

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071577.D
 Acq On : 26 Mar 2022 17:01
 Operator : JC\MD
 Sample : N2131-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Mar 28 02:19:04 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)

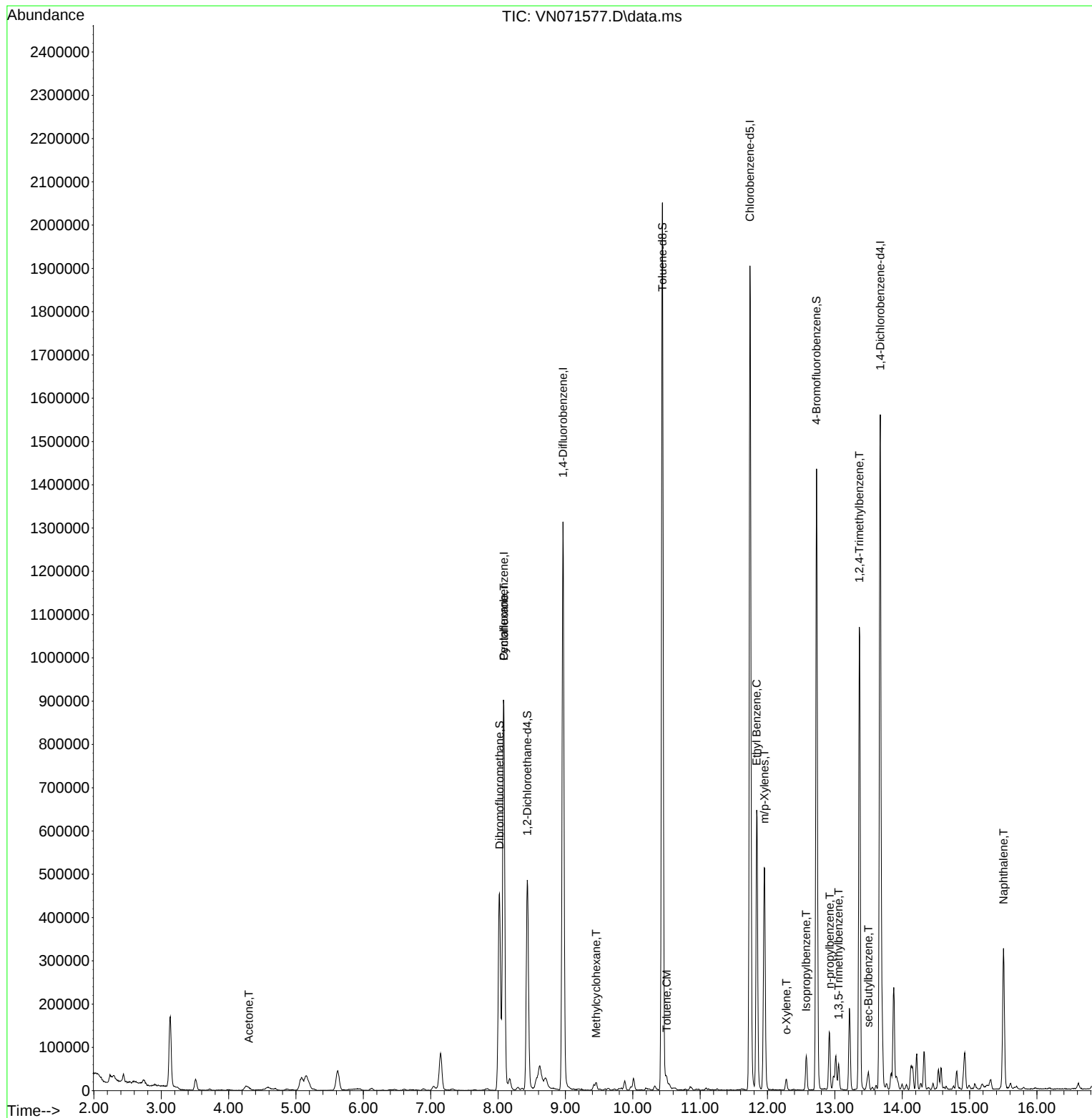
Internal Standards						
1) Pentafluorobenzene	8.086	168	717308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1195794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1165600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	450287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	415838	46.661	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.320%
35) Dibromofluoromethane	8.022	113	342222	45.537	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.080%
50) Toluene-d8	10.439	98	1464446	48.311	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.727	95	499637	50.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
16) Acetone	4.298	43	13981	3.827	ug/l	95
31) Cyclohexane	8.086	56	31836	2.496	ug/l #	55
39) Methylcyclohexane	9.457	83	7831	0.589	ug/l #	88
52) Toluene	10.504	92	9252	0.438	ug/l	97
67) Ethyl Benzene	11.839	91	481786	11.348	ug/l	96
68) m/p-Xylenes	11.957	106	179389	11.043	ug/l	99
69) o-Xylene	12.280	106	6704	0.415	ug/l	81
73) Isopropylbenzene	12.574	105	51830	1.306	ug/l	99
78) n-propylbenzene	12.921	91	111251	2.634	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	28140	0.898	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	639143	21.136	ug/l	99
85) sec-Butylbenzene	13.498	105	27248	0.727	ug/l	84
95) Naphthalene	15.504	128	318656	16.225	ug/l	100

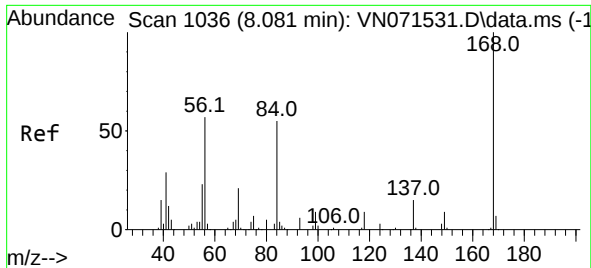
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
Data File : VN071577.D
Acq On : 26 Mar 2022 17:01
Operator : JC\MD
Sample : N2131-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Time: Mar 28 02:19:04 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

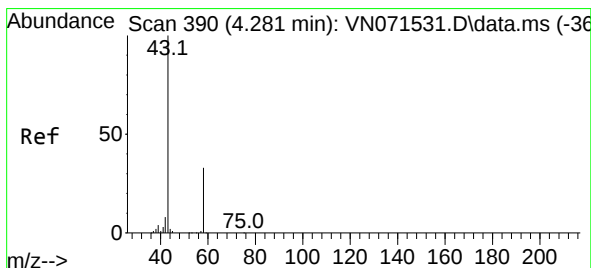
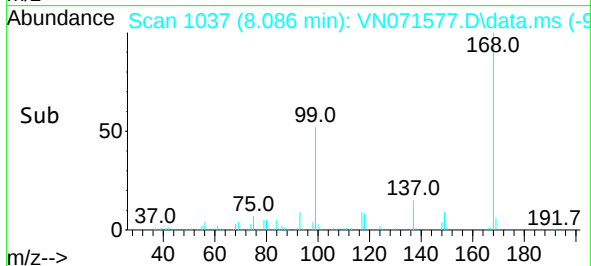
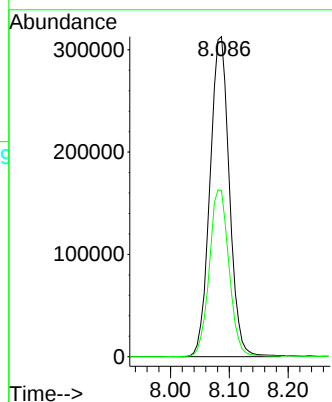
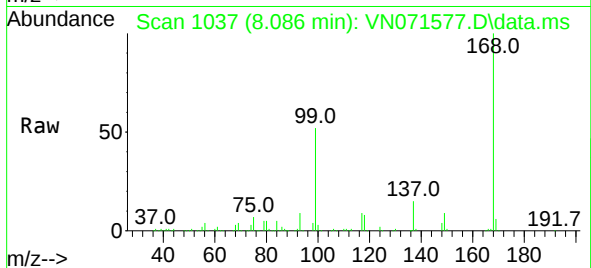




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

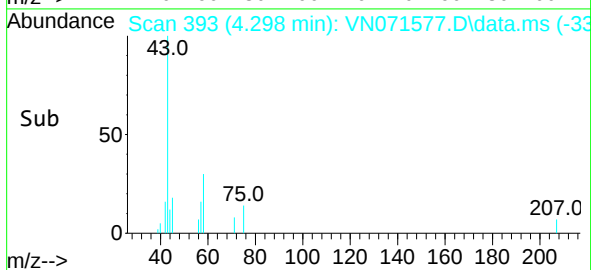
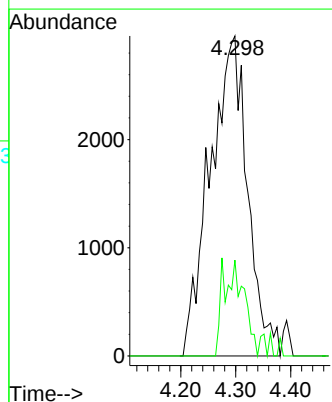
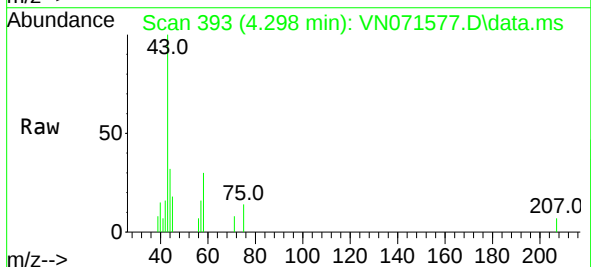
Instrument :
MSVOA_N
ClientSampleId :
MW-1

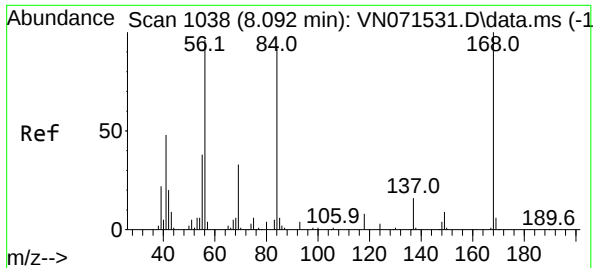
Tgt Ion:168 Resp: 717308
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#16
Acetone
Concen: 3.827 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion: 43 Resp: 13981
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

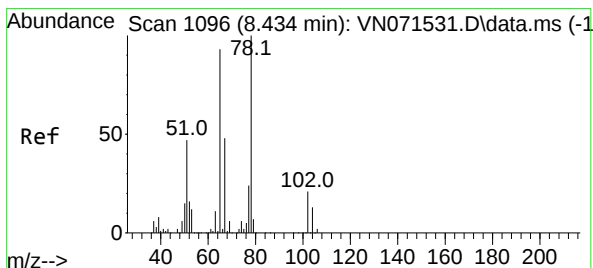
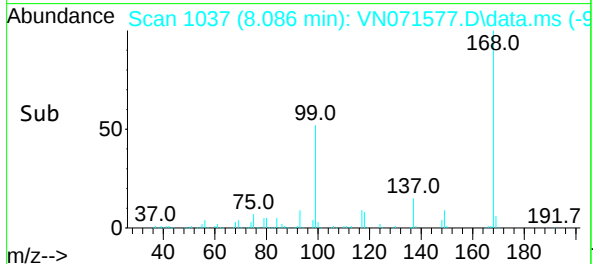
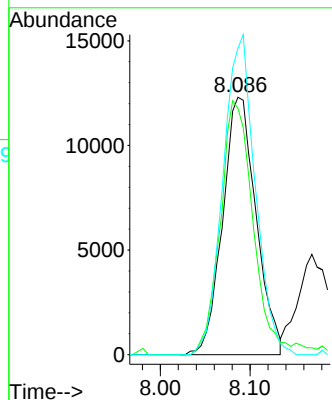
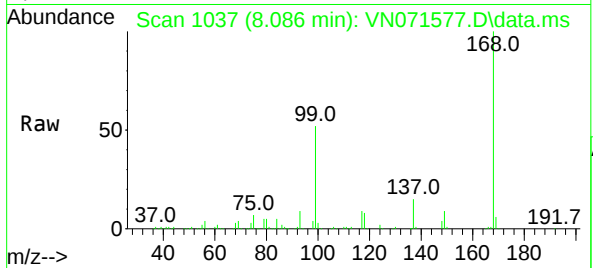




#31
Cyclohexane
Concen: 2.496 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

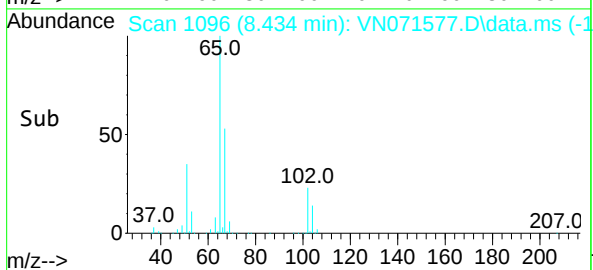
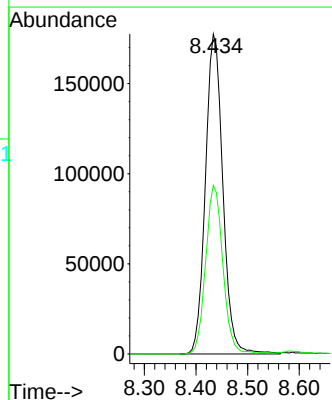
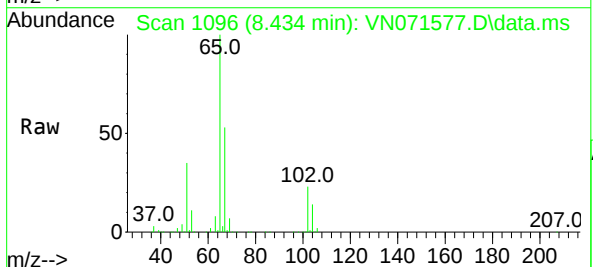
Instrument :
MSVOA_N
ClientSampleId :
MW-1

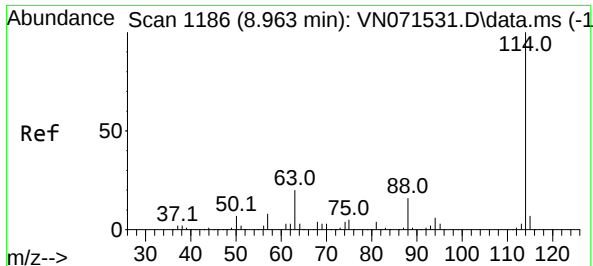
Tgt Ion: 56 Resp: 31836
Ion Ratio Lower Upper
56 100
69 95.7 27.8 41.8#
84 119.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.661 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion: 65 Resp: 415838
Ion Ratio Lower Upper
65 100
67 52.1 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: VN071577.D

Acq: 26 Mar 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

MW-1

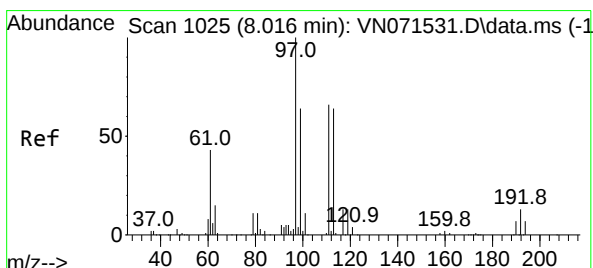
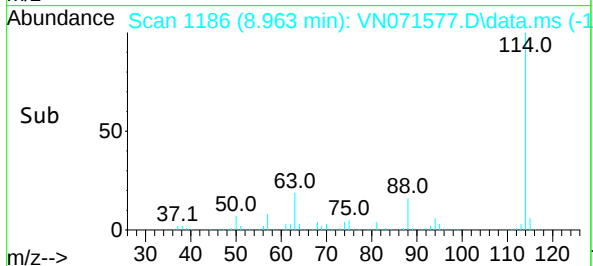
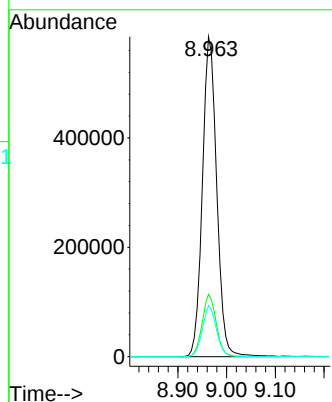
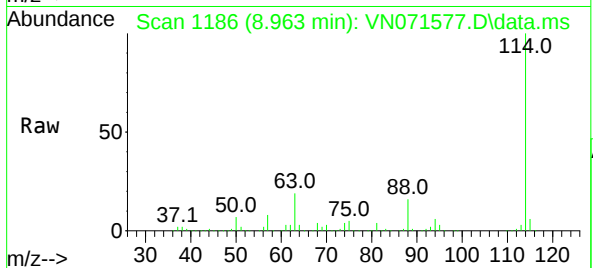
Tgt Ion:114 Resp: 1195794

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.537 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071577.D

Acq: 26 Mar 2022 17:01

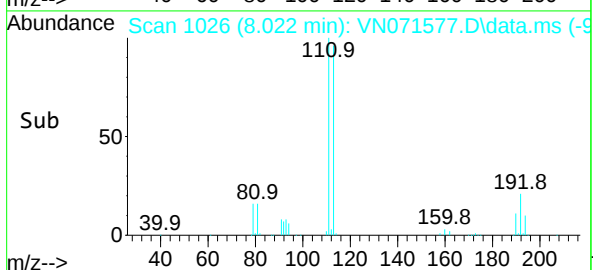
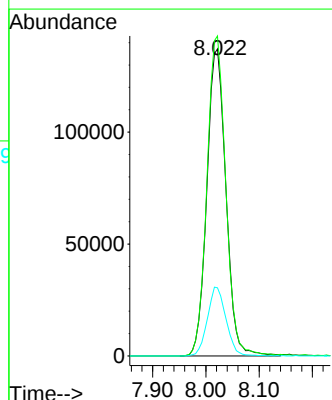
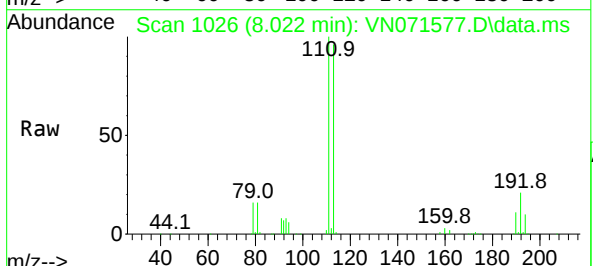
Tgt Ion:113 Resp: 342222

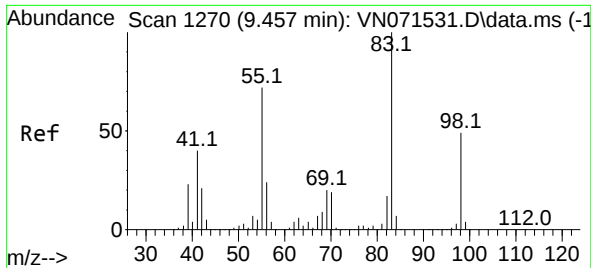
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 21.9 17.0 25.6





#39

Methylcyclohexane

Concen: 0.589 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071577.D

Acq: 26 Mar 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

MW-1

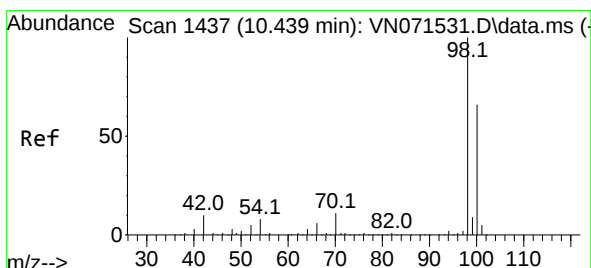
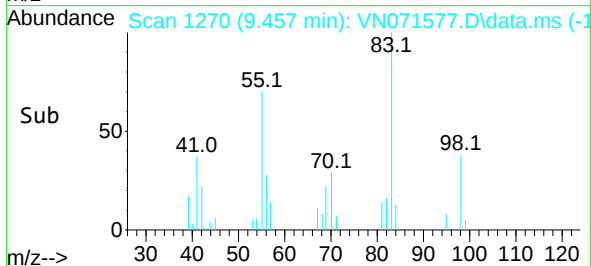
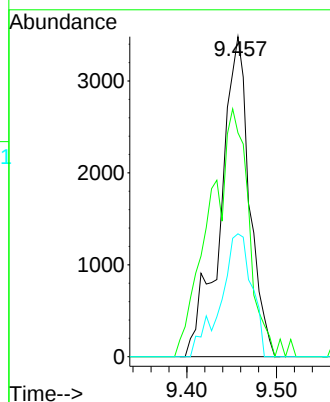
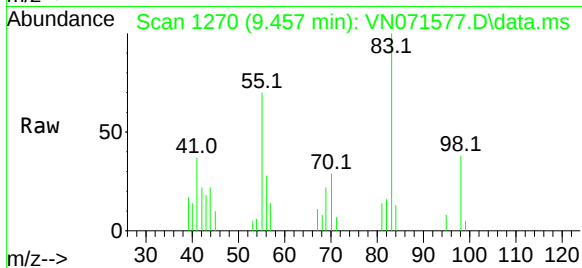
Tgt Ion: 83 Resp: 7831

Ion Ratio Lower Upper

83 100

55 64.7 57.8 86.8

98 38.4 39.4 59.2#



#50

Toluene-d8

Concen: 48.311 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VN071577.D

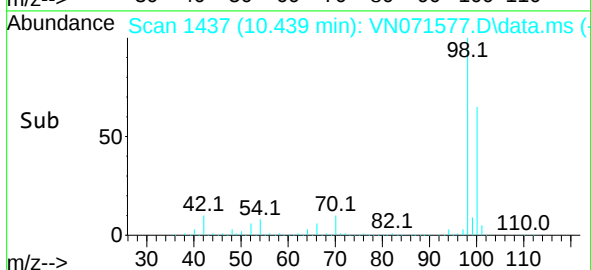
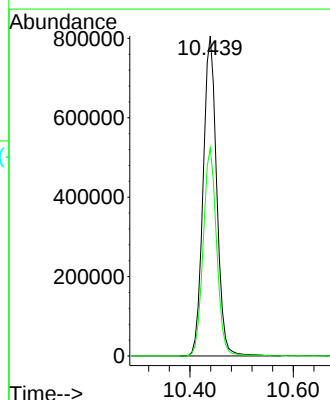
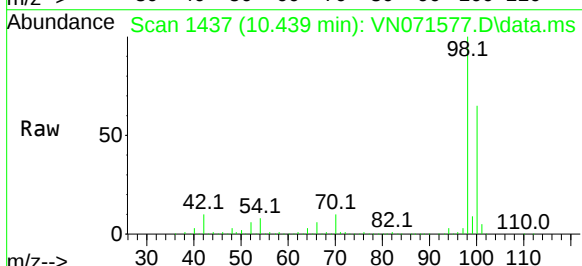
Acq: 26 Mar 2022 17:01

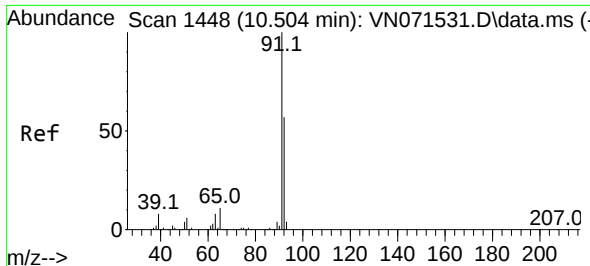
Tgt Ion: 98 Resp: 1464446

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

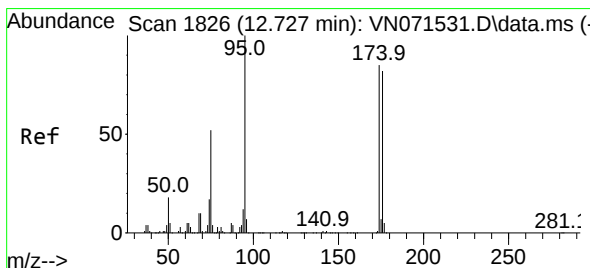
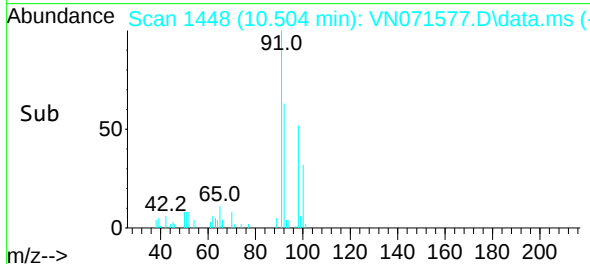
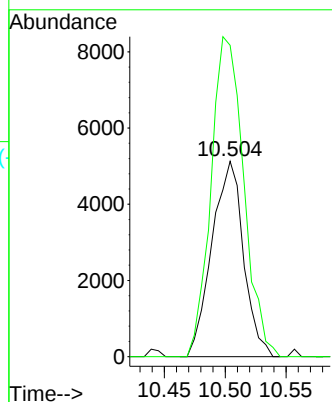
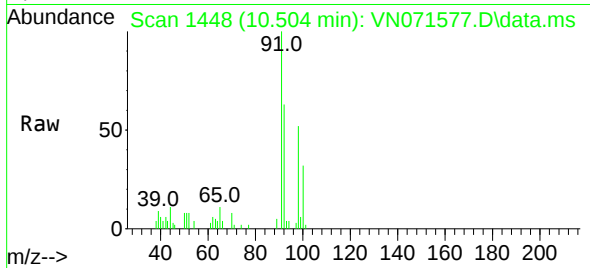




#52
Toluene
Concen: 0.438 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

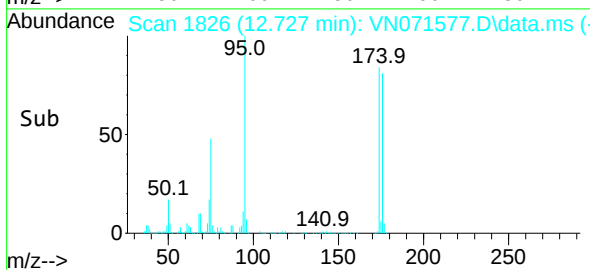
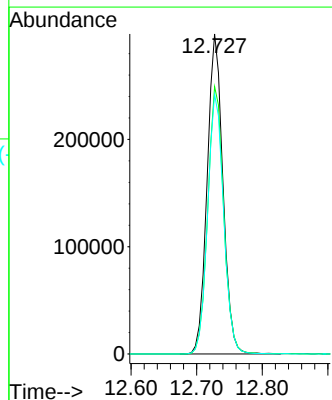
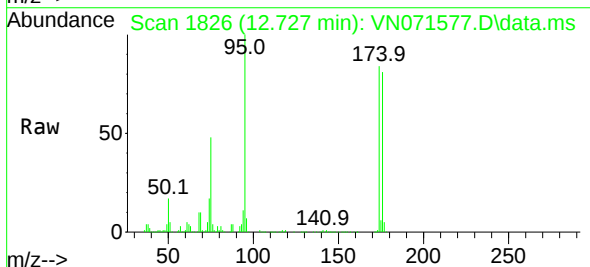
Instrument :
MSVOA_N
ClientSampleId :
MW-1

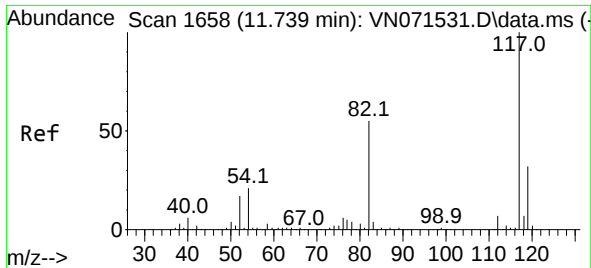
Tgt Ion: 92 Resp: 9252
Ion Ratio Lower Upper
92 100
91 169.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 50.304 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion: 95 Resp: 499637
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 82.2 0.0 163.4

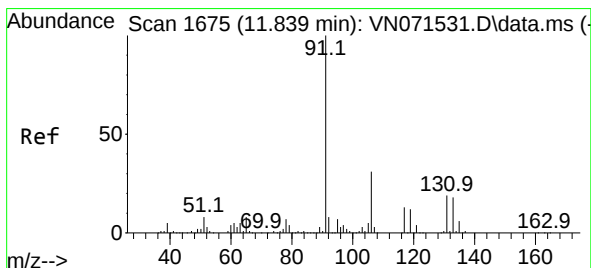
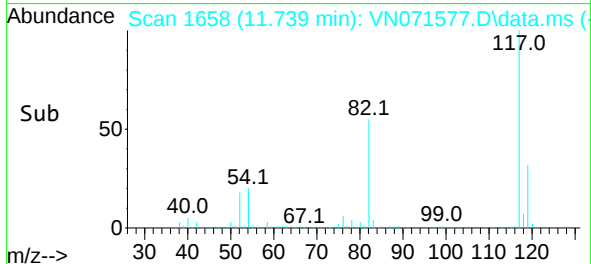
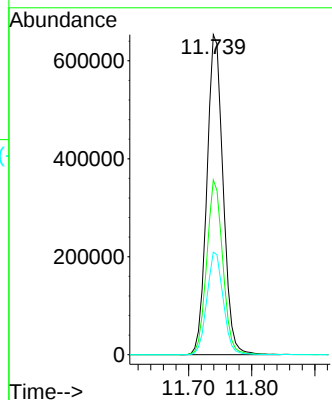
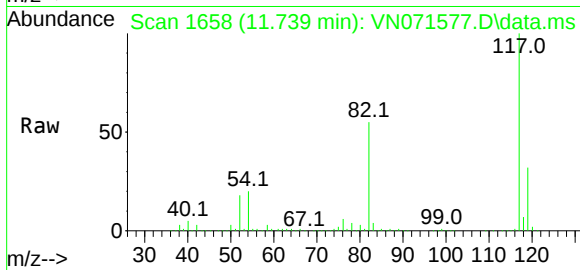




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

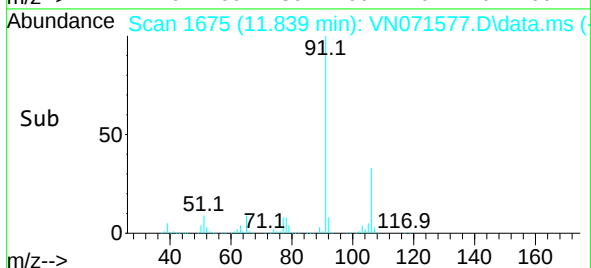
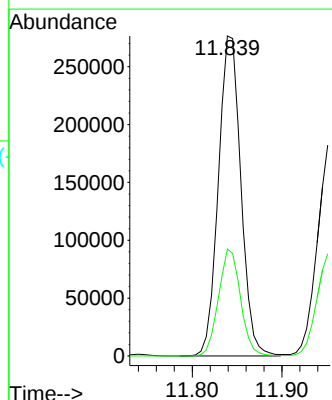
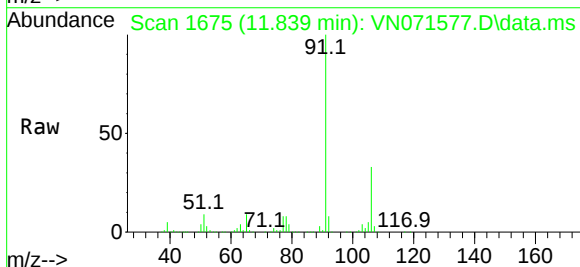
Instrument :
MSVOA_N
ClientSampleId :
MW-1

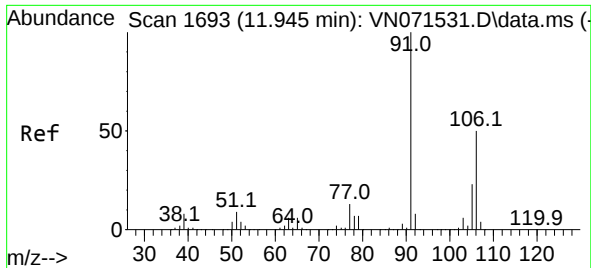
Tgt Ion:117 Resp: 1165600
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 11.348 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion: 91 Resp: 481786
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3

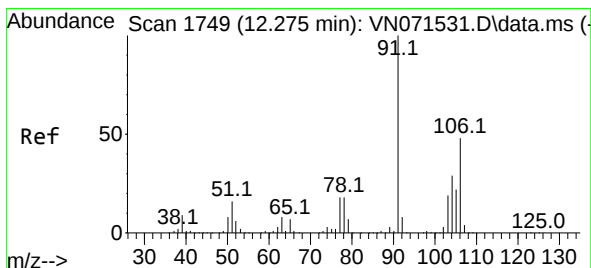
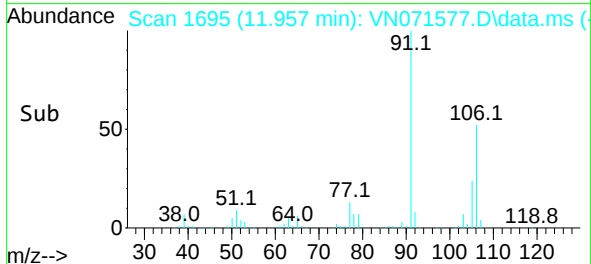
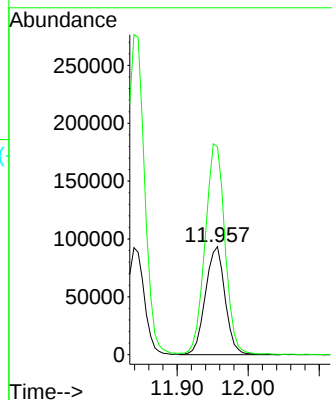
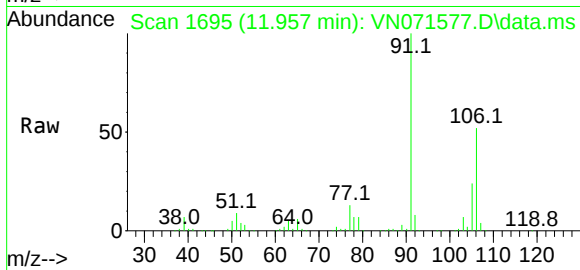




#68
m/p-Xylenes
Concen: 11.043 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

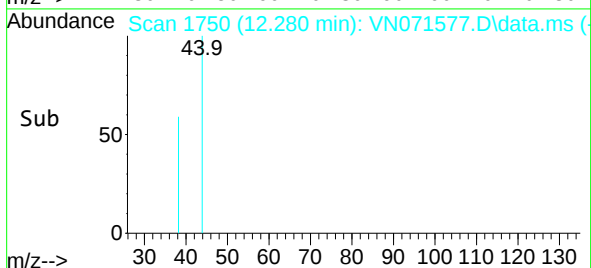
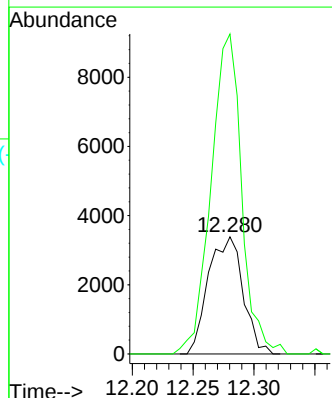
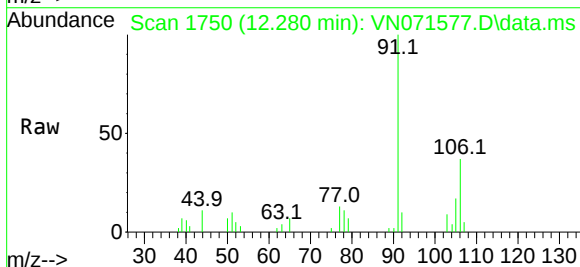
Instrument :
MSVOA_N
ClientSampleId :
MW-1

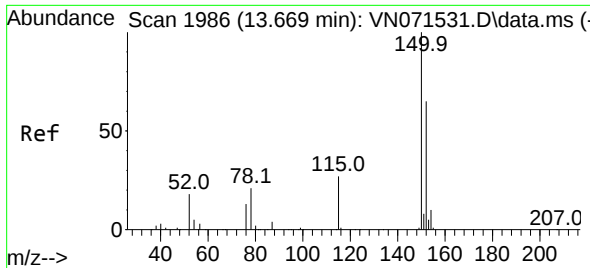
Tgt Ion:106 Resp: 179389
Ion Ratio Lower Upper
106 100
91 197.5 158.9 238.3



#69
o-Xylene
Concen: 0.415 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion:106 Resp: 6704
Ion Ratio Lower Upper
106 100
91 241.2 106.0 318.0

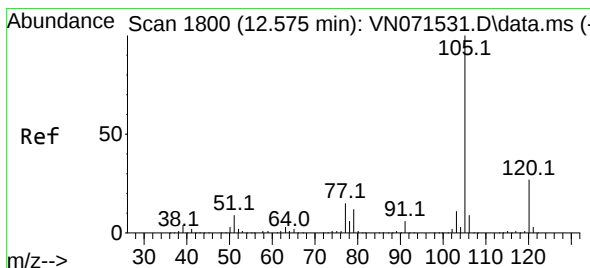
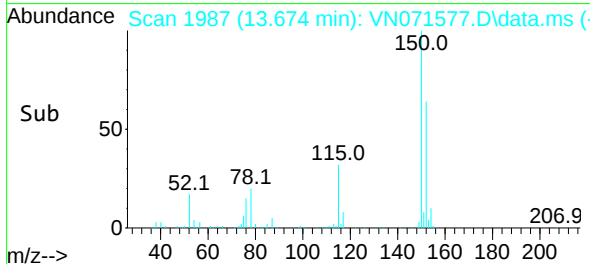
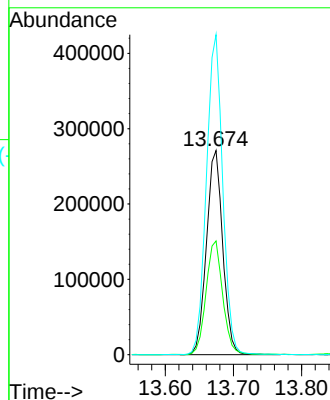
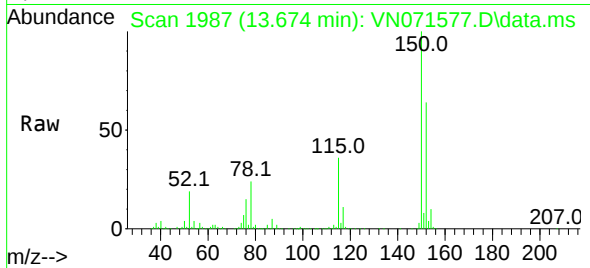




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

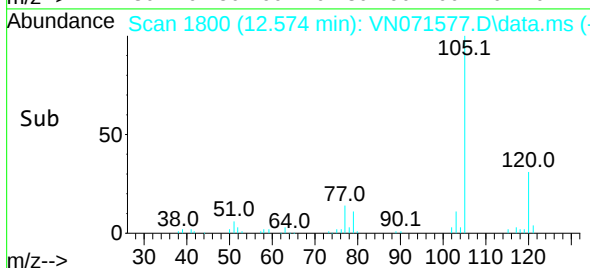
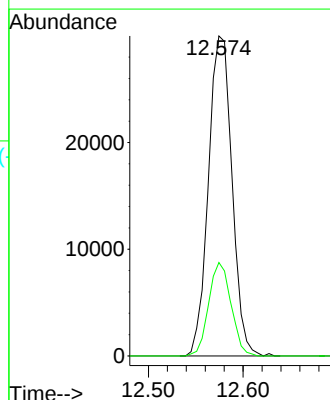
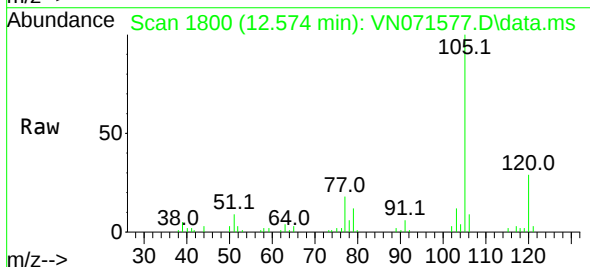
Instrument :
MSVOA_N
ClientSampleId :
MW-1

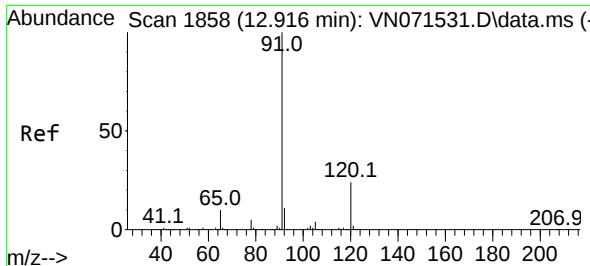
Tgt Ion:152 Resp: 450287
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 156.7 0.0 356.2



#73
Isopropylbenzene
Concen: 1.306 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion:105 Resp: 51830
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

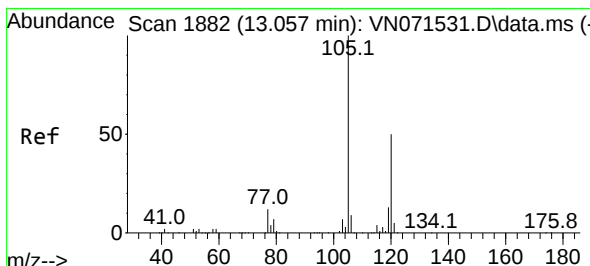
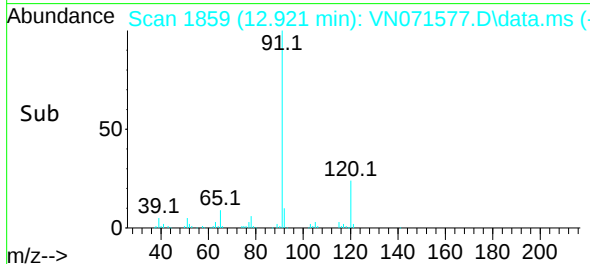
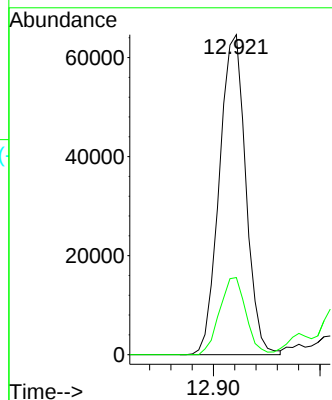
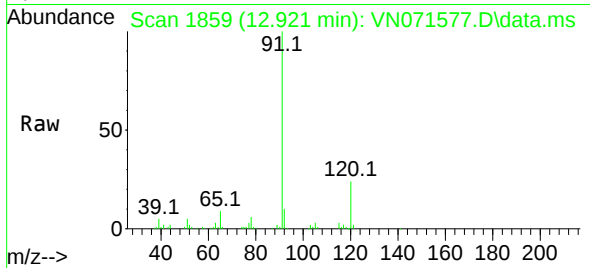




#78
n-propylbenzene
Concen: 2.634 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

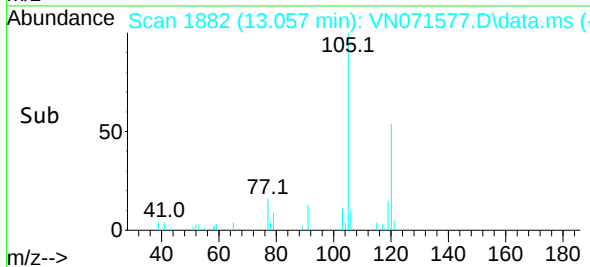
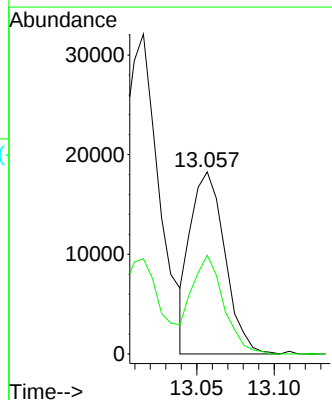
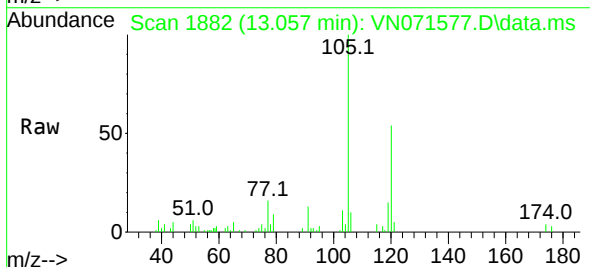
Instrument :
MSVOA_N
ClientSampleId :
MW-1

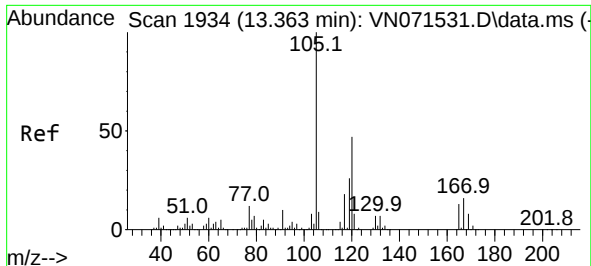
Tgt Ion: 91 Resp: 111251
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 0.898 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

Tgt Ion: 105 Resp: 28140
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

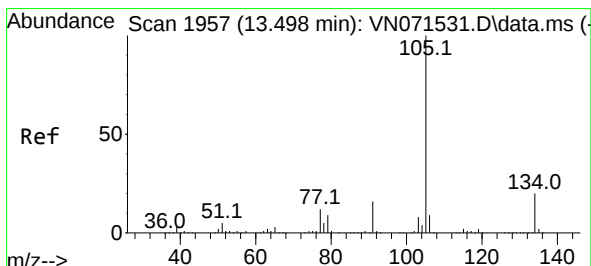
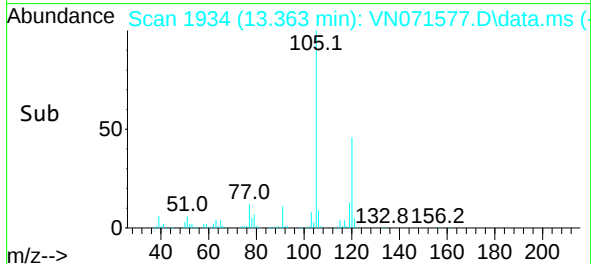
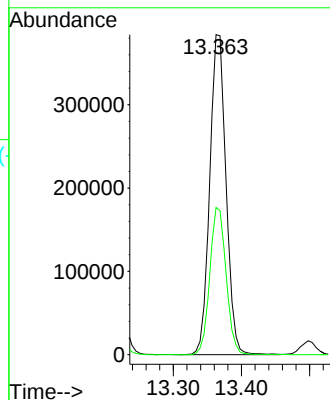
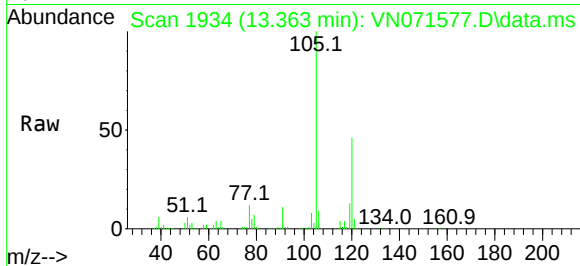




#84
1,2,4-Trimethylbenzene
Concen: 21.136 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

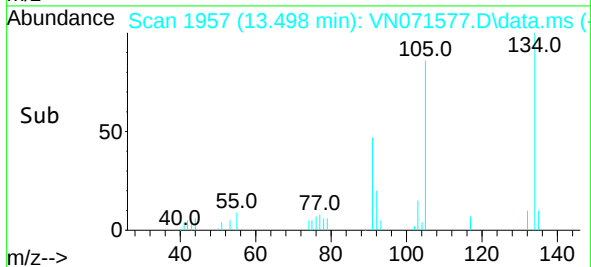
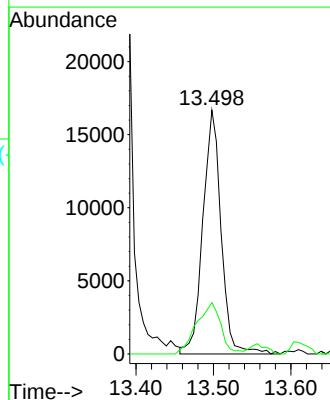
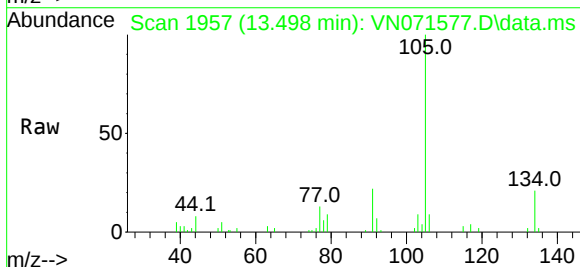
Instrument :
MSVOA_N
ClientSampleId :
MW-1

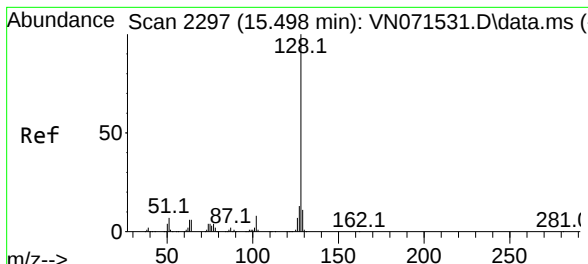
Tgt Ion:105 Resp: 639143
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.727 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071577.D
Acq: 26 Mar 2022 17:01

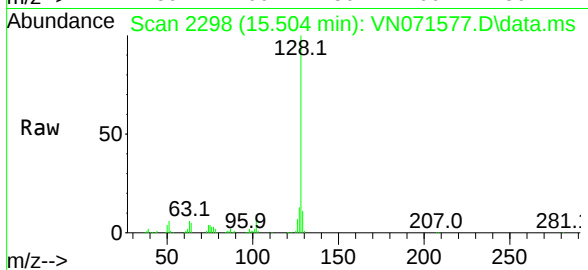
Tgt Ion:105 Resp: 27248
Ion Ratio Lower Upper
105 100
134 28.2 10.4 31.1





#95
 Naphthalene
 Concen: 16.225 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071577.D
 Acq: 26 Mar 2022 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion:	128	Resp:	318656
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0

