

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071581.D
 Acq On : 26 Mar 2022 18:38
 Operator : JC\MD
 Sample : N2131-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

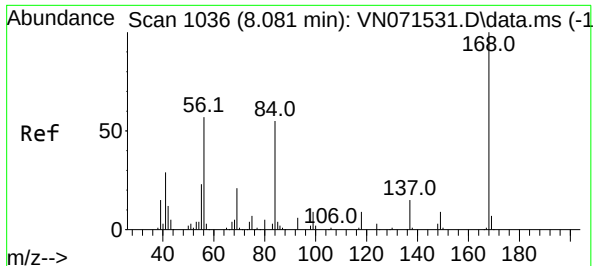
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Mar 28 02:20:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	815093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1337408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1306880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	537573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	457795	45.207	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.420%
35) Dibromofluoromethane	8.016	113	375873	44.719	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.440%
50) Toluene-d8	10.439	98	1639971	48.373	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.727	95	578363	52.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.120%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	17562	4.231	ug/l #	83
31) Cyclohexane	8.087	56	36824	2.541	ug/l #	69
39) Methylcyclohexane	9.457	83	8983	0.604	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	5329	0.403	ug/l #	81
52) Toluene	10.498	92	23180	0.982	ug/l	98
67) Ethyl Benzene	11.839	91	535523	11.250	ug/l	97
68) m/p-Xylenes	11.951	106	226434	12.432	ug/l	97
69) o-Xylene	12.275	106	10141	0.560	ug/l	93
73) Isopropylbenzene	12.575	105	58895	1.243	ug/l	99
78) n-propylbenzene	12.916	91	135479	2.687	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	33237	0.888	ug/l	91
84) 1,2,4-Trimethylbenzene	13.363	105	784259	21.724	ug/l	99
85) sec-Butylbenzene	13.498	105	27577	0.616	ug/l #	74
89) n-Butylbenzene	13.939	91	11051	0.404	ug/l #	80
95) Naphthalene	15.504	128	326106	14.367	ug/l	99

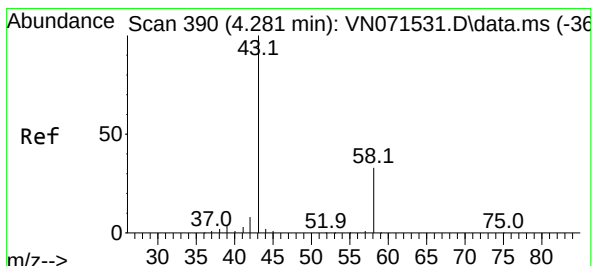
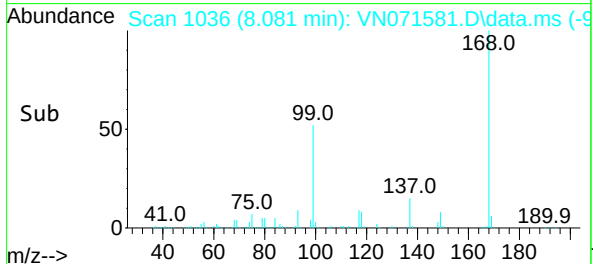
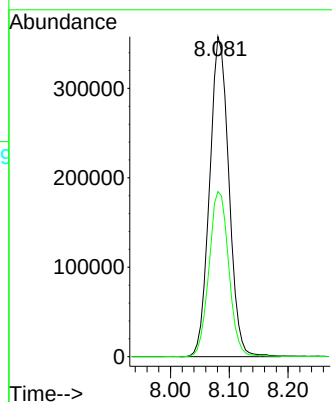
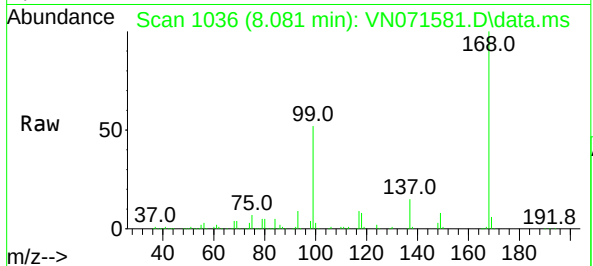
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

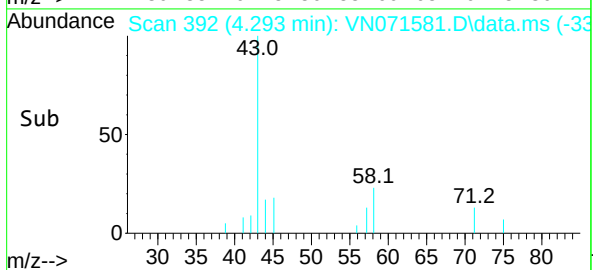
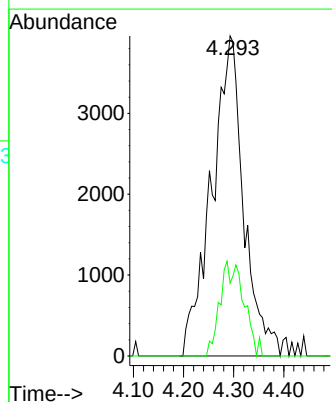
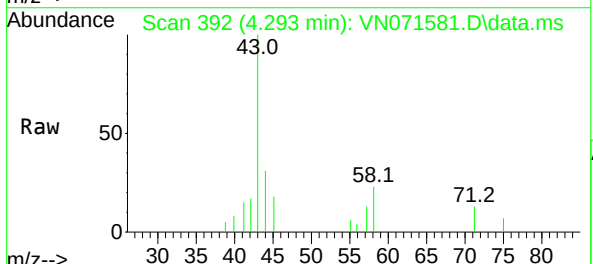
Instrument :
MSVOA_N
ClientSampleId :
MW-12

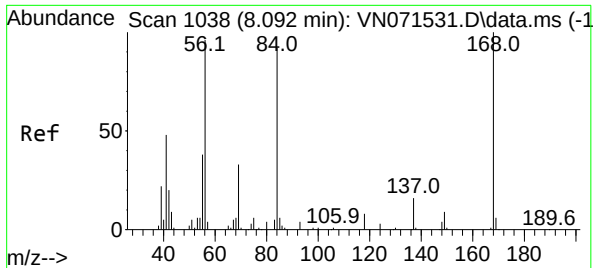
Tgt Ion:168 Resp: 815093
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#16
Acetone
Concen: 4.231 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion: 43 Resp: 17562
Ion Ratio Lower Upper
43 100
58 22.7 26.0 39.0#

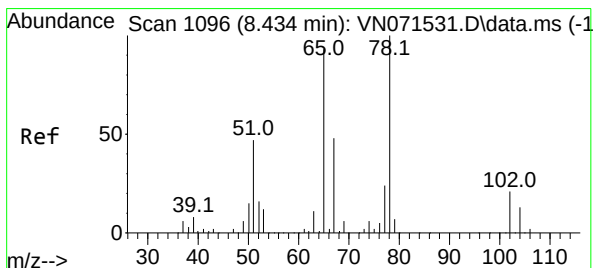
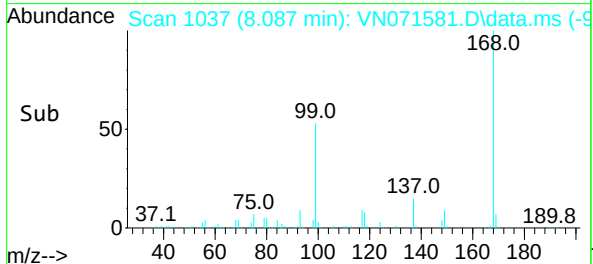
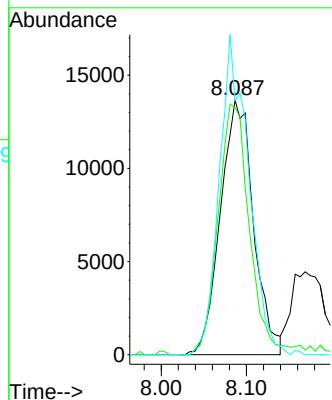
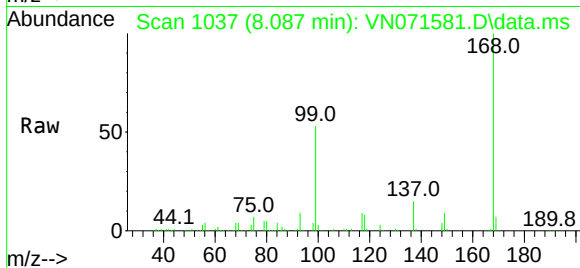




#31
Cyclohexane
Concen: 2.541 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

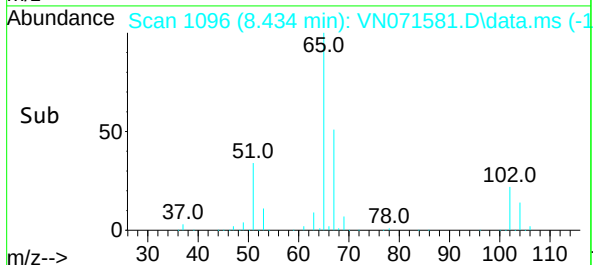
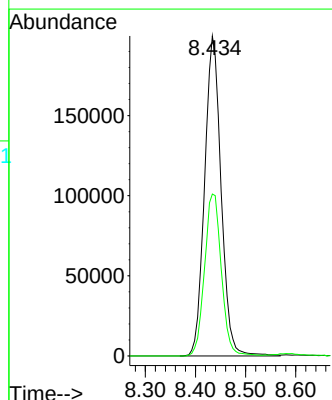
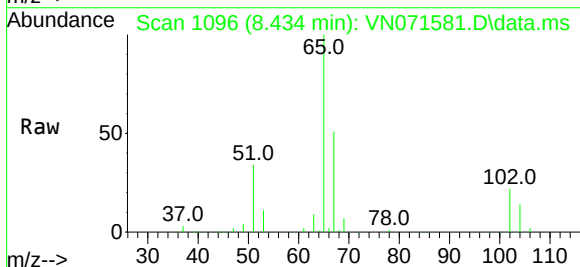
Instrument :
MSVOA_N
ClientSampleId :
MW-12

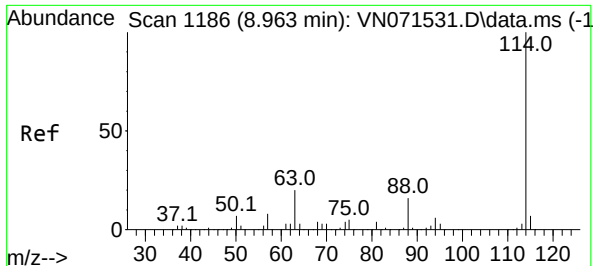
Tgt Ion: 56 Resp: 36824
Ion Ratio Lower Upper
56 100
69 97.1 27.8 41.8#
84 99.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.207 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion: 65 Resp: 457795
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

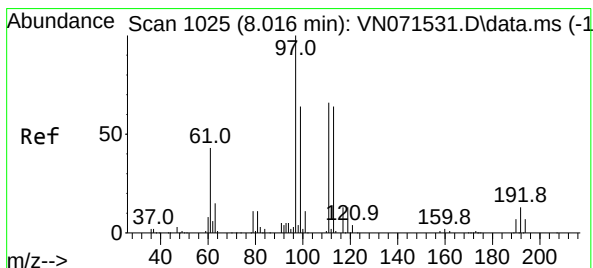
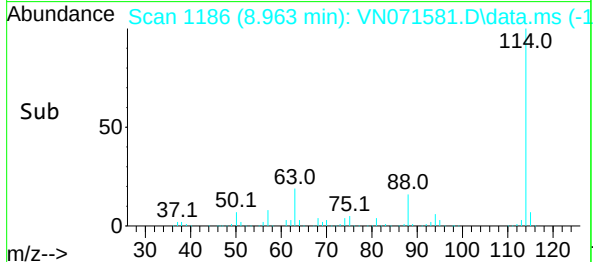
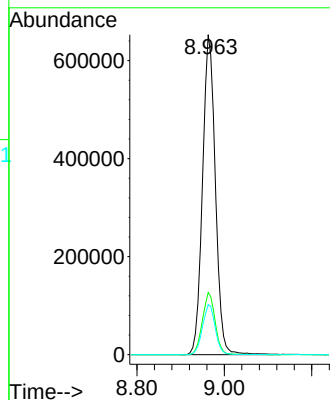
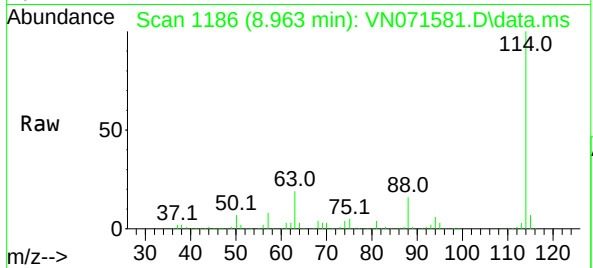




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

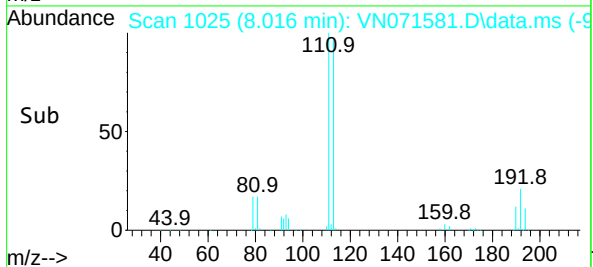
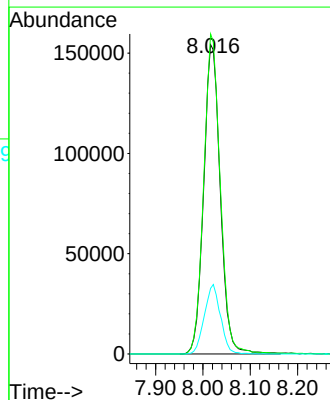
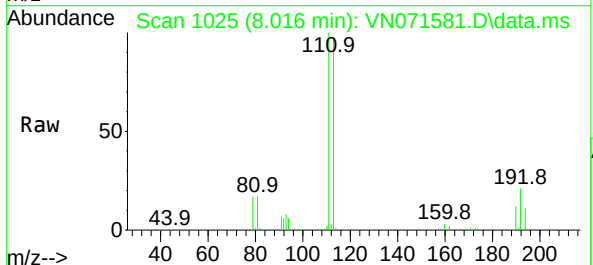
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MSVOA_N
ClientSampleId :
MW-12

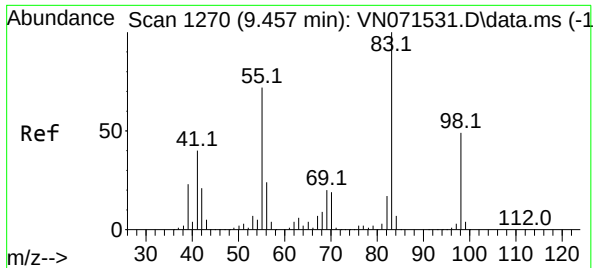
Tgt Ion:114 Resp: 1337408
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 44.719 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion:113 Resp: 375873
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.8 17.0 25.6

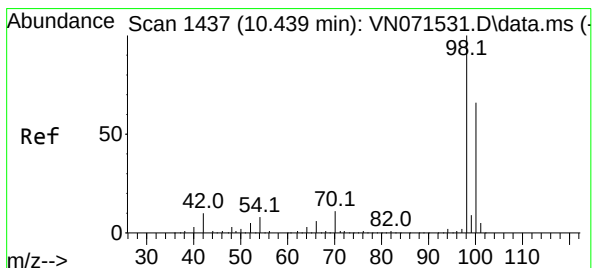
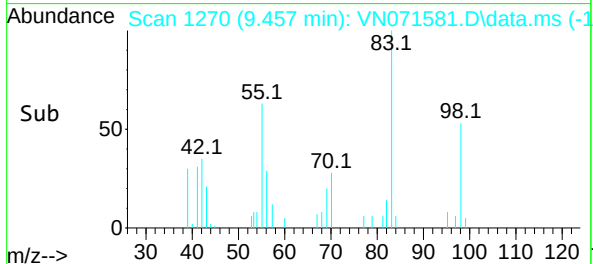
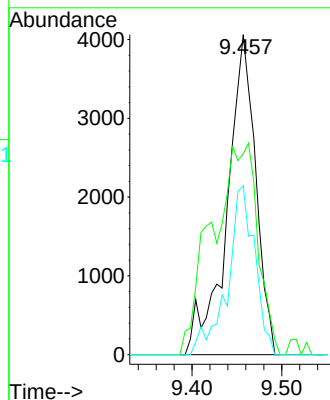
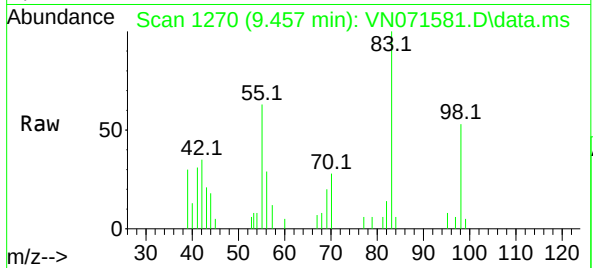




#39
Methylcyclohexane
Concen: 0.604 ug/l
RT: 9.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

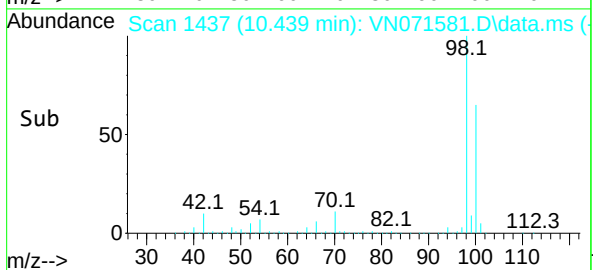
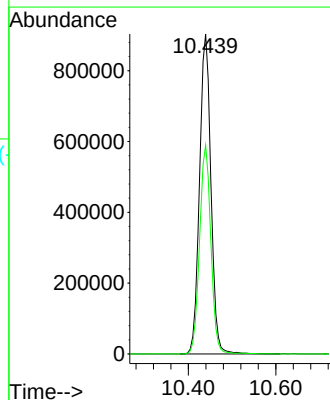
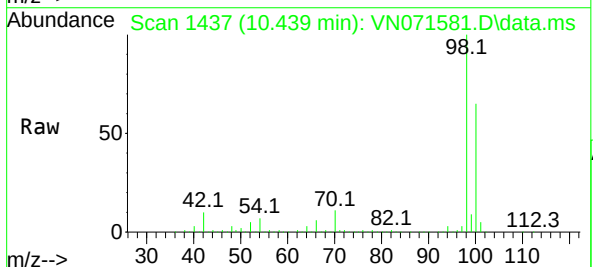
Instrument :
MSVOA_N
ClientSampleId :
MW-12

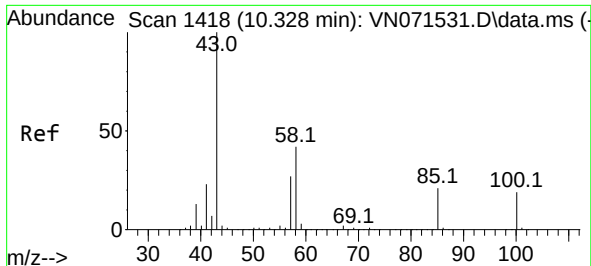
Tgt Ion: 83 Resp: 8983
Ion Ratio Lower Upper
83 100
55 62.8 57.8 86.8
98 52.8 39.4 59.2



#50
Toluene-d8
Concen: 48.373 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion: 98 Resp: 1639971
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.403 ug/l

RT: 10.328 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN071581.D

Acq: 26 Mar 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

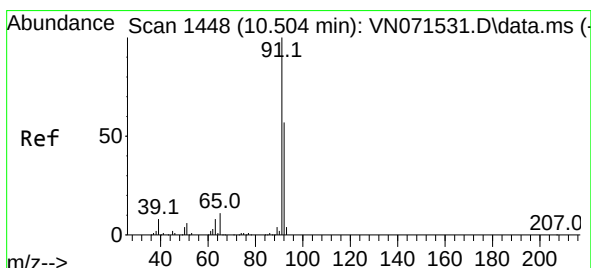
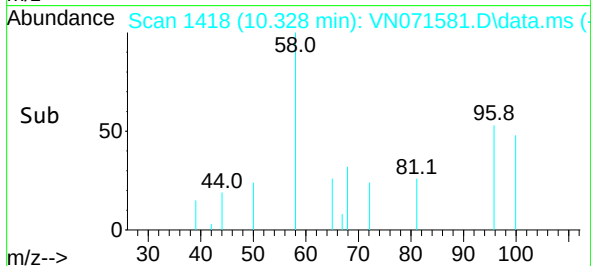
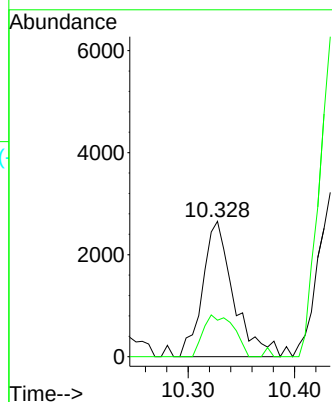
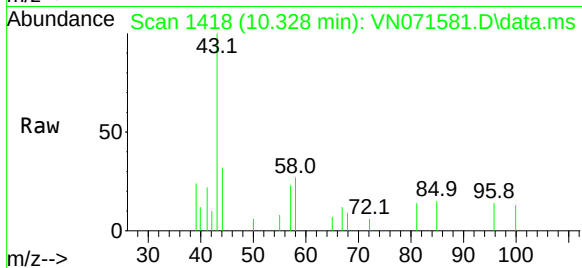
MW-12

Tgt Ion: 43 Resp: 5329

Ion Ratio Lower Upper

43 100

58 30.6 34.1 51.1#



#52

Toluene

Concen: 0.982 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN071581.D

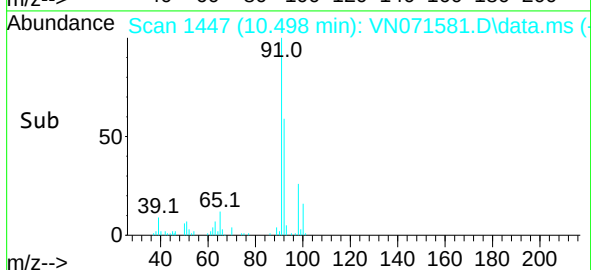
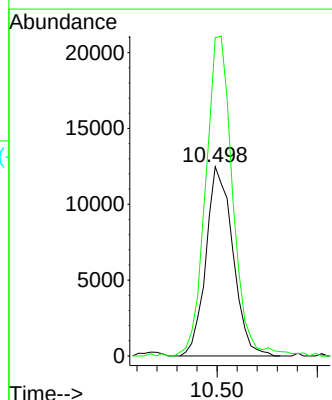
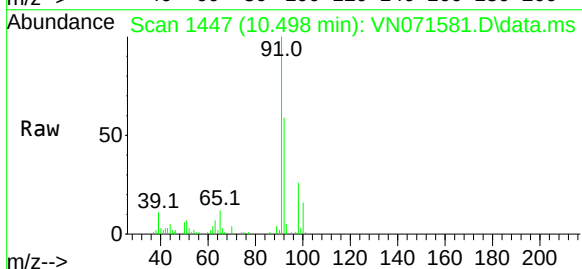
Acq: 26 Mar 2022 18:38

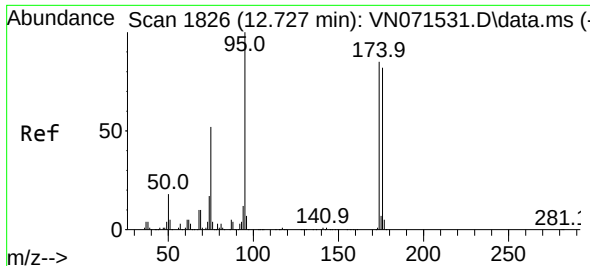
Tgt Ion: 92 Resp: 23180

Ion Ratio Lower Upper

92 100

91 170.6 138.6 207.8

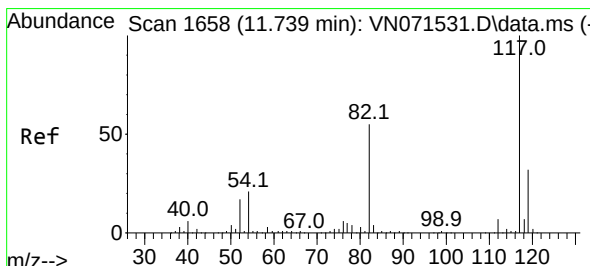
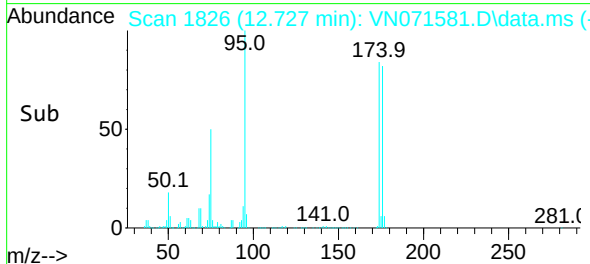
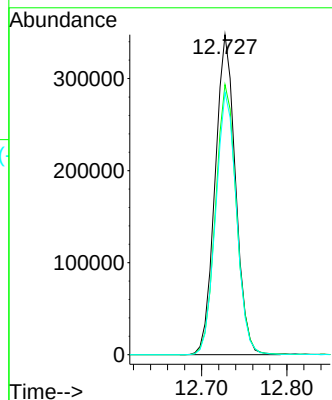
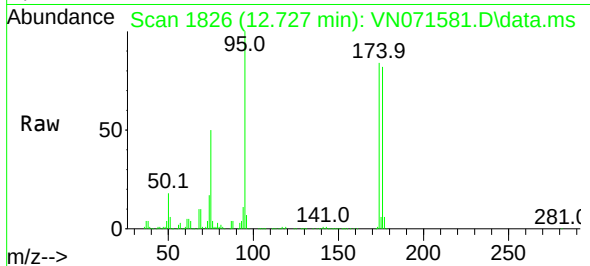




#62
4-Bromofluorobenzene
Concen: 52.064 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

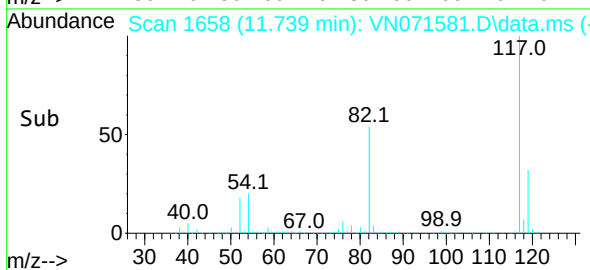
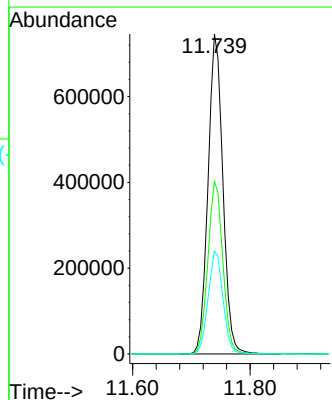
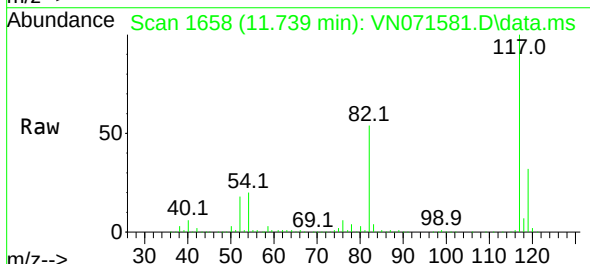
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ClientSampleId :
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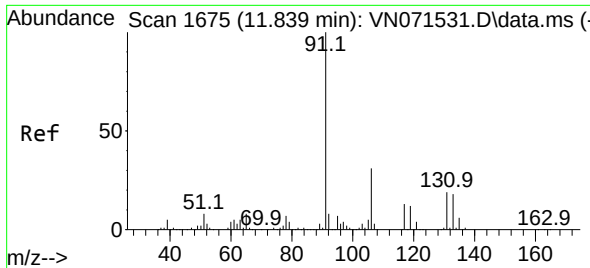
Tgt Ion: 95 Resp: 578363
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 83.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion: 117 Resp: 1306880
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.2 25.4 38.0

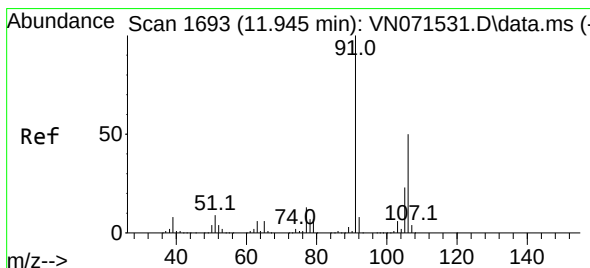
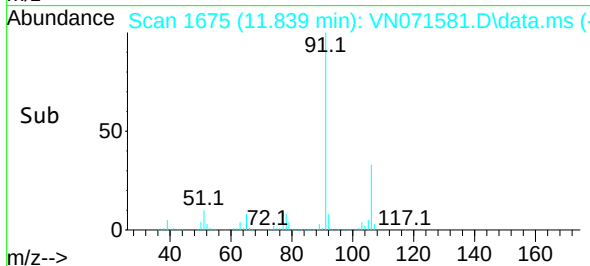
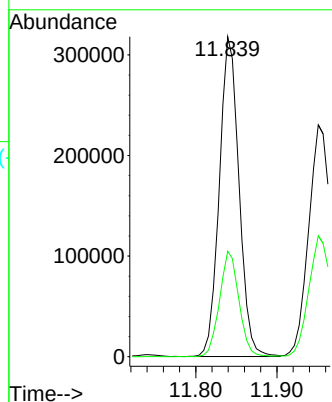
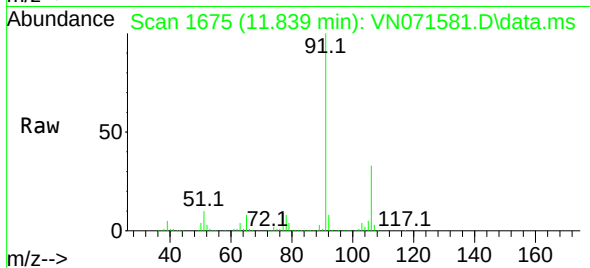




#67
Ethyl Benzene
Concen: 11.250 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

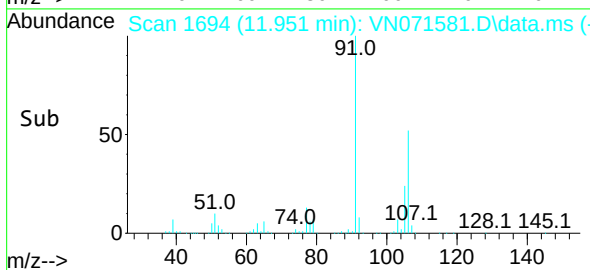
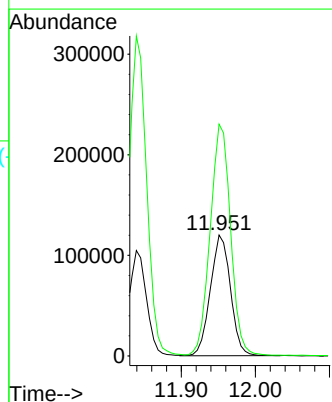
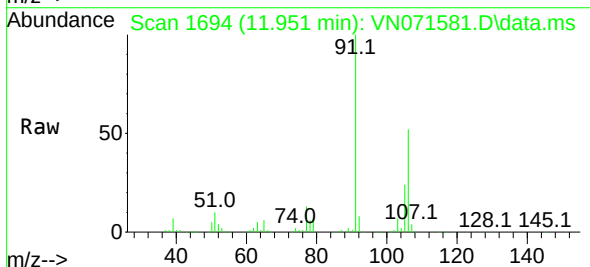
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MSVOA_N
ClientSampleId :
MW-12

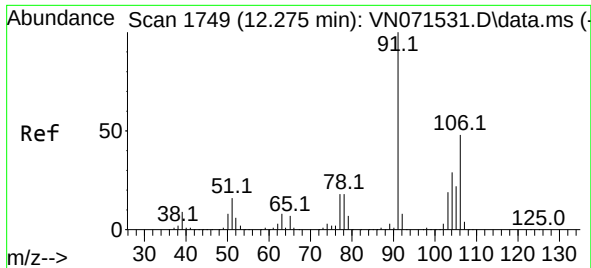
Tgt Ion: 91 Resp: 535523
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3



#68
m/p-Xylenes
Concen: 12.432 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion:106 Resp: 226434
Ion Ratio Lower Upper
106 100
91 193.9 158.9 238.3

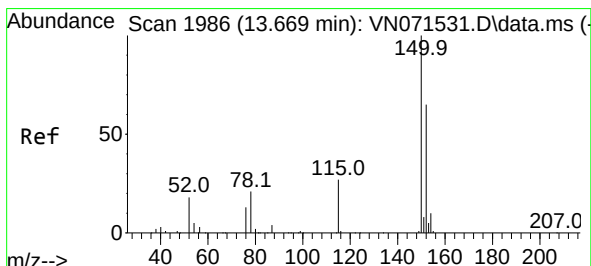
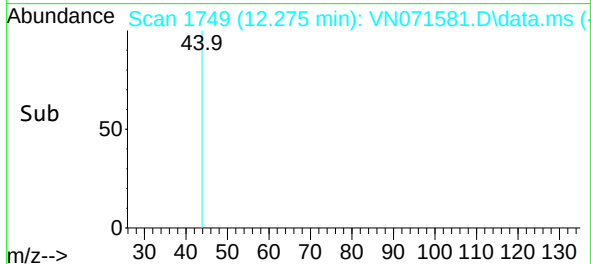
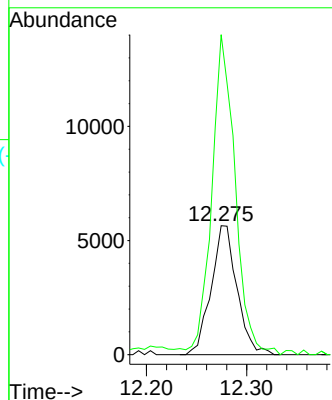
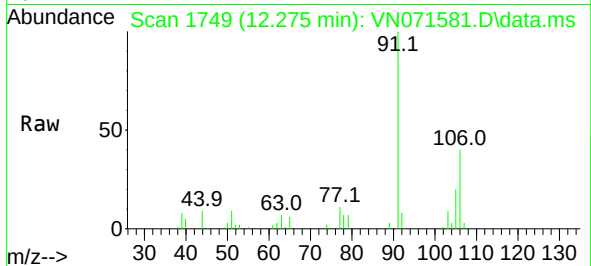




#69
o-Xylene
Concen: 0.560 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

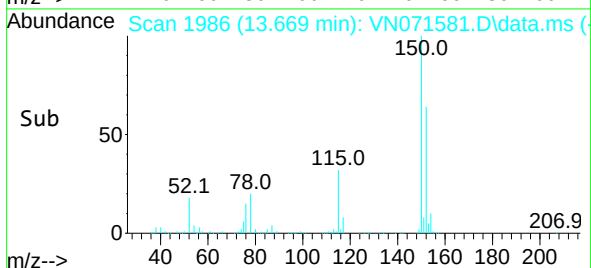
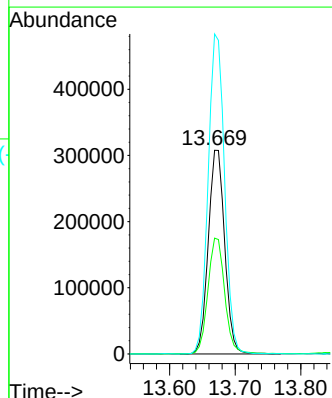
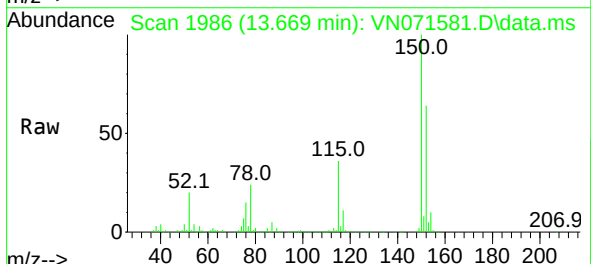
Instrument :
MSVOA_N
ClientSampleId :
MW-12

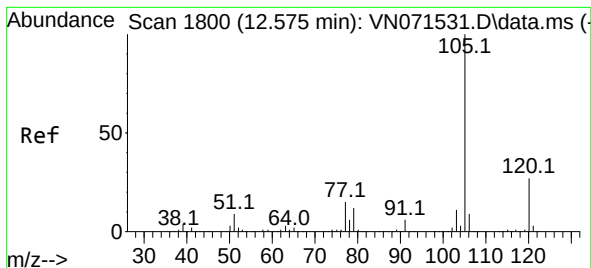
Tgt Ion:106 Resp: 10141
Ion Ratio Lower Upper
106 100
91 223.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Tgt Ion:152 Resp: 537573
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 156.7 0.0 356.2





#73

Isopropylbenzene

Concen: 1.243 ug/l

RT: 12.575 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN071581.D

Acq: 26 Mar 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

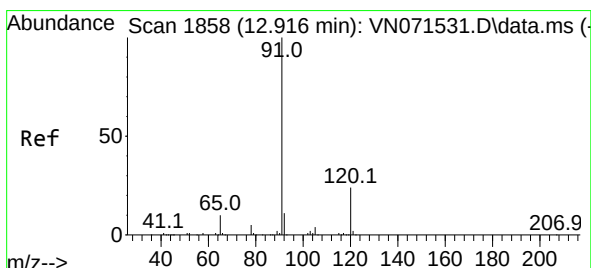
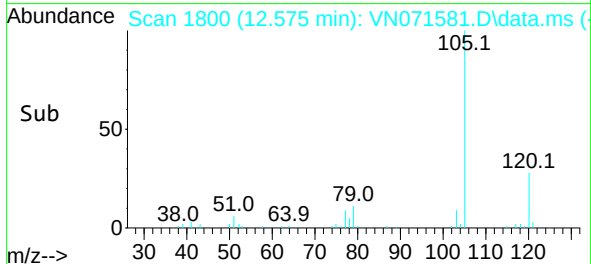
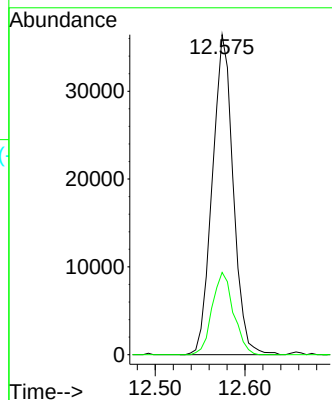
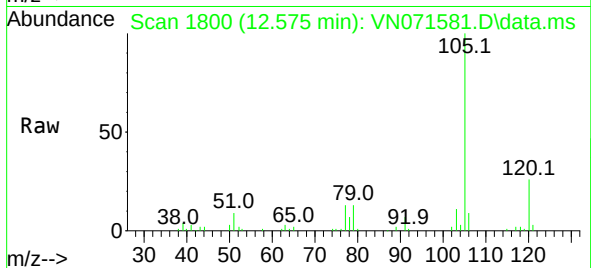
MW-12

Tgt Ion:105 Resp: 58895

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#78

n-propylbenzene

Concen: 2.687 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN071581.D

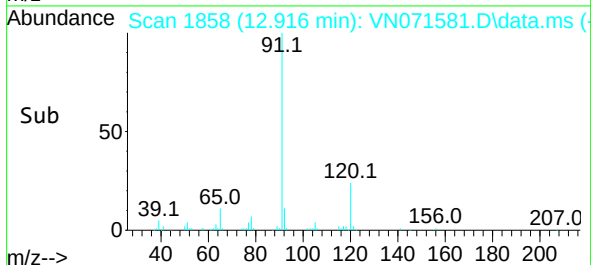
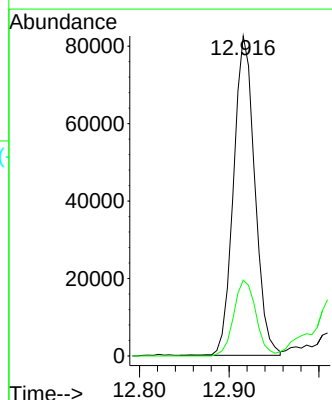
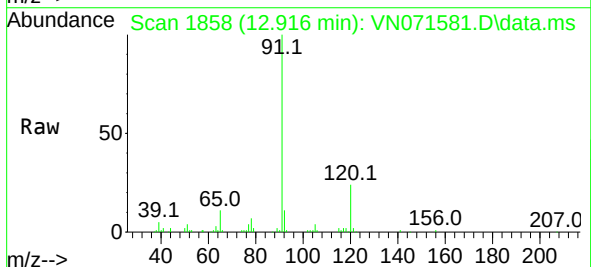
Acq: 26 Mar 2022 18:38

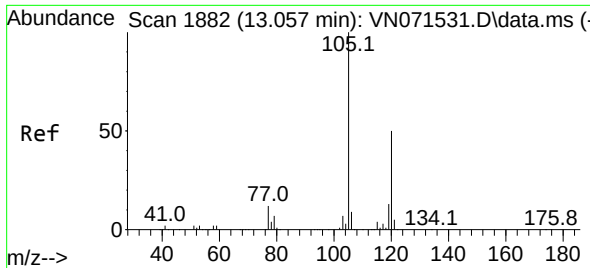
Tgt Ion: 91 Resp: 135479

Ion Ratio Lower Upper

91 100

120 24.7 11.9 35.5

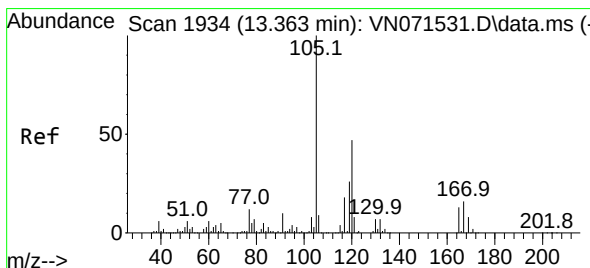
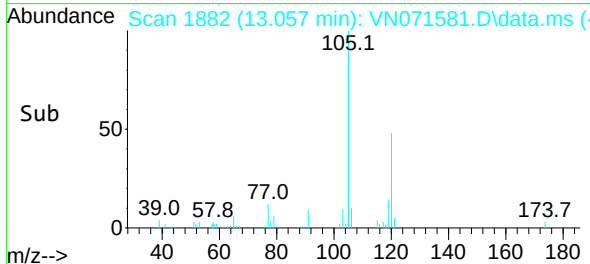
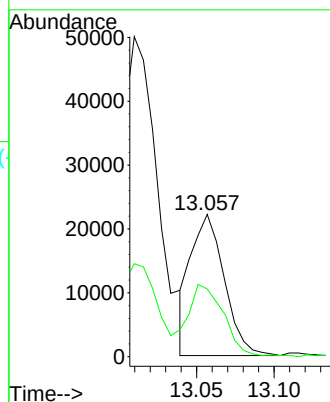
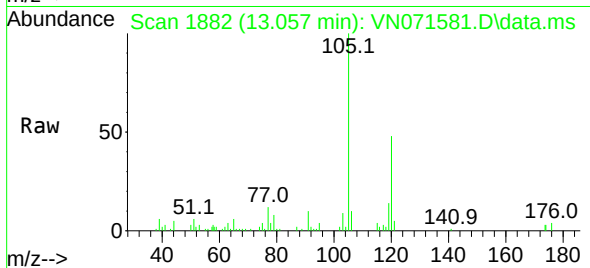




#80
 1,3,5-Trimethylbenzene
 Concen: 0.888 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: VN071581.D
 Acq: 26 Mar 2022 18:38

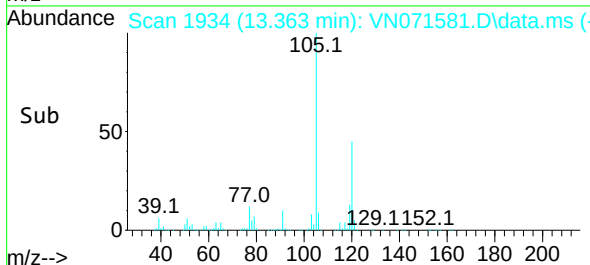
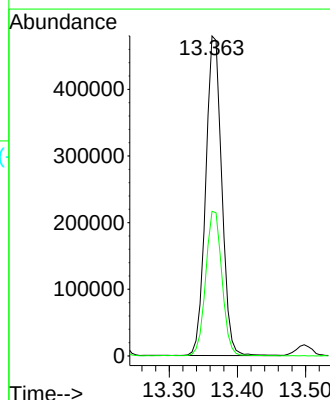
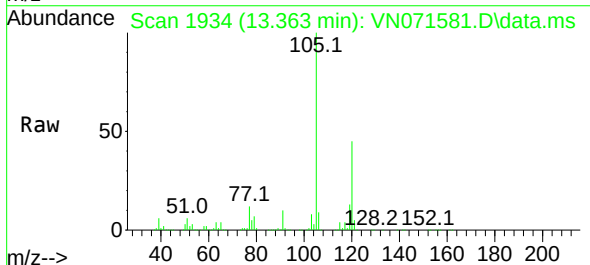
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

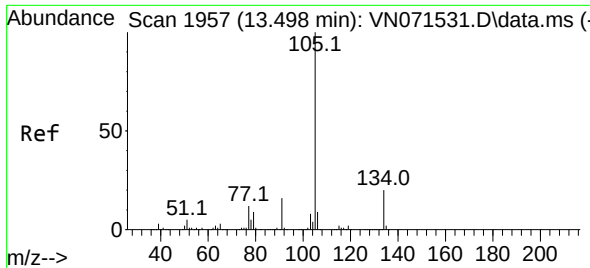
Tgt Ion:105 Resp: 33237
 Ion Ratio Lower Upper
 105 100
 120 55.9 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.724 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: VN071581.D
 Acq: 26 Mar 2022 18:38

Tgt Ion:105 Resp: 784259
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.8

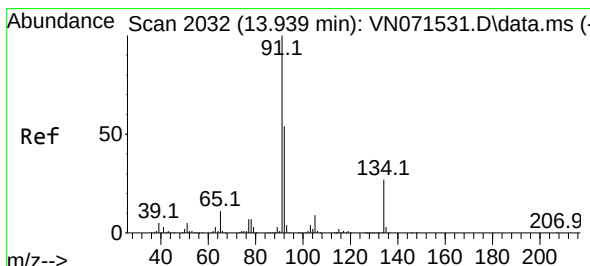
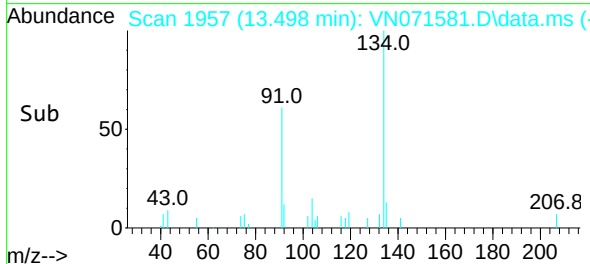
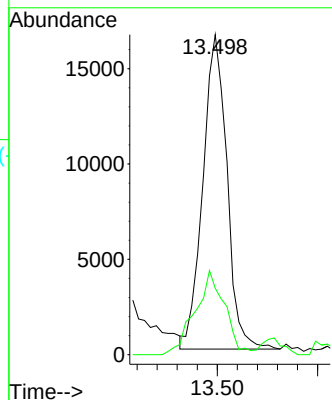
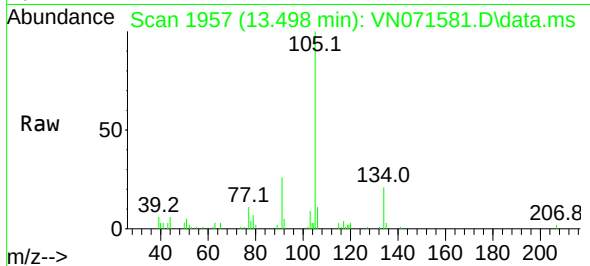




#85
 sec-Butylbenzene
 Concen: 0.616 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071581.D
 Acq: 26 Mar 2022 18:38

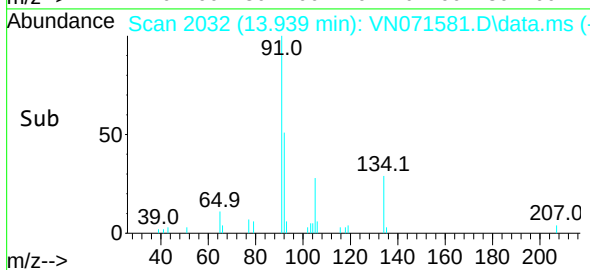
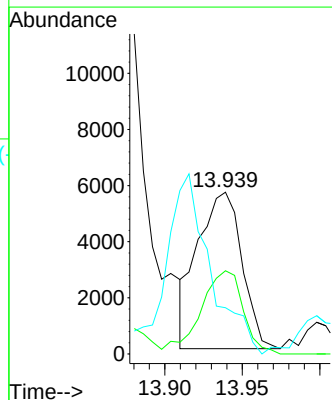
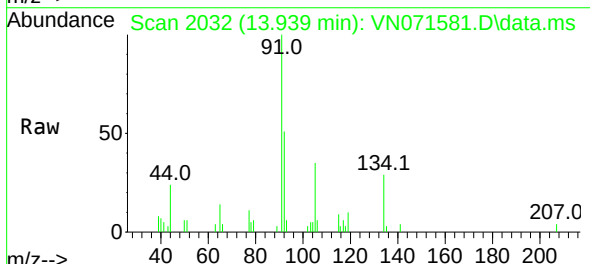
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

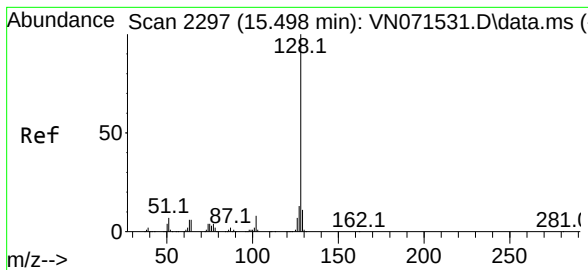
Tgt Ion:105 Resp: 27577
 Ion Ratio Lower Upper
 105 100
 134 32.7 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.404 ug/l
 RT: 13.939 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VN071581.D
 Acq: 26 Mar 2022 18:38

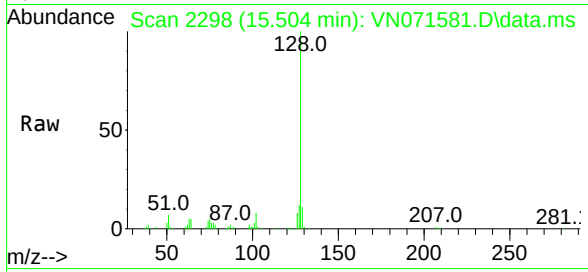
Tgt Ion: 91 Resp: 11051
 Ion Ratio Lower Upper
 91 100
 92 50.9 26.9 80.7
 134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 14.367 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071581.D
Acq: 26 Mar 2022 18:38

Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:	128	Resp:	326106
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.0	8.6	13.0

