

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071601.D
 Acq On : 28 Mar 2022 13:25
 Operator : JC\MD
 Sample : N2131-04DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Mar 29 04:37:48 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)

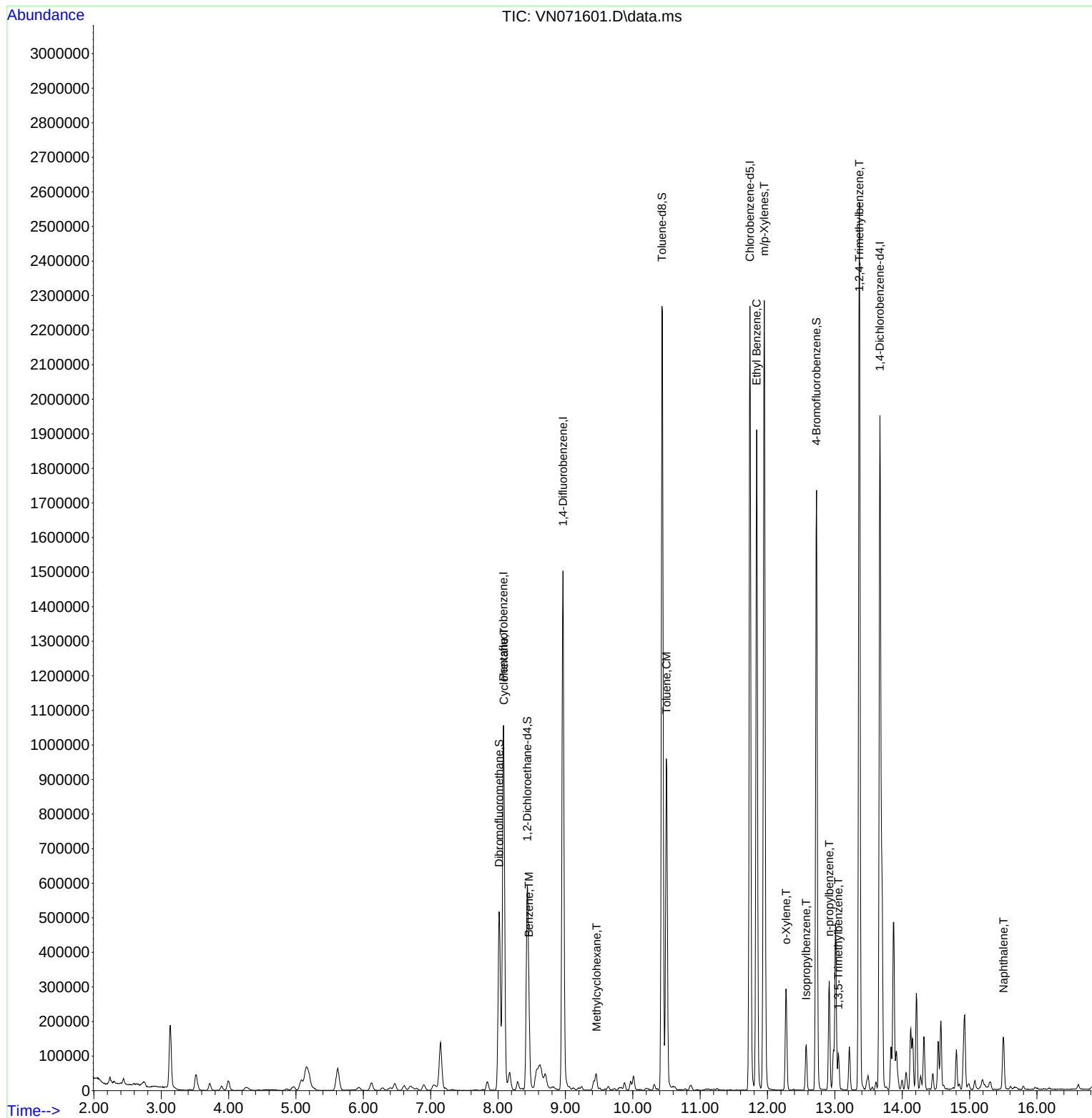
Internal Standards						
1) Pentafluorobenzene	8.081	168	821044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1355569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1356974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	559677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	459377	45.034	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.060%		
35) Dibromofluoromethane	8.016	113	387274	45.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.920%		
50) Toluene-d8	10.433	98	1674542	48.731	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.727	95	611614	54.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.640%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.086	56	47147	3.230	ug/l #	75
39) Methylcyclohexane	9.463	83	20427	1.355	ug/l	93
40) Benzene	8.457	78	167924	4.392	ug/l	96
52) Toluene	10.498	92	429748	17.958	ug/l	99
67) Ethyl Benzene	11.839	91	1409390	28.515	ug/l	99
68) m/p-Xylenes	11.951	106	756115	39.980	ug/l	98
69) o-Xylene	12.274	106	87211	4.642	ug/l	98
73) Isopropylbenzene	12.574	105	87161	1.766	ug/l	98
78) n-propylbenzene	12.916	91	253389	4.827	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	53354	1.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1507474	40.107	ug/l	99
95) Naphthalene	15.504	128	151390	8.188	ug/l	100

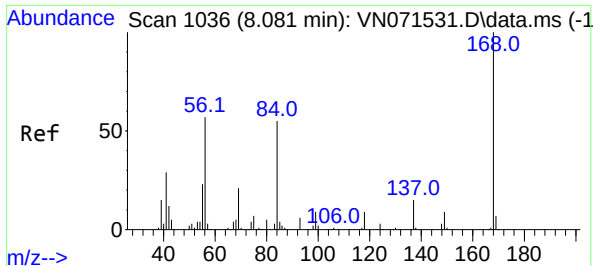
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
Data File : VN071601.D
Acq On : 28 Mar 2022 13:25
Operator : JC\MD
Sample : N2131-04DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Quant Time: Mar 29 04:37:48 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

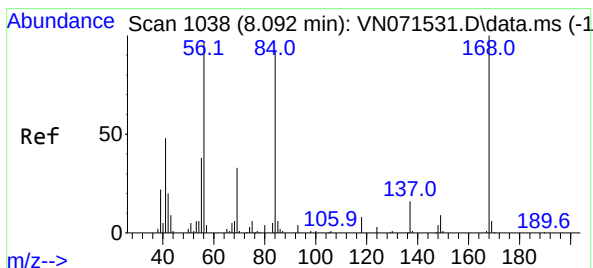
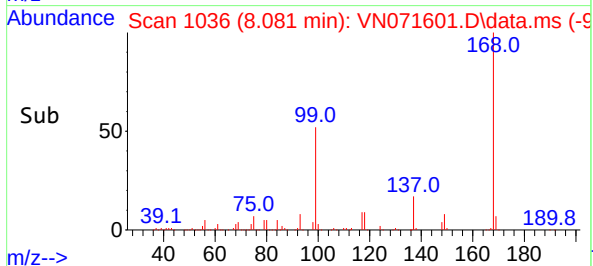
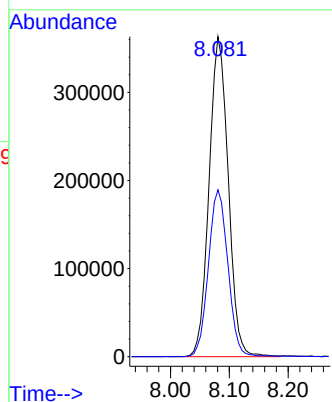
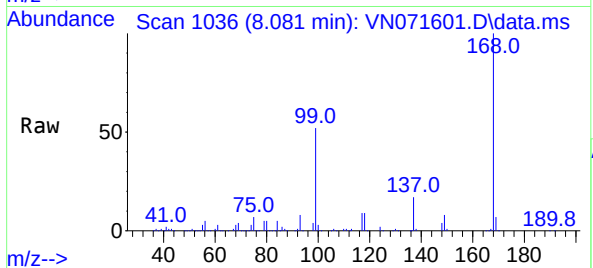




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

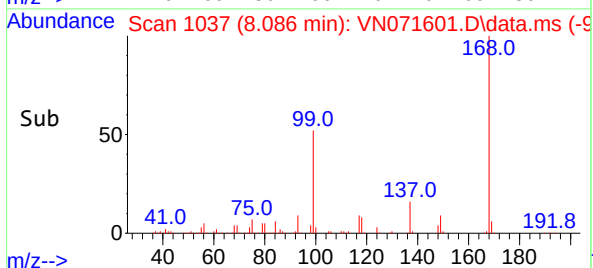
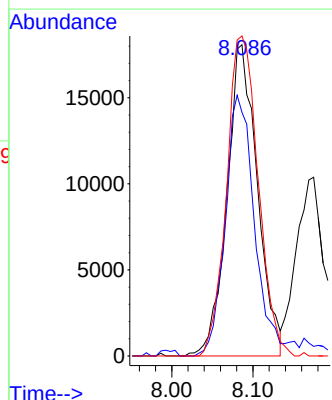
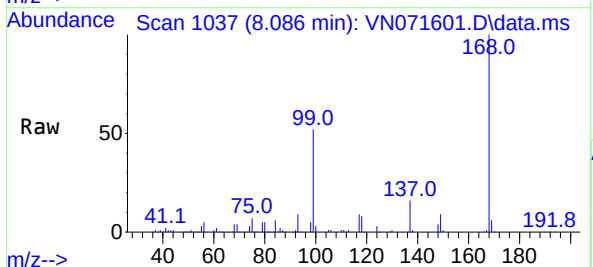
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

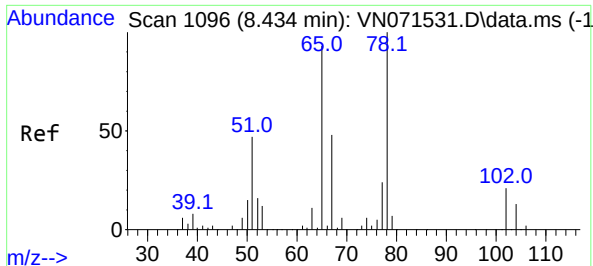
Tgt Ion:168 Resp: 821044
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#31
Cyclohexane
Concen: 3.230 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 56 Resp: 47147
Ion Ratio Lower Upper
56 100
69 78.3 27.8 41.8#
84 102.8 76.9 115.3

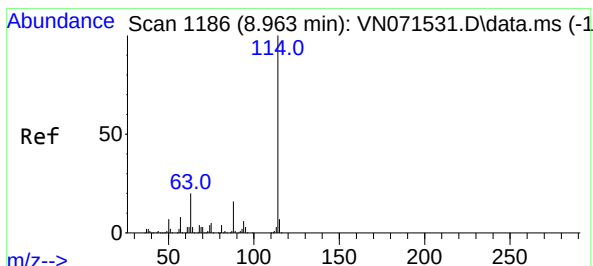
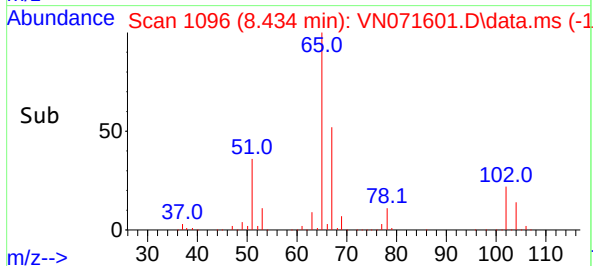
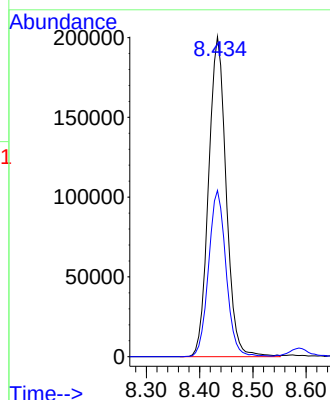
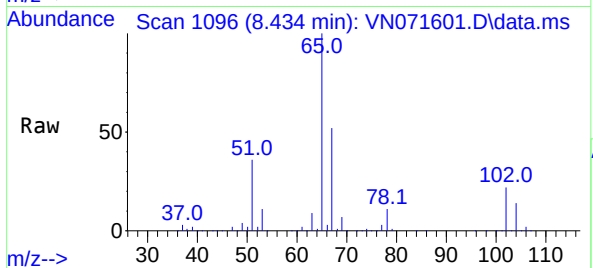




#33
1,2-Dichloroethane-d4
Concen: 45.034 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

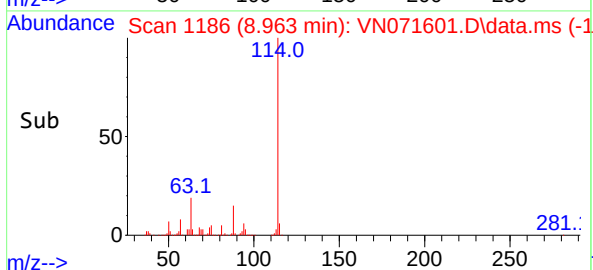
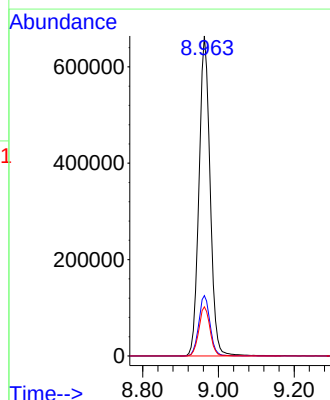
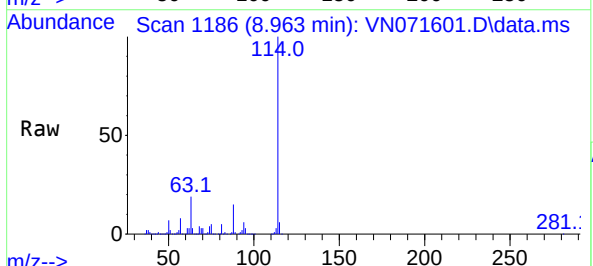
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

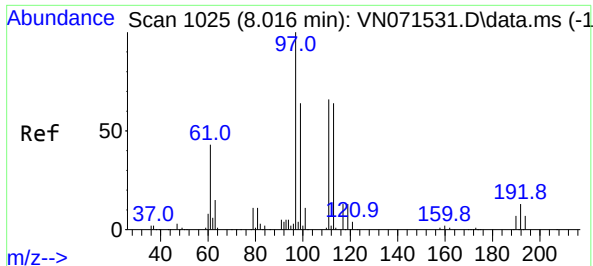
Tgt Ion: 65 Resp: 459377
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 114 Resp: 1355569
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.458 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071601.D

Acq: 28 Mar 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

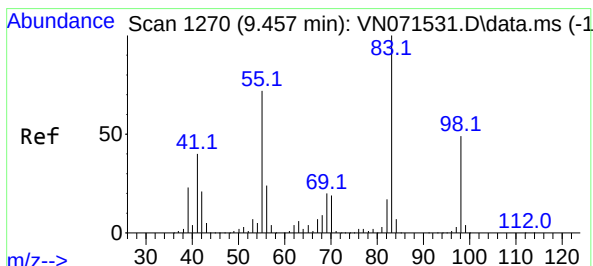
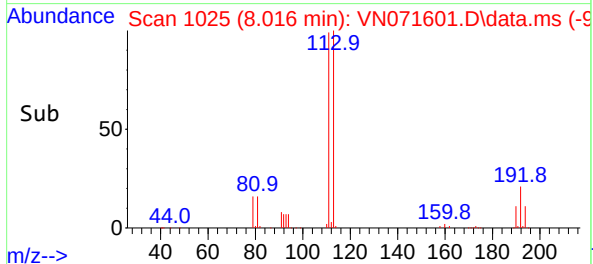
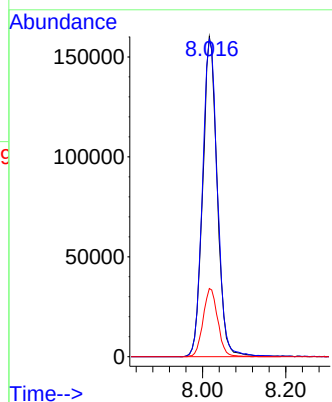
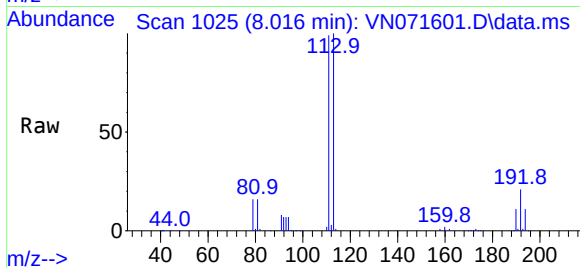
Tgt Ion:113 Resp: 387274

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 21.5 17.0 25.6



#39

Methylcyclohexane

Concen: 1.355 ug/l

RT: 9.463 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VN071601.D

Acq: 28 Mar 2022 13:25

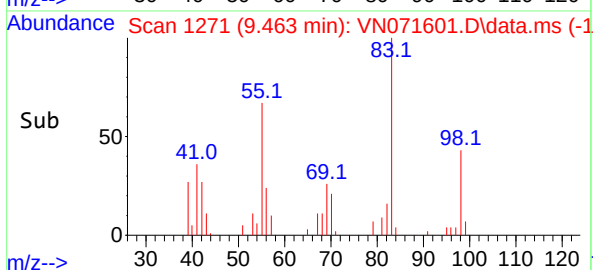
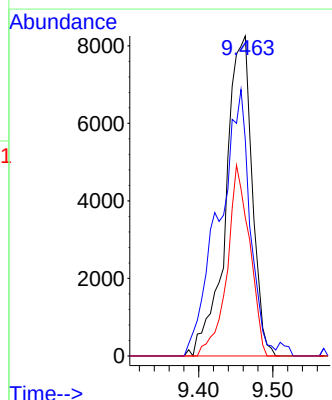
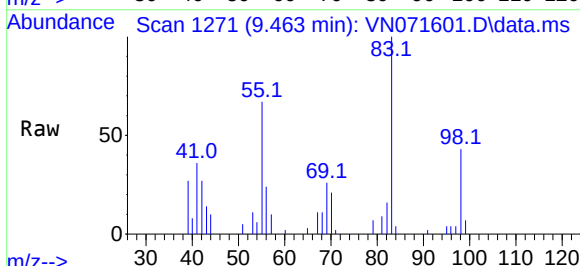
Tgt Ion: 83 Resp: 20427

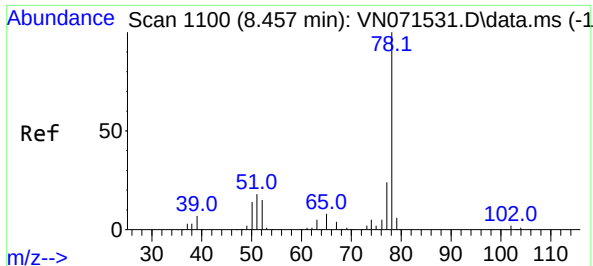
Ion Ratio Lower Upper

83 100

55 67.5 57.8 86.8

98 43.2 39.4 59.2

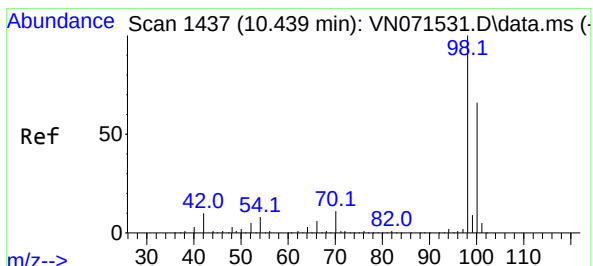
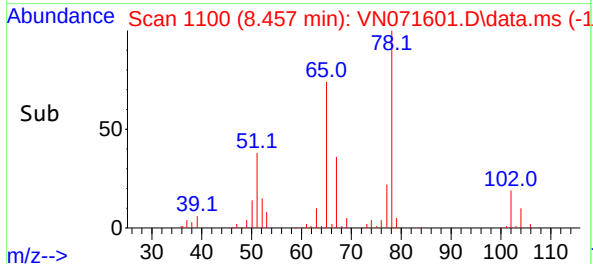
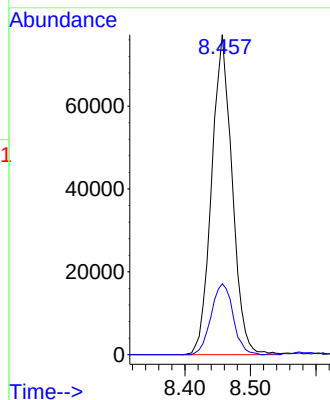
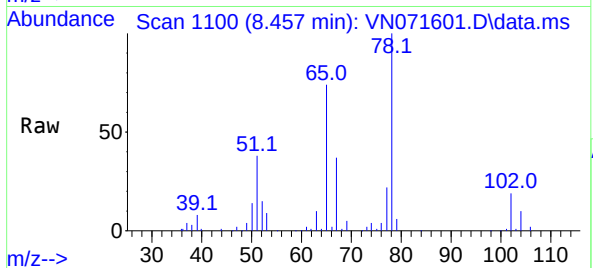




#40
Benzene
Concen: 4.392 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

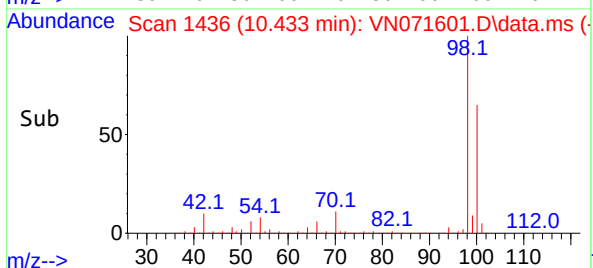
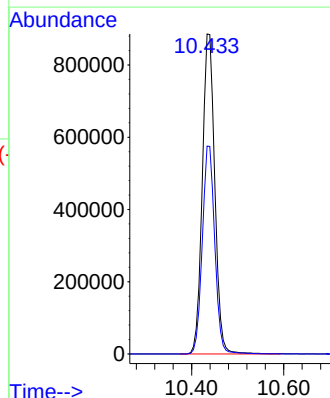
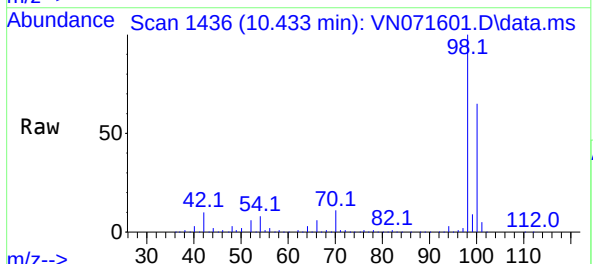
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

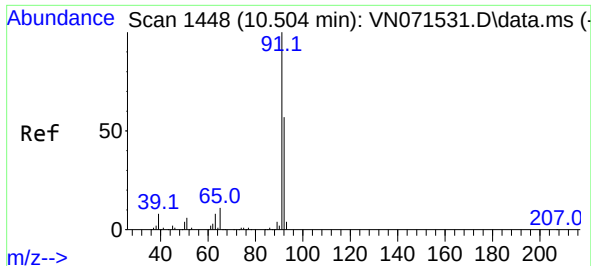
Tgt Ion: 78 Resp: 167924
Ion Ratio Lower Upper
78 100
77 22.2 19.4 29.0



#50
Toluene-d8
Concen: 48.731 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 98 Resp: 1674542
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

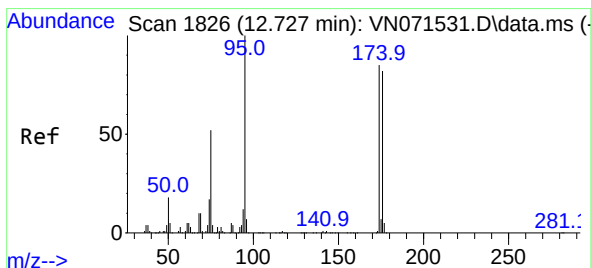
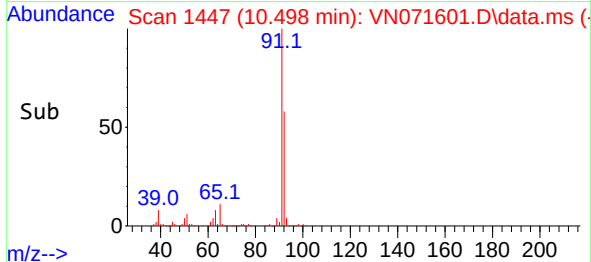
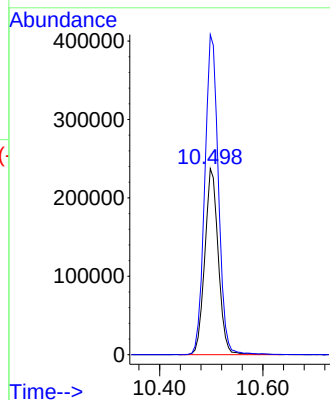
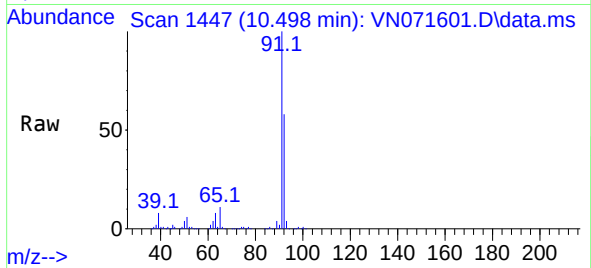




#52
Toluene
Concen: 17.958 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

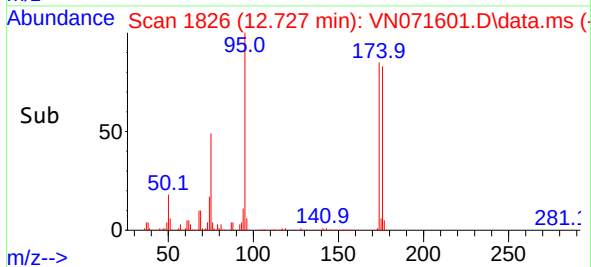
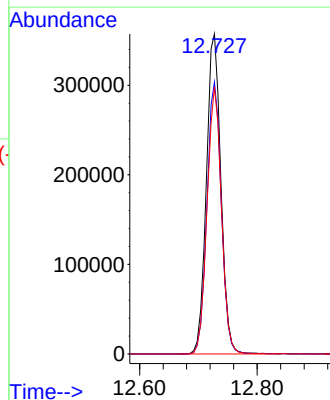
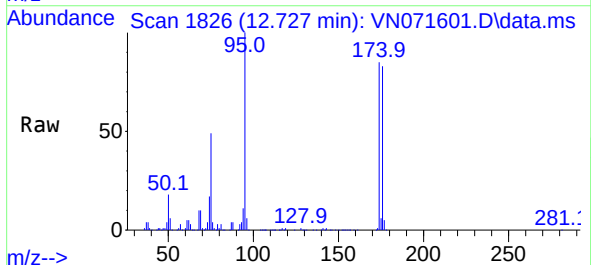
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

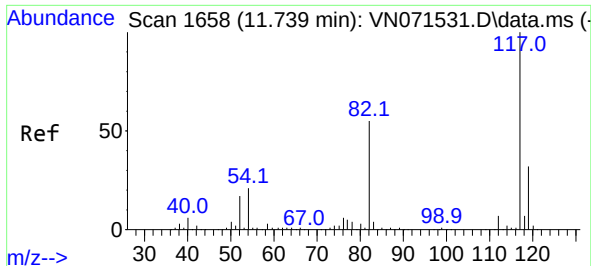
Tgt Ion: 92 Resp: 429748
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.320 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 95 Resp: 611614
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 82.5 0.0 163.4

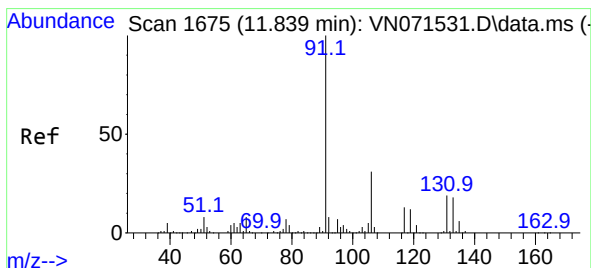
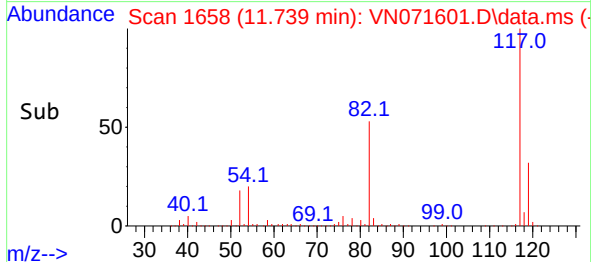
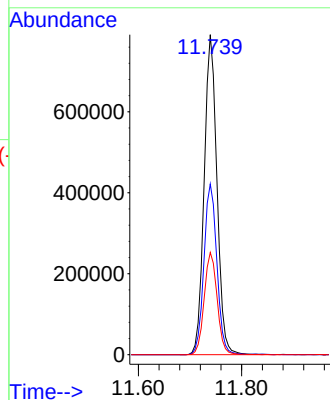
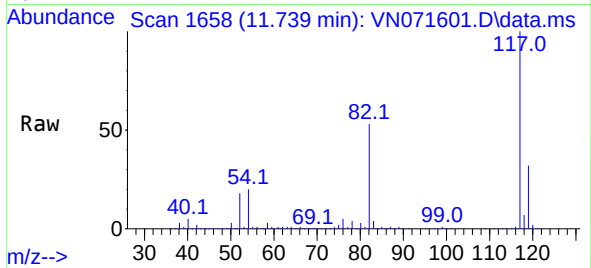




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

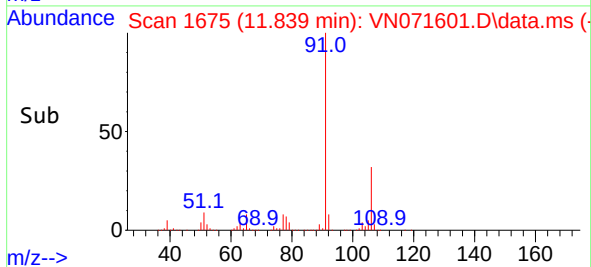
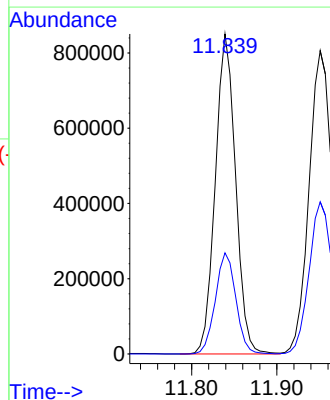
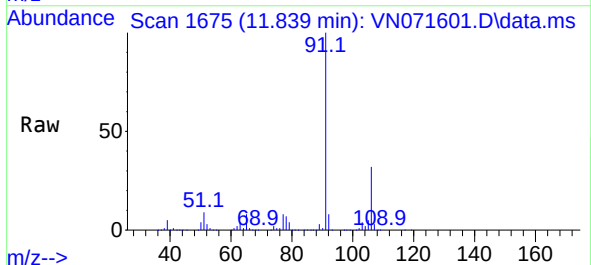
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

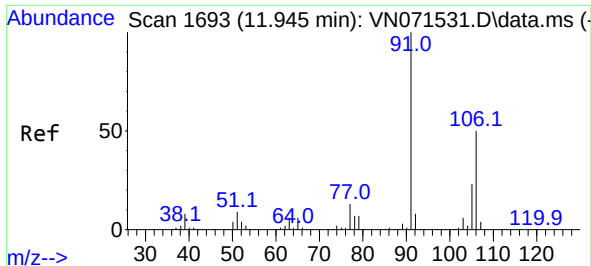
Tgt Ion:117 Resp: 1356974
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.0 25.4 38.0



#67
Ethyl Benzene
Concen: 28.515 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 91 Resp: 1409390
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

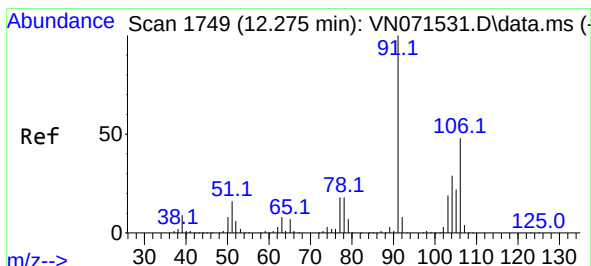
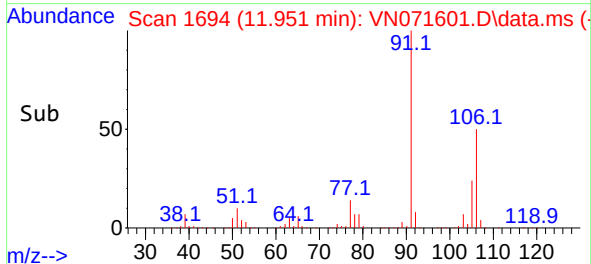
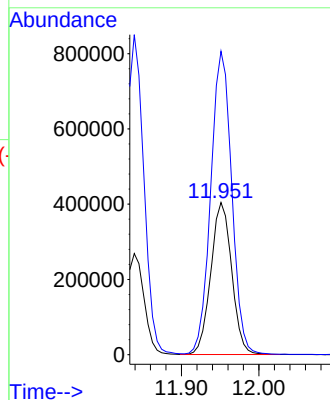
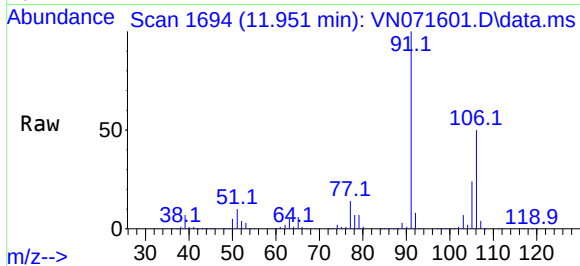




#68
m/p-Xylenes
Concen: 39.980 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

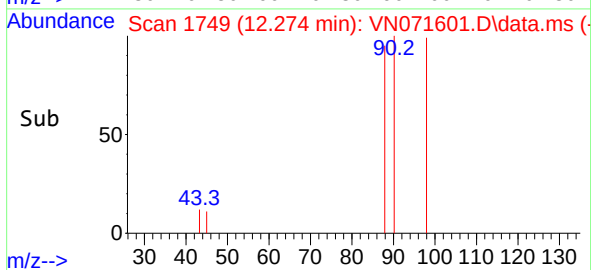
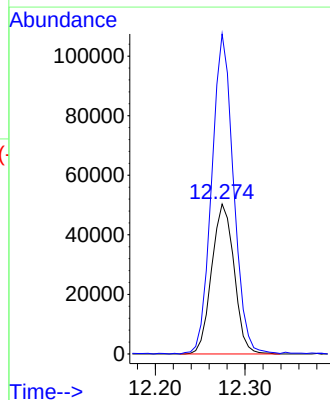
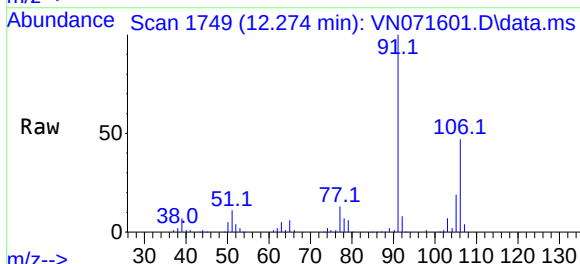
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

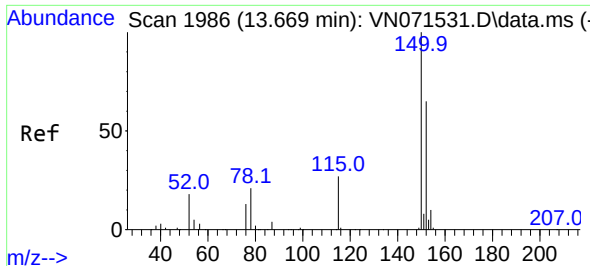
Tgt Ion:106 Resp: 756115
Ion Ratio Lower Upper
106 100
91 201.0 158.9 238.3



#69
o-Xylene
Concen: 4.642 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion:106 Resp: 87211
Ion Ratio Lower Upper
106 100
91 208.3 106.0 318.0

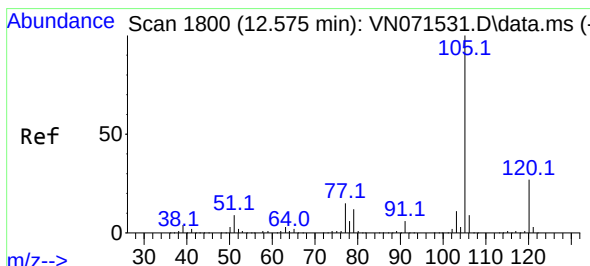
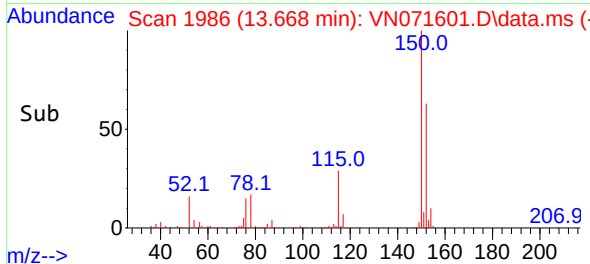
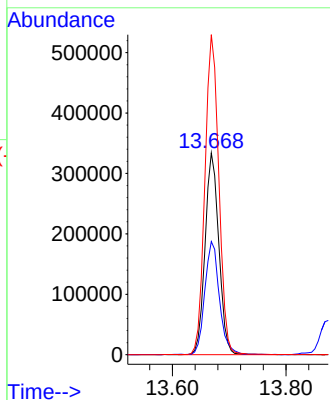
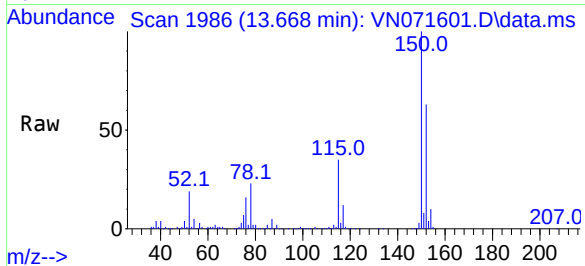




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

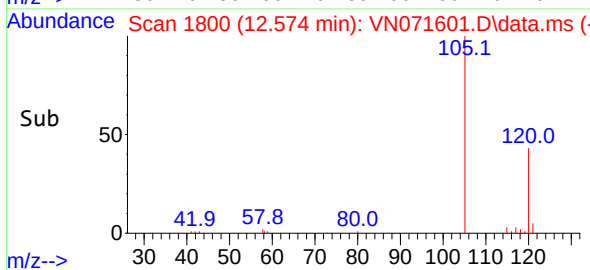
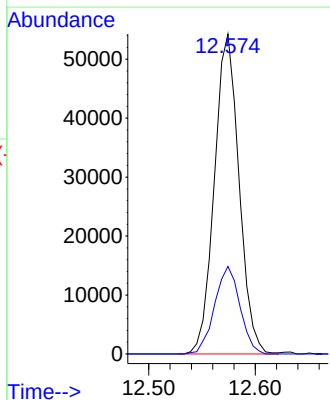
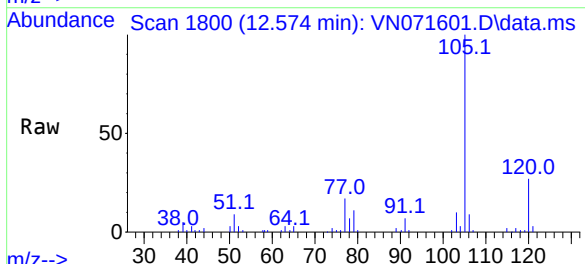
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

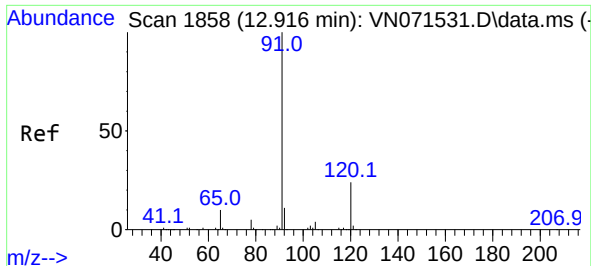
Tgt Ion:152 Resp: 559677
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 160.3 0.0 356.2



#73
Isopropylbenzene
Concen: 1.766 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion:105 Resp: 87161
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4

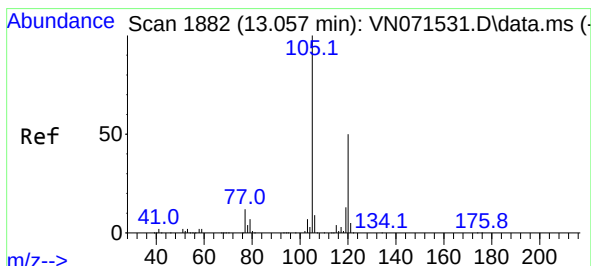
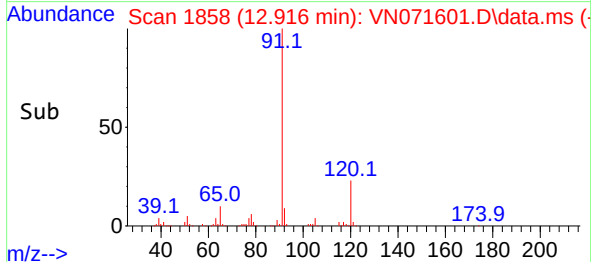
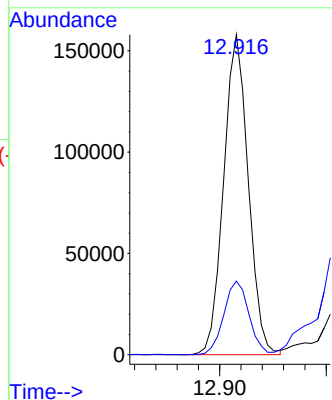
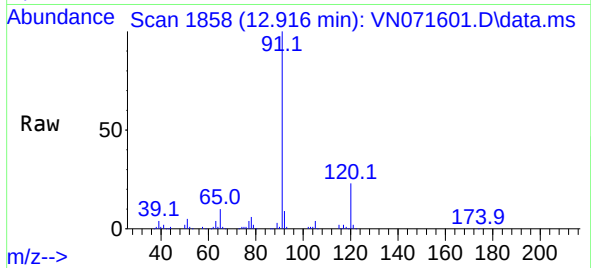




#78
n-propylbenzene
Concen: 4.827 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

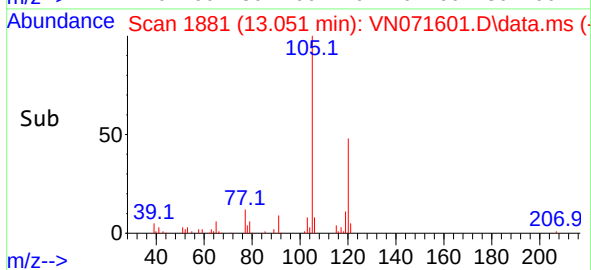
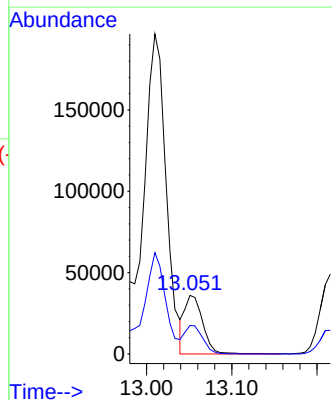
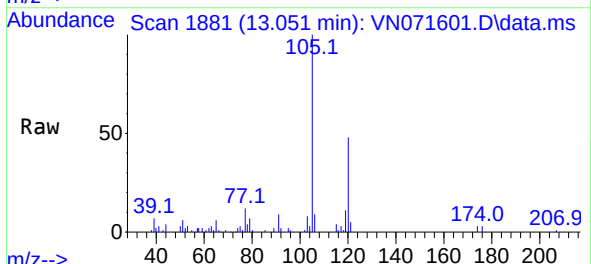
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

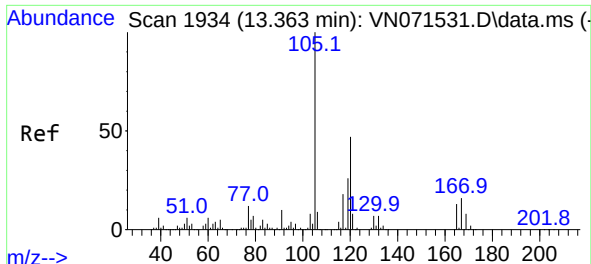
Tgt Ion: 91 Resp: 253389
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.370 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 105 Resp: 53354
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7

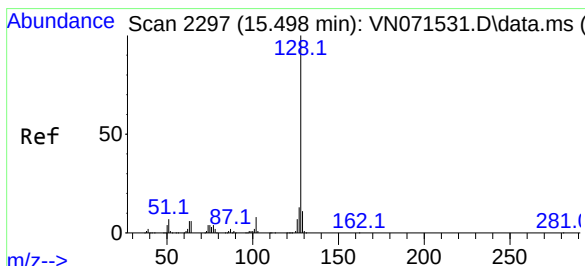
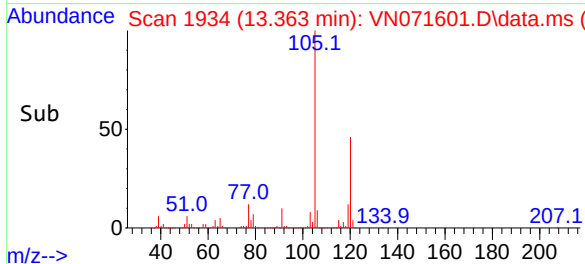
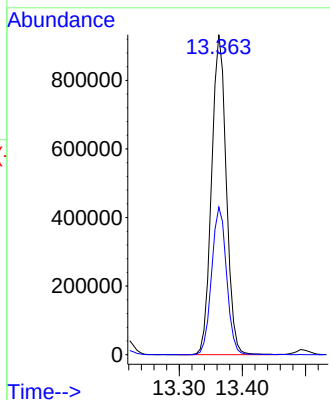
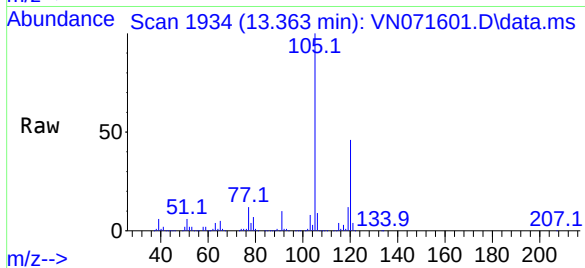




#84
1,2,4-Trimethylbenzene
Concen: 40.107 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Tgt Ion:105 Resp: 1507474
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8



#95
Naphthalene
Concen: 8.188 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071601.D
Acq: 28 Mar 2022 13:25

Tgt Ion:128 Resp: 151390
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0

