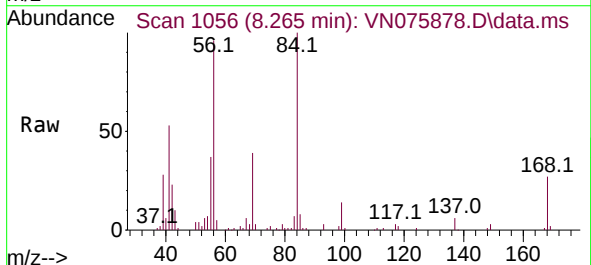
Instrument :
MSVOA_N
ClientSampleId :
MW-3

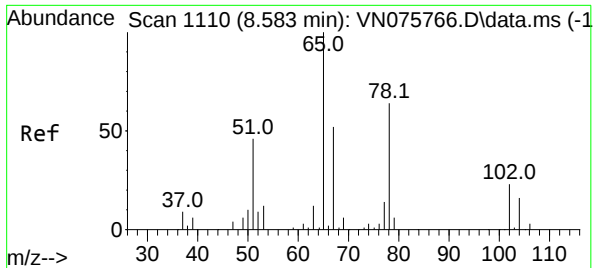
Tgt Ion: 43 Resp: 12254
Ion Ratio Lower Upper
43 100
72 30.9 28.0 42.0



#31
Cyclohexane
Concen: 23.689 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 56 Resp: 145844
Ion Ratio Lower Upper
56 100
69 39.8 24.7 37.1#
84 104.1 76.5 114.7





#33

1,2-Dichloroethane-d4

Concen: 46.068 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075878.D

Acq: 19 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

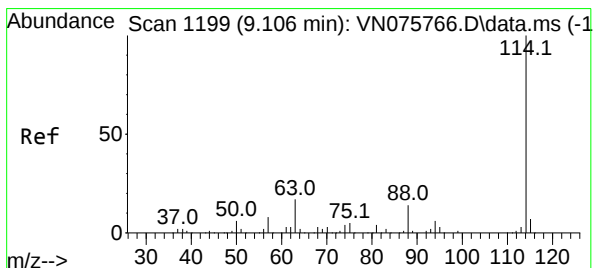
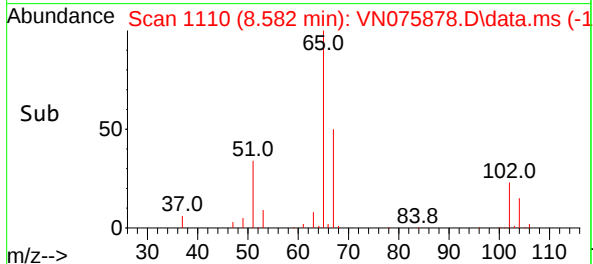
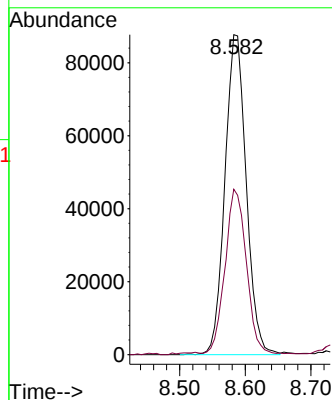
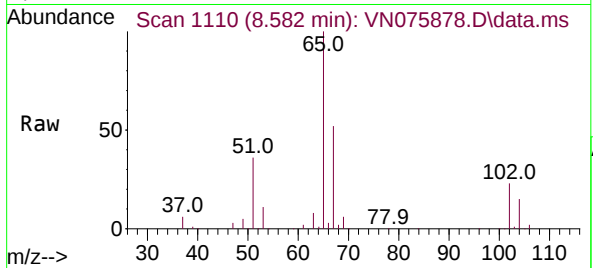
MW-3

Tgt Ion: 65 Resp: 198035

Ion Ratio Lower Upper

65 100

67 51.7 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: VN075878.D

Acq: 19 Dec 2022 17:58

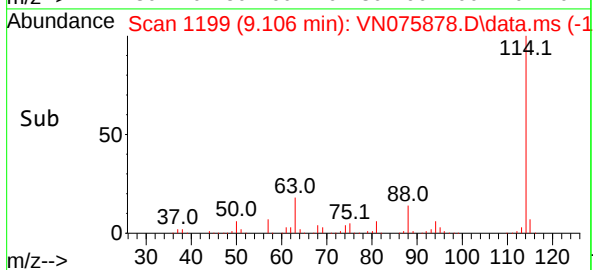
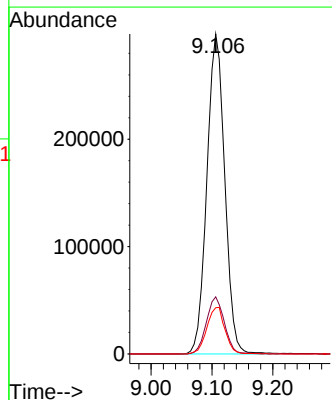
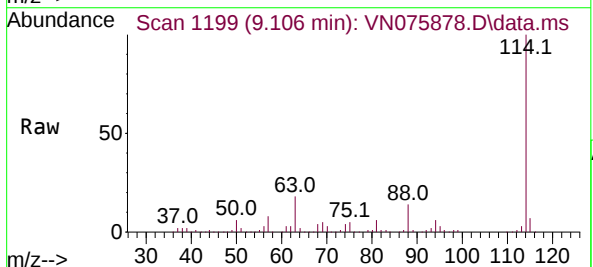
Tgt Ion: 114 Resp: 607673

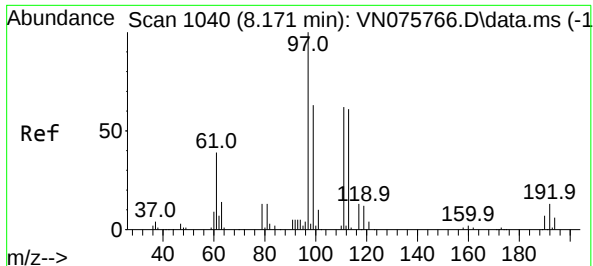
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.175 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075878.D

Acq: 19 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

MW-3

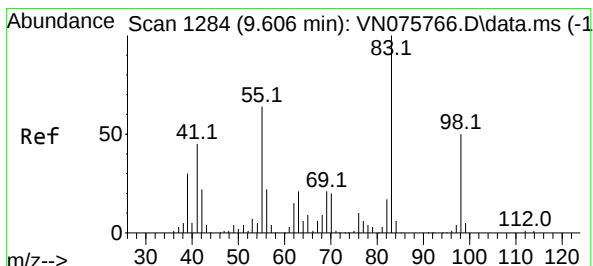
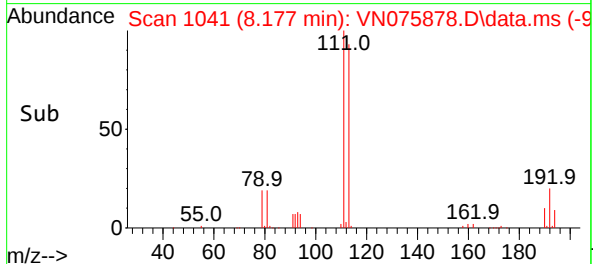
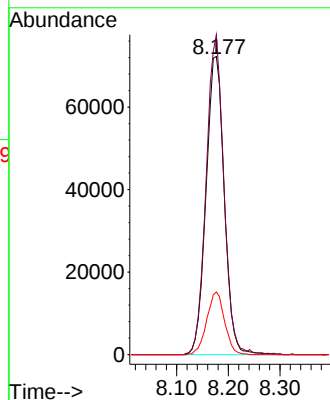
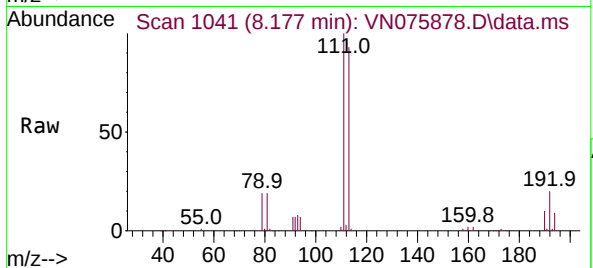
Tgt Ion:113 Resp: 177529

Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 20.5 16.1 24.1



#39

Methylcyclohexane

Concen: 35.790 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN075878.D

Acq: 19 Dec 2022 17:58

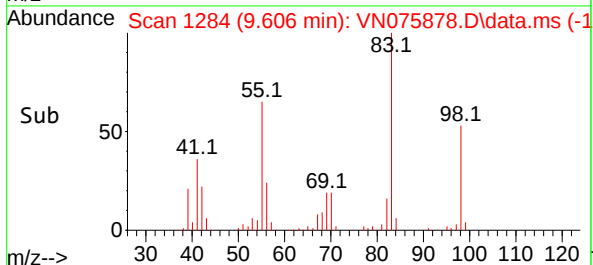
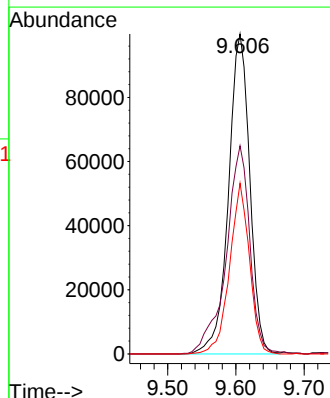
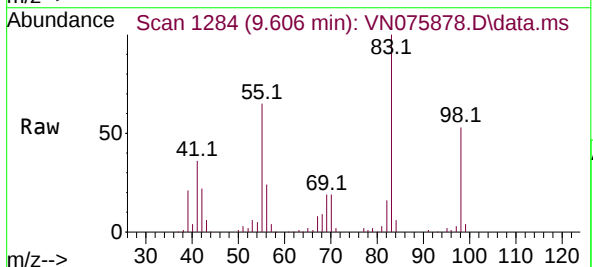
Tgt Ion: 83 Resp: 215852

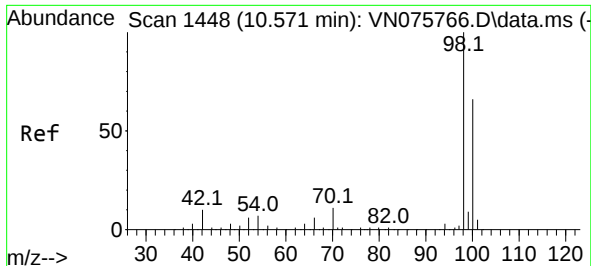
Ion Ratio Lower Upper

83 100

55 65.0 51.4 77.0

98 53.3 39.8 59.8

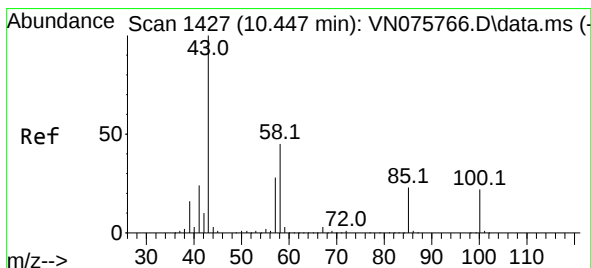
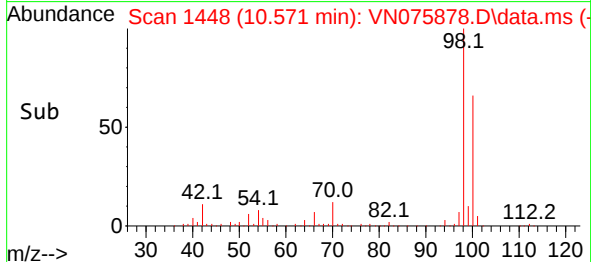
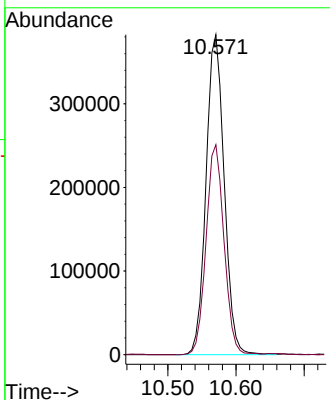
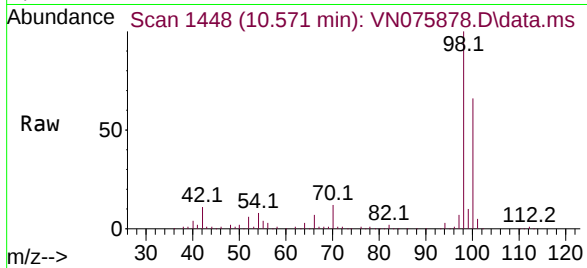




#50
Toluene-d8
Concen: 50.174 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

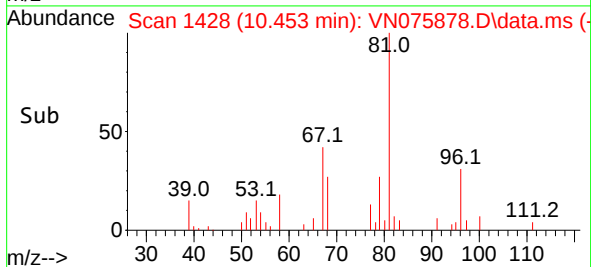
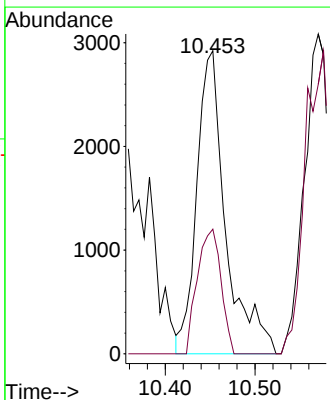
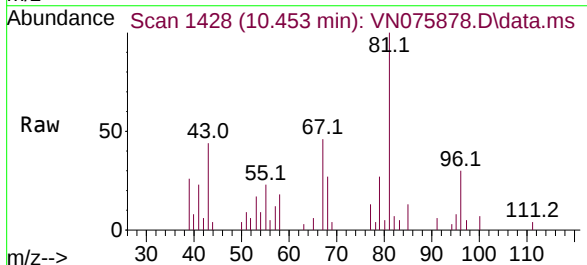
Instrument :
MSVOA_N
ClientSampleId :
MW-3

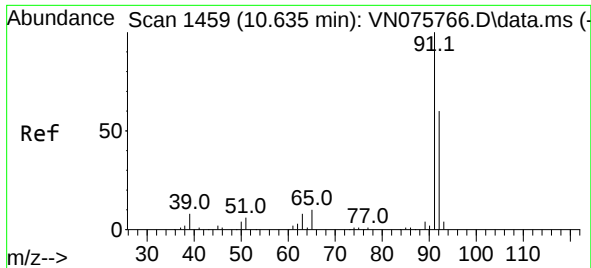
Tgt Ion: 98 Resp: 705958
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.633 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 43 Resp: 6541
Ion Ratio Lower Upper
43 100
58 33.6 35.5 53.3#

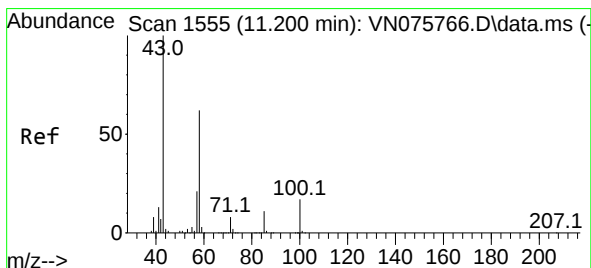
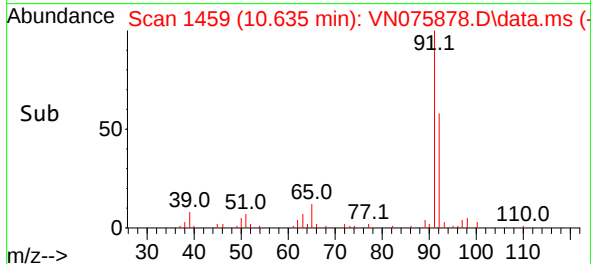
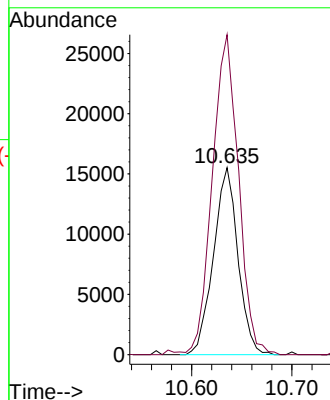
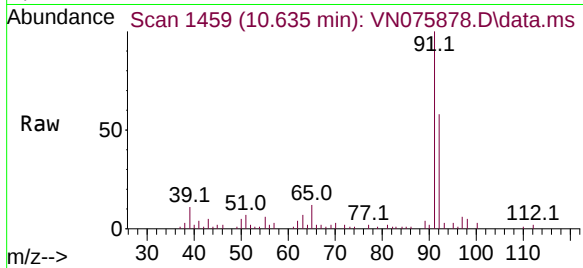




#52
Toluene
Concen: 2.623 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

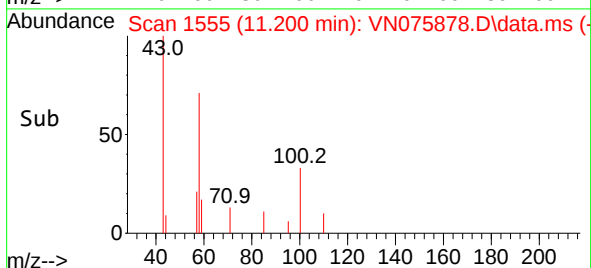
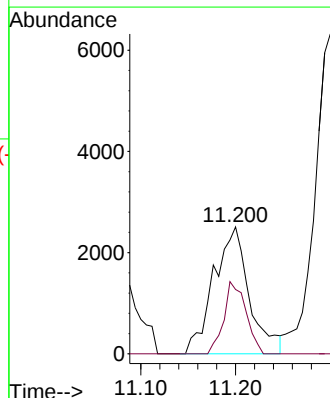
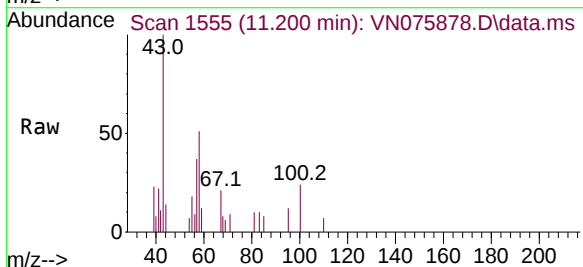
Instrument :
MSVOA_N
ClientSampleId :
MW-3

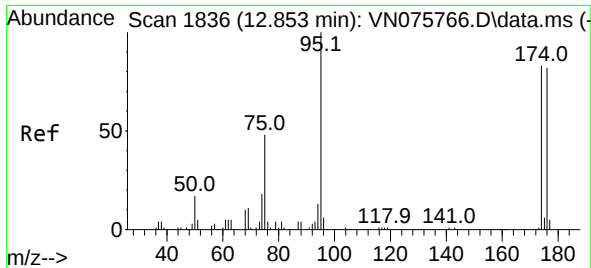
Tgt Ion: 92 Resp: 26349
Ion Ratio Lower Upper
92 100
91 182.3 137.3 205.9



#59
2-Hexanone
Concen: 2.246 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 43 Resp: 6562
Ion Ratio Lower Upper
43 100
58 35.2 30.6 92.0

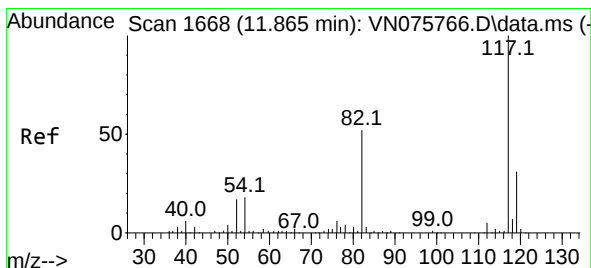
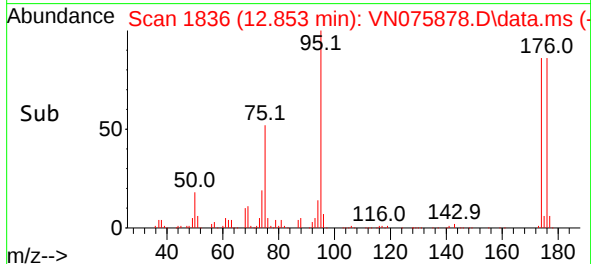
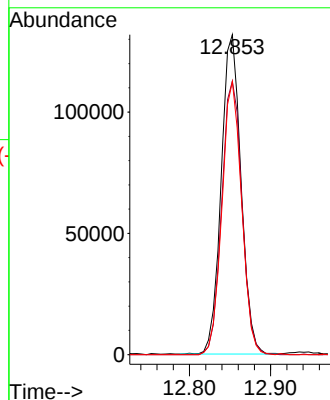
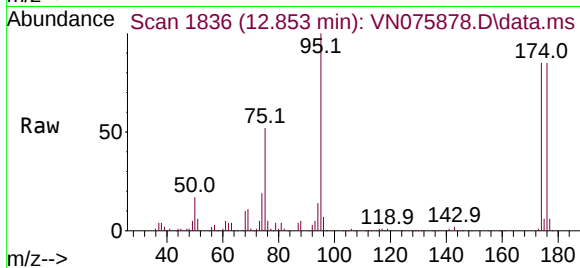




#62
4-Bromofluorobenzene
Concen: 47.900 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

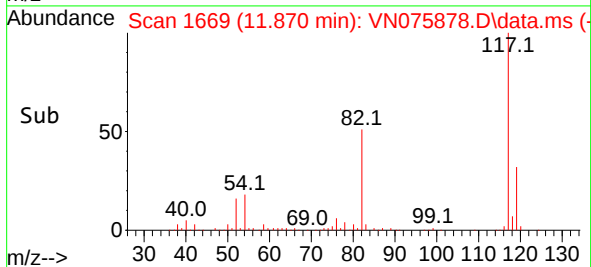
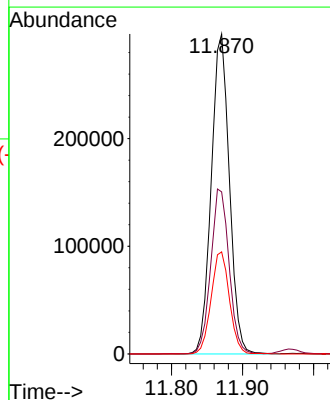
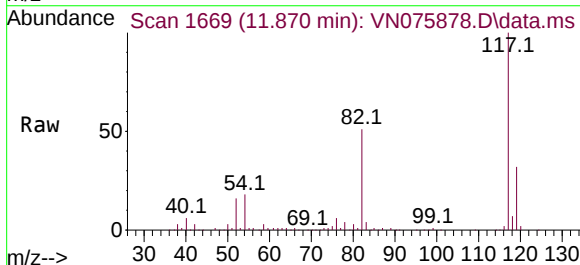
Instrument :
MSVOA_N
ClientSampleId :
MW-3

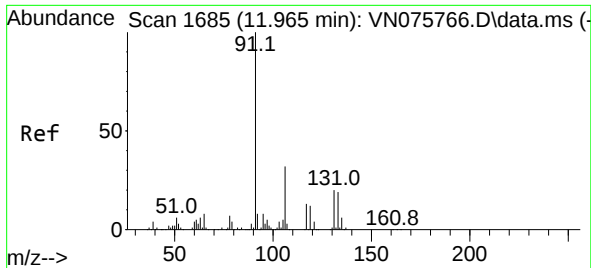
Tgt Ion: 95 Resp: 223224
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 84.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 117 Resp: 526309
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 31.9 24.6 37.0

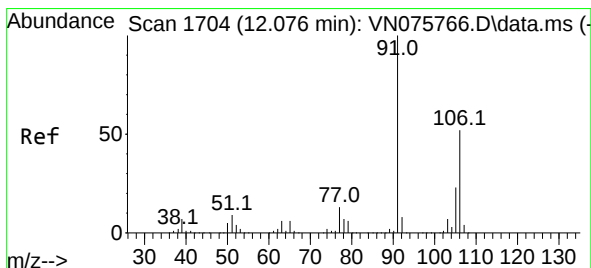
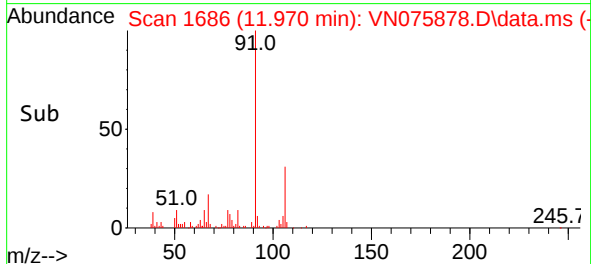
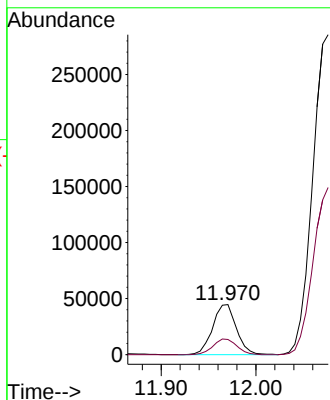
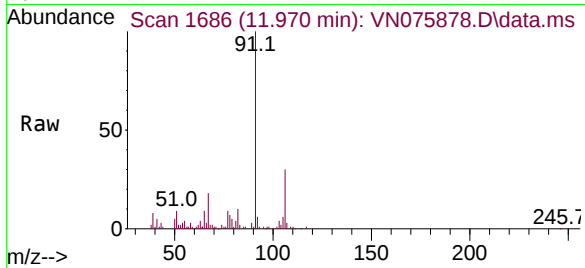




#67
Ethyl Benzene
Concen: 4.254 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

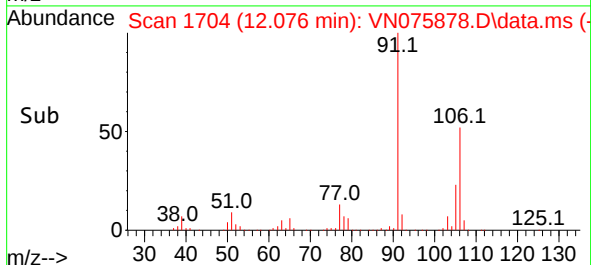
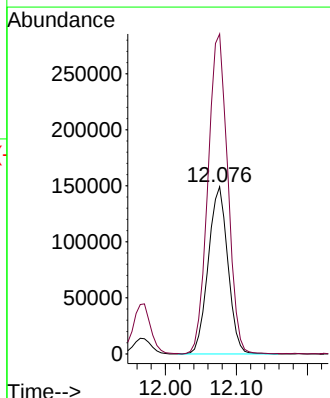
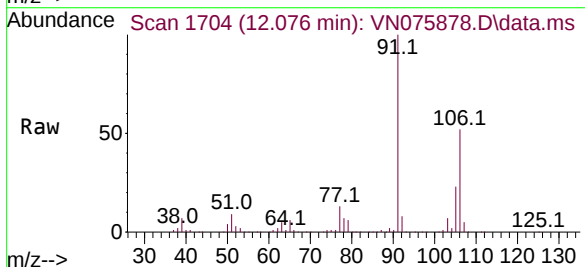
Instrument :
MSVOA_N
ClientSampleId :
MW-3

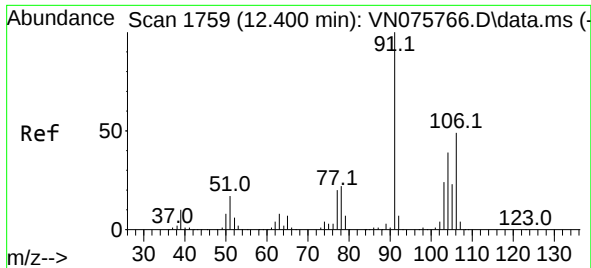
Tgt Ion: 91 Resp: 77550
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5



#68
m/p-Xylenes
Concen: 39.562 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 106 Resp: 285481
Ion Ratio Lower Upper
106 100
91 193.8 156.6 235.0

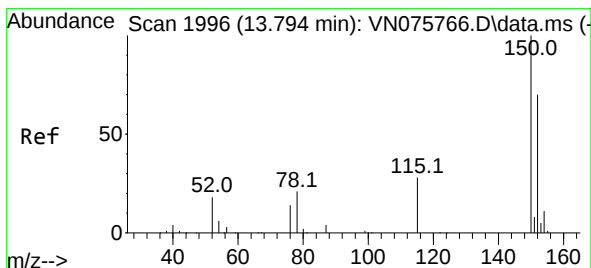
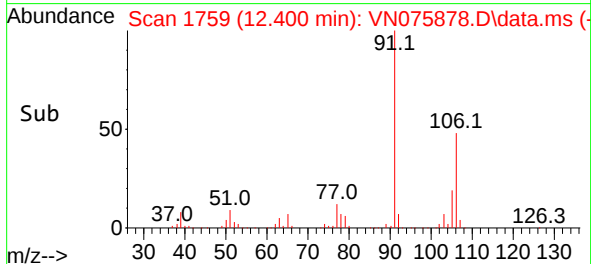
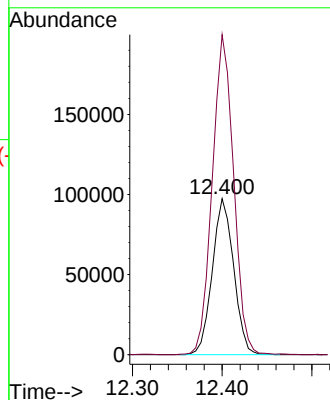
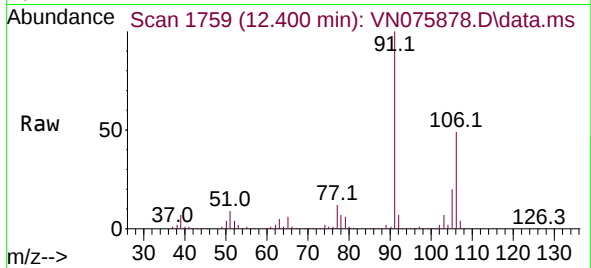




#69
o-Xylene
Concen: 22.560 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

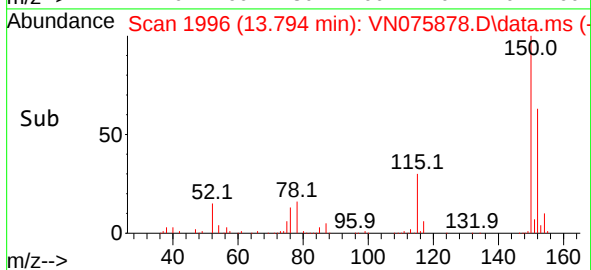
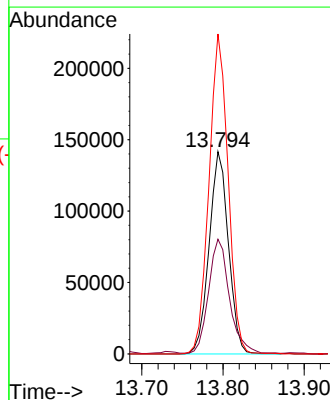
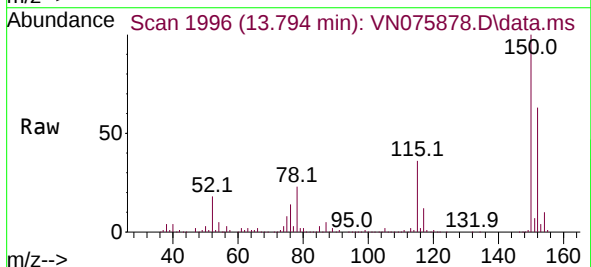
Instrument :
MSVOA_N
ClientSampleId :
MW-3

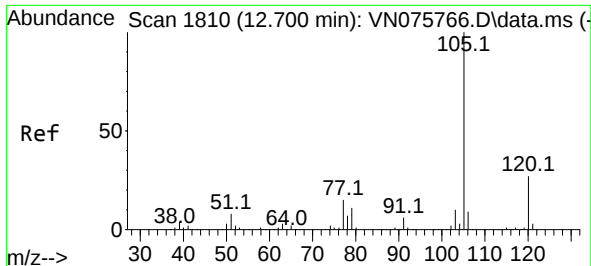
Tgt Ion:106 Resp: 161104
Ion Ratio Lower Upper
106 100
91 205.5 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion:152 Resp: 233580
Ion Ratio Lower Upper
152 100
115 60.8 29.1 87.4
150 156.7 0.0 347.0

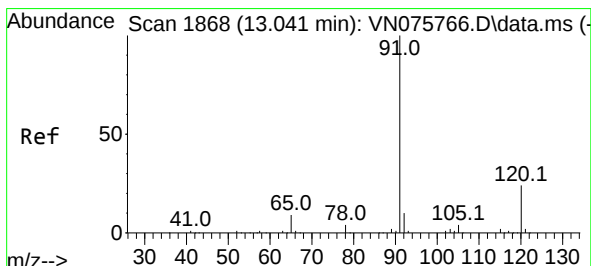
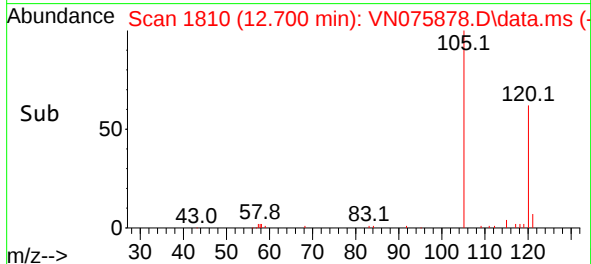
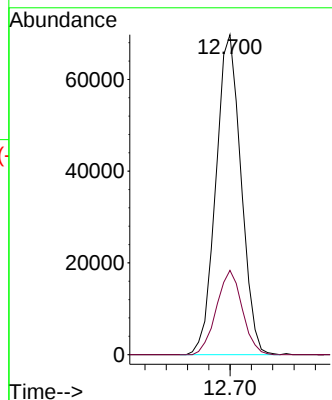
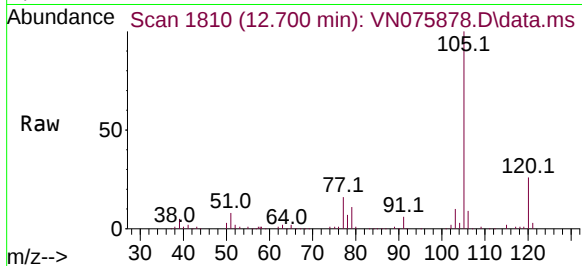




#73
Isopropylbenzene
Concen: 6.781 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

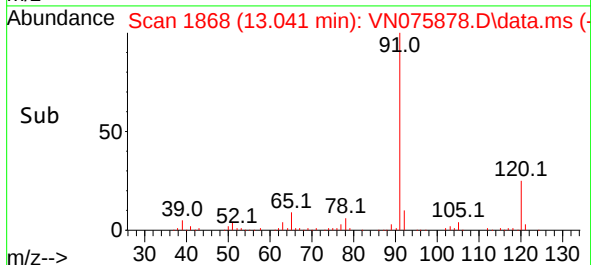
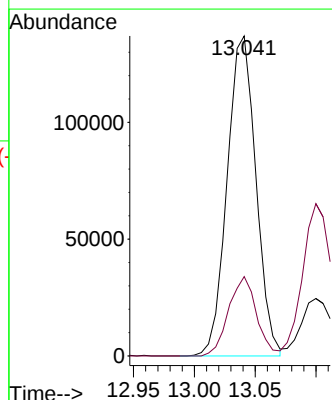
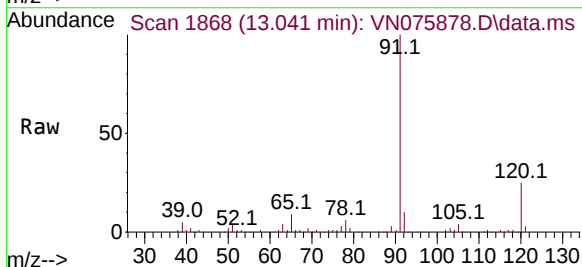
Instrument :
MSVOA_N
ClientSampleId :
MW-3

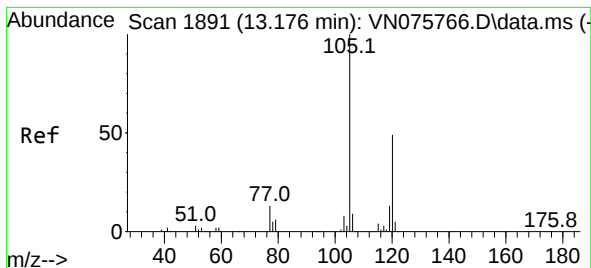
Tgt Ion:105 Resp: 114466
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#78
n-propylbenzene
Concen: 12.116 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion: 91 Resp: 225574
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.1





#80

1,3,5-Trimethylbenzene

Concen: 7.890 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN075878.D

Acq: 19 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

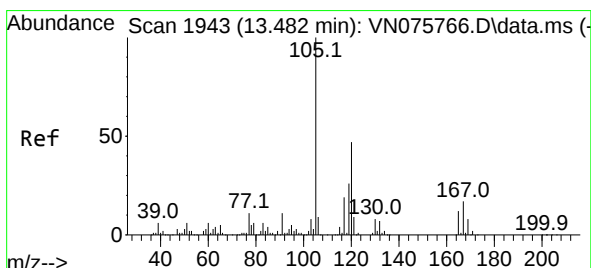
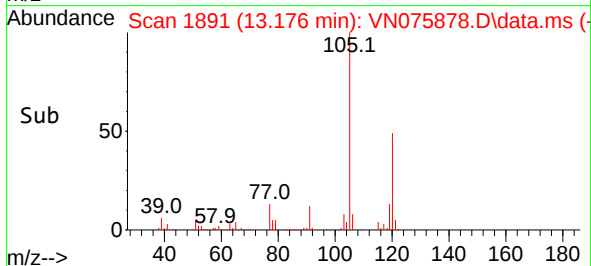
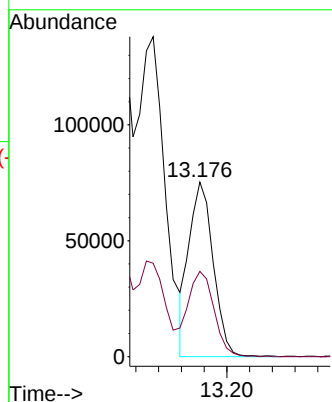
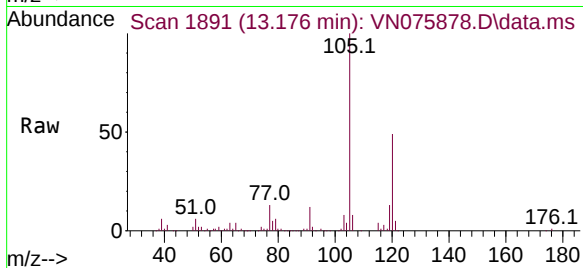
MW-3

Tgt Ion:105 Resp: 111462

Ion Ratio Lower Upper

105 100

120 54.7 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 56.044 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075878.D

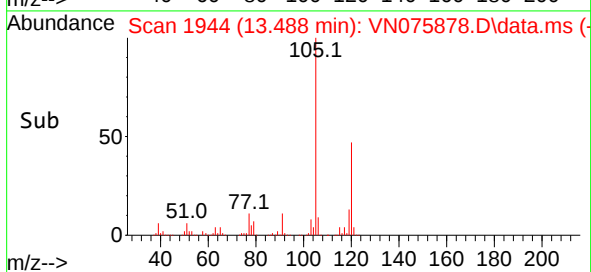
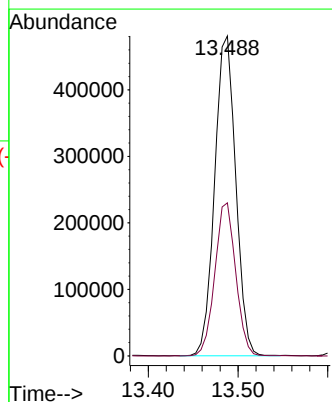
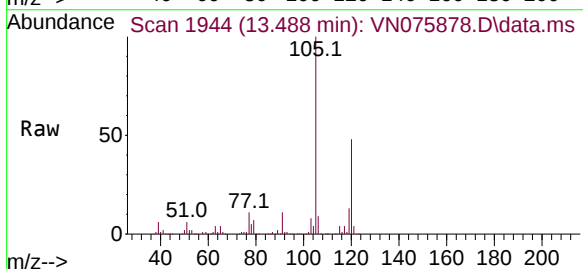
Acq: 19 Dec 2022 17:58

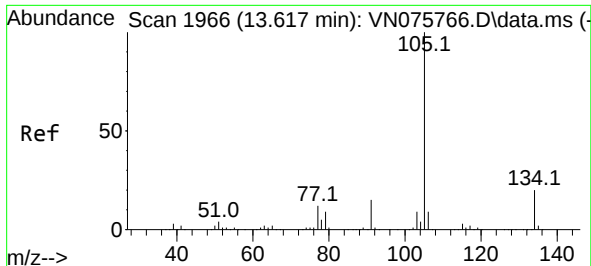
Tgt Ion:105 Resp: 785448

Ion Ratio Lower Upper

105 100

120 47.5 23.3 69.8

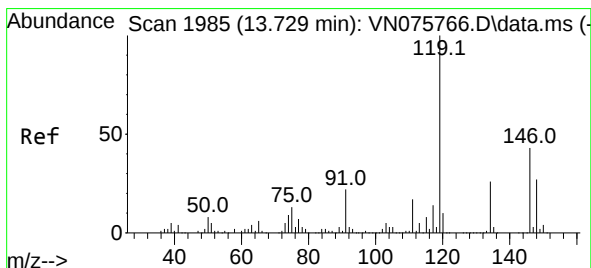
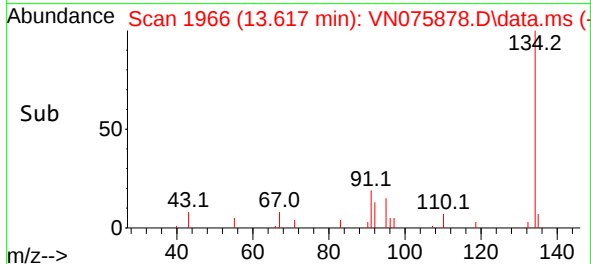
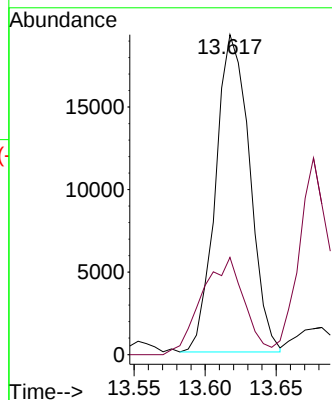
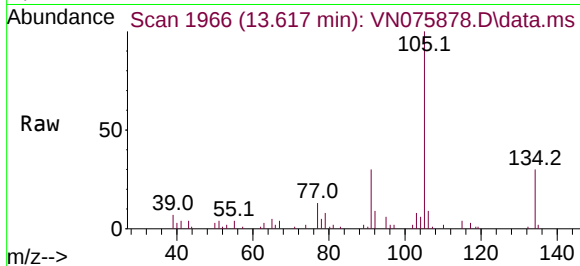




#85
 sec-Butylbenzene
 Concen: 1.868 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075878.D
 Acq: 19 Dec 2022 17:58

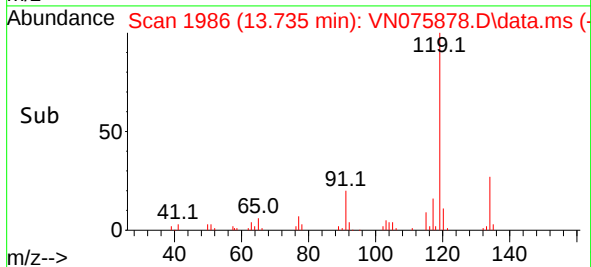
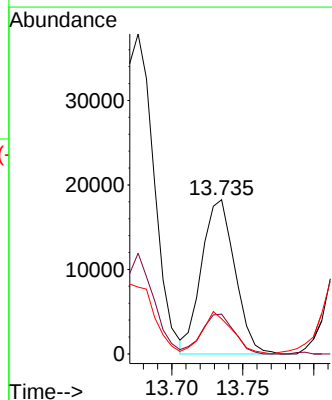
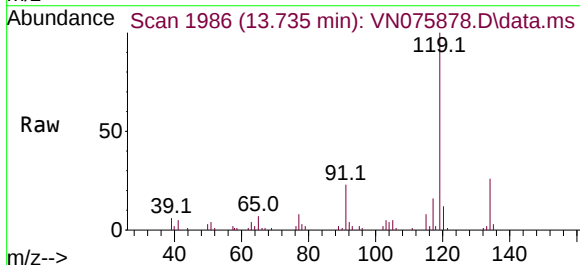
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

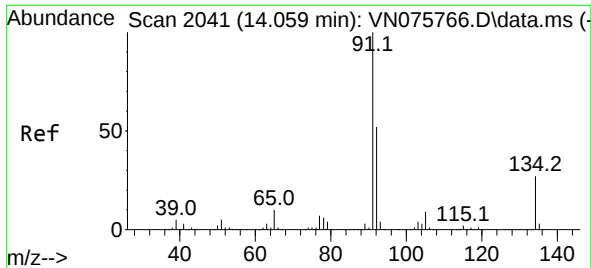
Tgt Ion:105 Resp: 32119
 Ion Ratio Lower Upper
 105 100
 134 38.3 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 2.082 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075878.D
 Acq: 19 Dec 2022 17:58

Tgt Ion:119 Resp: 29787
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.9 11.2 33.6

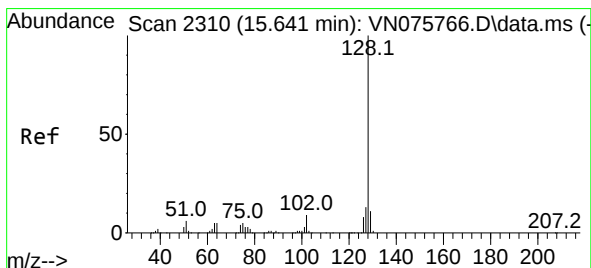
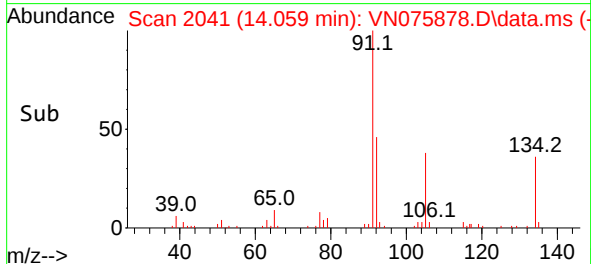
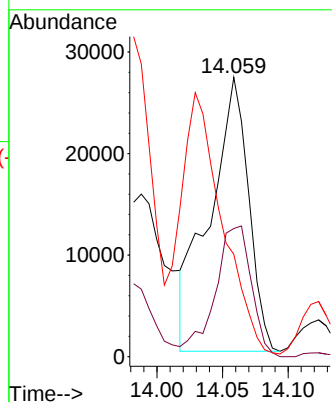
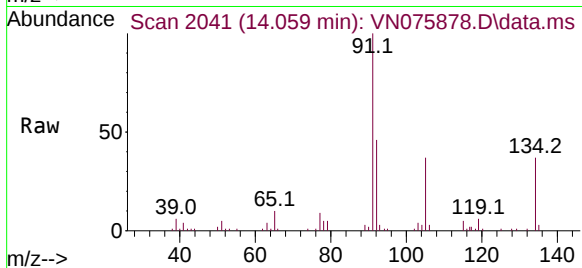




#89
n-Butylbenzene
Concen: 4.819 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 91 Resp: 55848
Ion Ratio Lower Upper
91 100
92 44.4 26.4 79.2
134 0.0 13.4 40.2#



#95
Naphthalene
Concen: 44.682 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075878.D
Acq: 19 Dec 2022 17:58

Tgt Ion:128 Resp: 564933
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1

