

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071828.D
 Acq On : 04 Apr 2022 13:53
 Operator : JC\MD
 Sample : N2242-02DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Quant Time: Apr 05 01:17:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

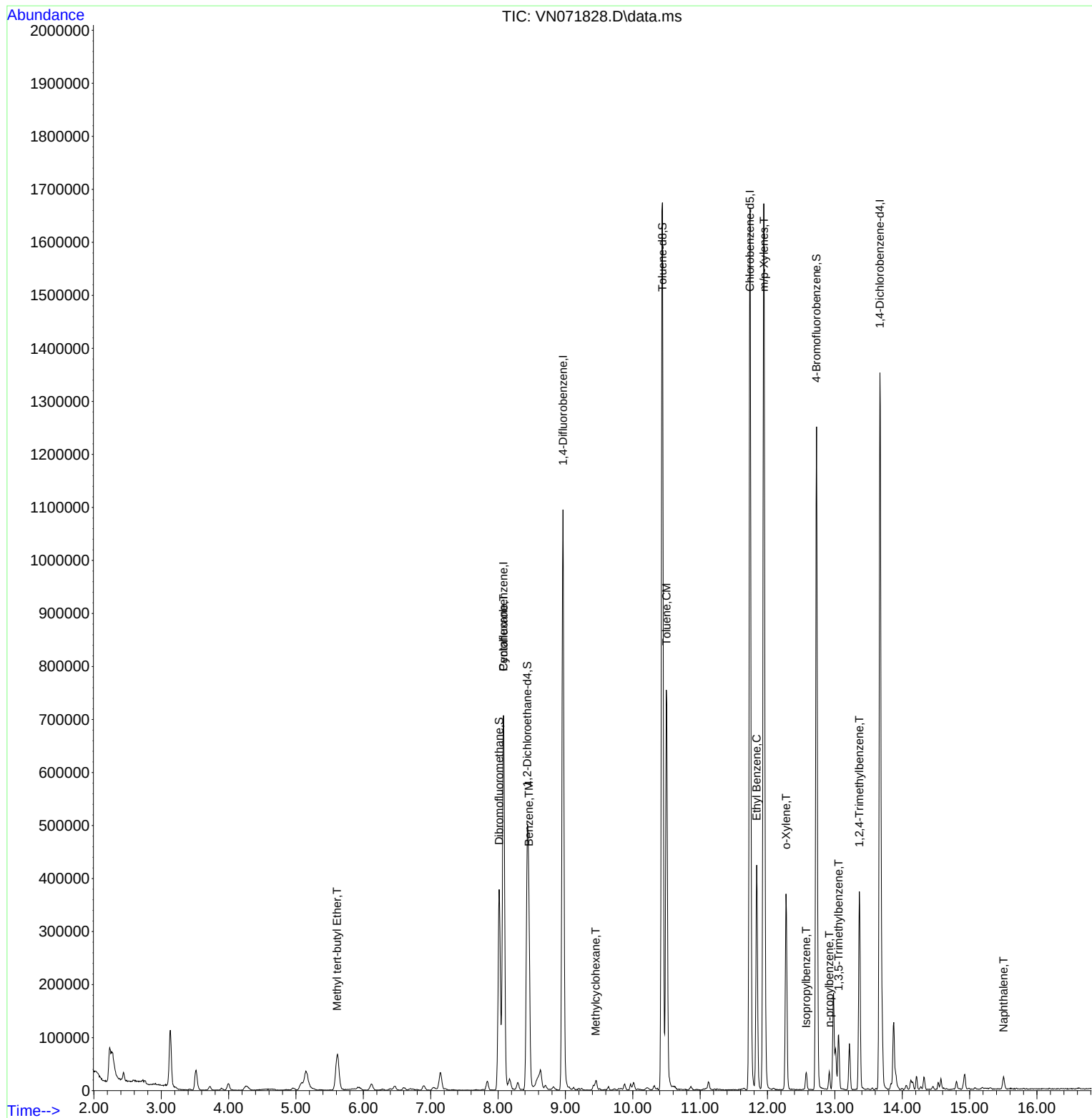
Internal Standards						
1) Pentafluorobenzene	8.081	168	580023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	987805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1013657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	406154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	328676	49.637	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.280%
35) Dibromofluoromethane	8.016	113	280198	48.205	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.400%
50) Toluene-d8	10.439	98	1248041	52.487	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.727	95	449733	58.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.960%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.610	73	71240	4.005	ug/l #	17
31) Cyclohexane	8.081	56	17053	1.894	ug/l #	23
39) Methylcyclohexane	9.451	83	7619	0.789	ug/l	88
40) Benzene	8.457	78	298634	11.646	ug/l	97
52) Toluene	10.498	92	346000	21.346	ug/l	99
67) Ethyl Benzene	11.839	91	313264	9.117	ug/l	99
68) m/p-Xylenes	11.945	106	555139	42.050	ug/l	99
69) o-Xylene	12.275	106	108565	8.285	ug/l	100
73) Isopropylbenzene	12.575	105	22200	0.649	ug/l	100
78) n-propylbenzene	12.916	91	26899	0.747	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	56612	2.088	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	222837	8.422	ug/l	99
95) Naphthalene	15.504	128	24102	5.007	ug/l	98

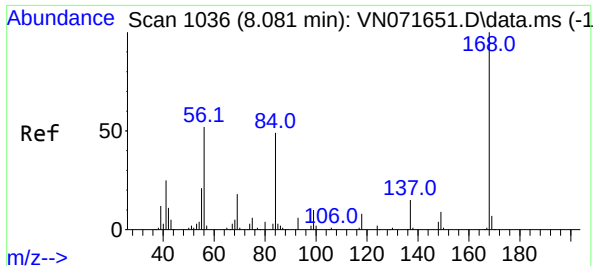
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
Data File : VN071828.D
Acq On : 04 Apr 2022 13:53
Operator : JC\MD
Sample : N2242-02DL 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Quant Time: Apr 05 01:17:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

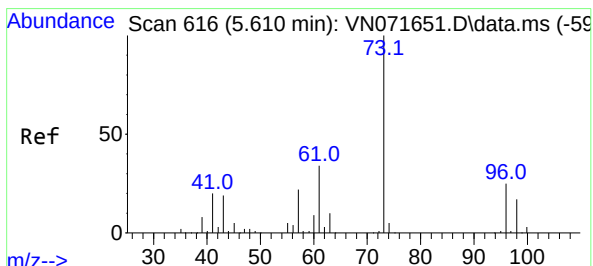
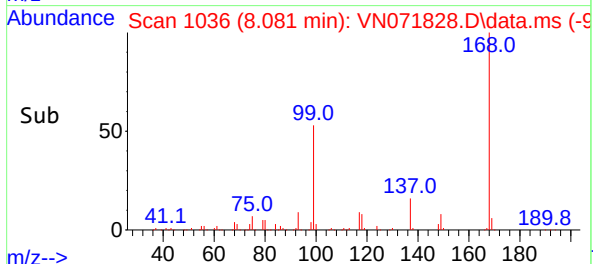
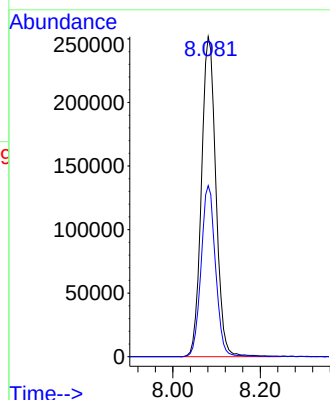
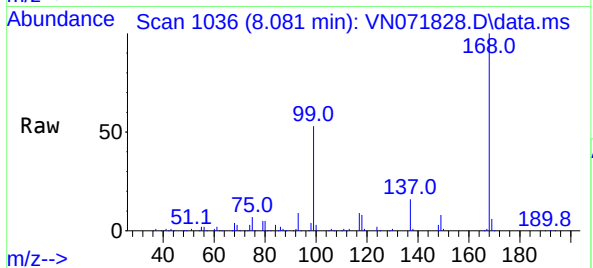




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

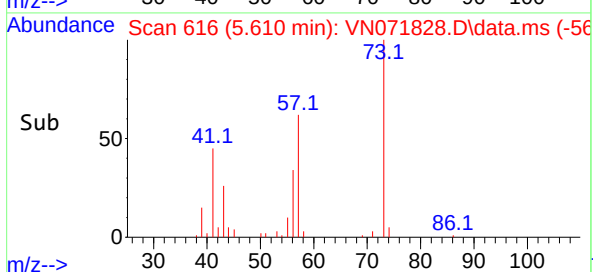
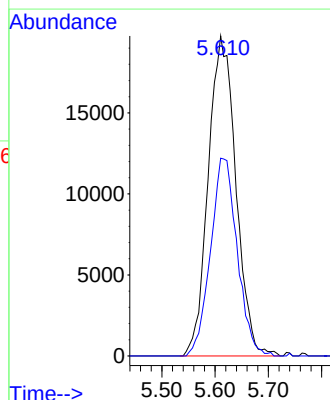
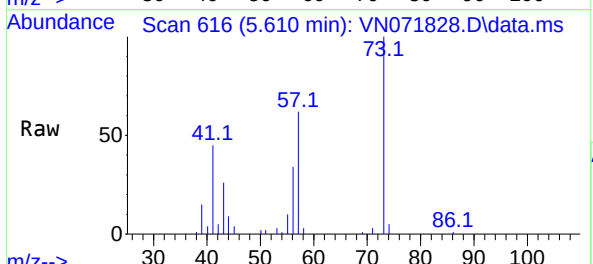
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

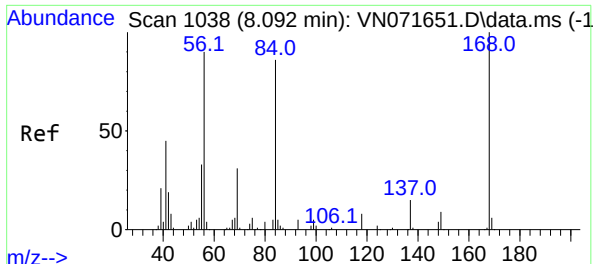
Tgt Ion:168 Resp: 580023
Ion Ratio Lower Upper
168 100
99 53.4 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 4.005 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion: 73 Resp: 71240
Ion Ratio Lower Upper
73 100
57 61.8 17.6 26.4#

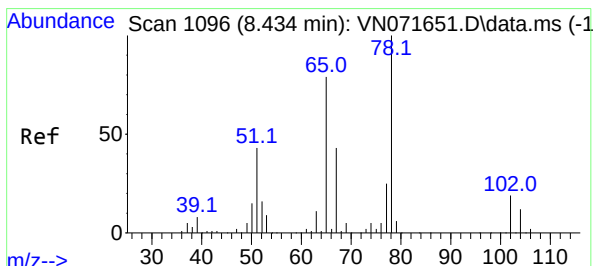
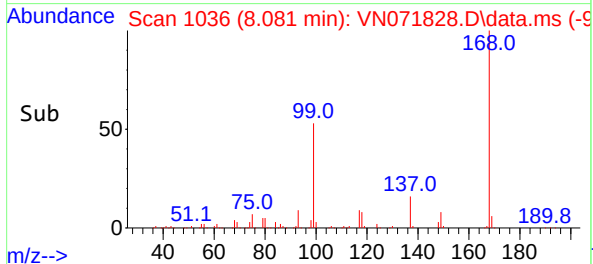
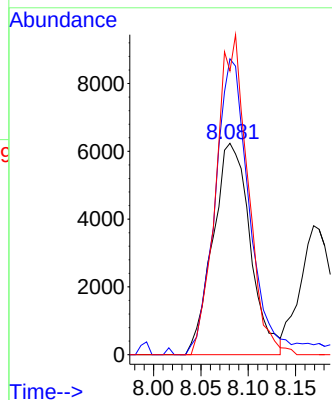
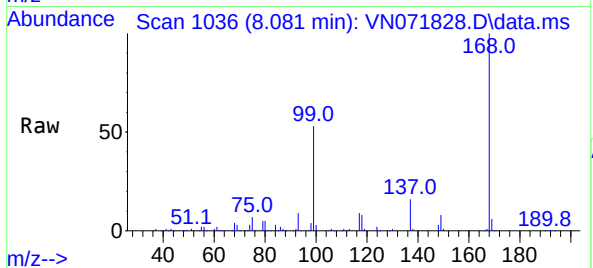




#31
Cyclohexane
Concen: 1.894 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

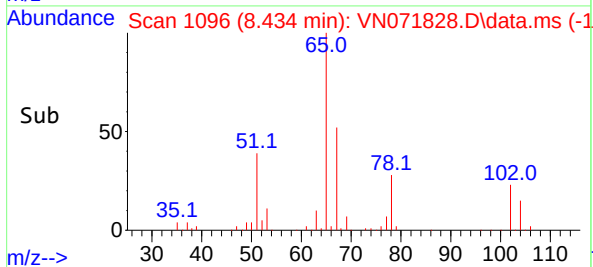
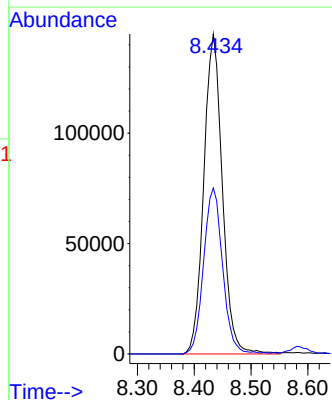
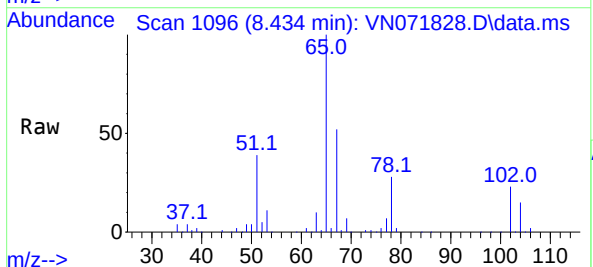
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

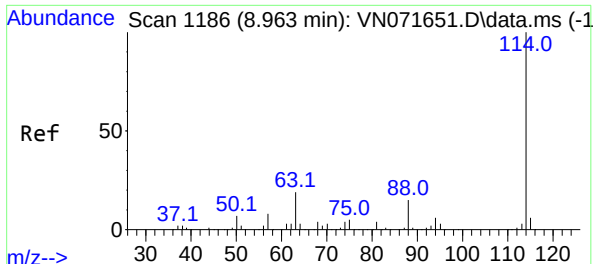
Tgt Ion: 56 Resp: 17053
Ion Ratio Lower Upper
56 100
69 140.0 27.8 41.8#
84 134.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.637 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion: 65 Resp: 328676
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

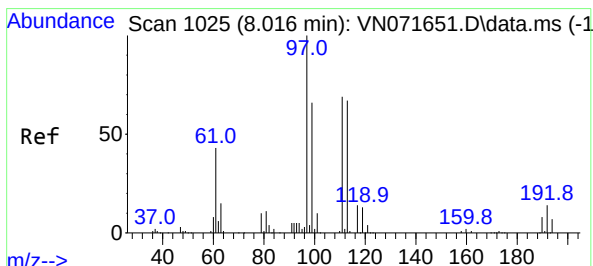
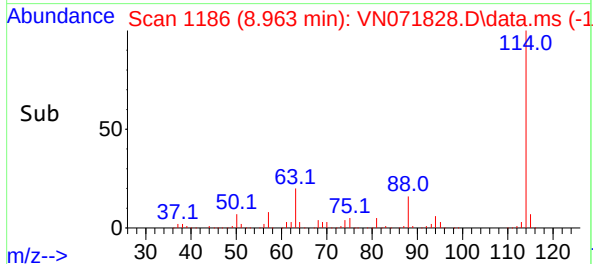
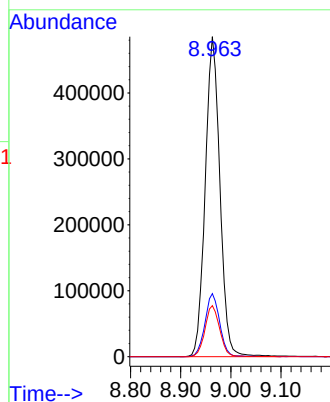
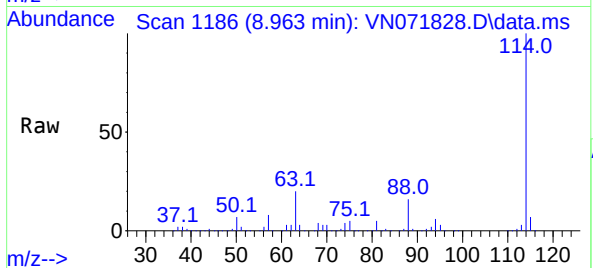




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

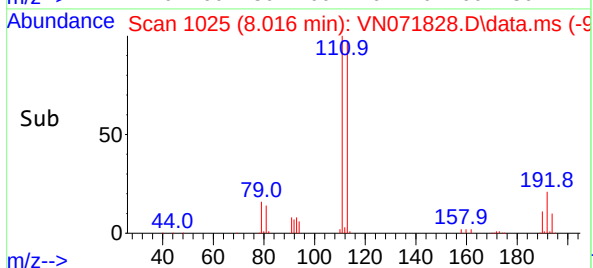
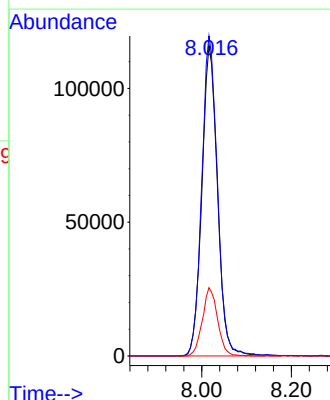
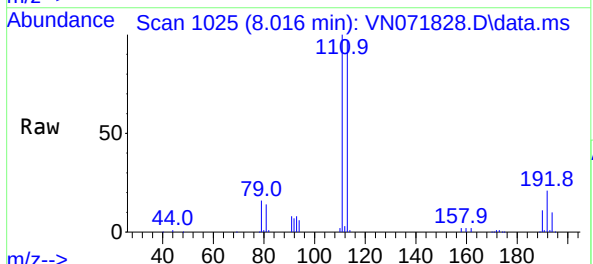
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

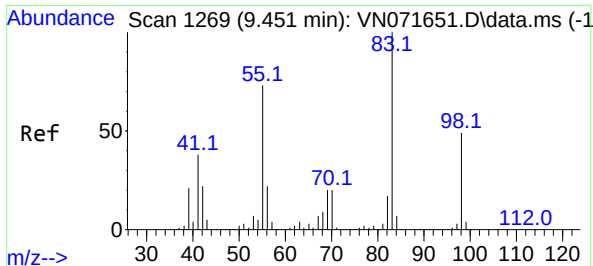
Tgt Ion:114 Resp: 987805
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.205 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion:113 Resp: 280198
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 21.4 17.0 25.6





#39

Methylcyclohexane

Concen: 0.789 ug/l

RT: 9.451 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071828.D

Acq: 04 Apr 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

MW-3DL

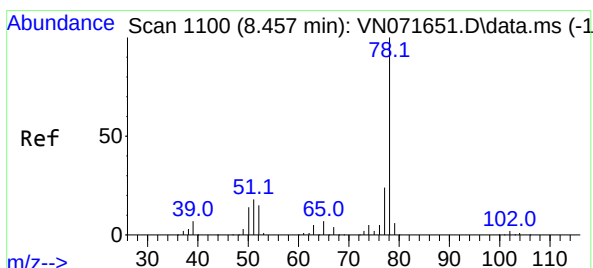
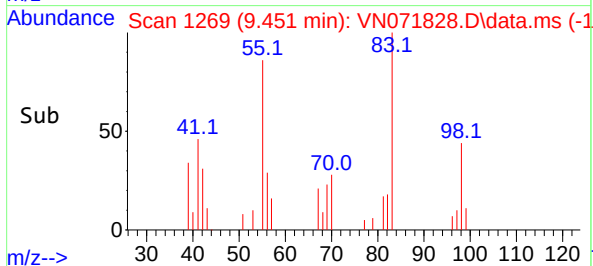
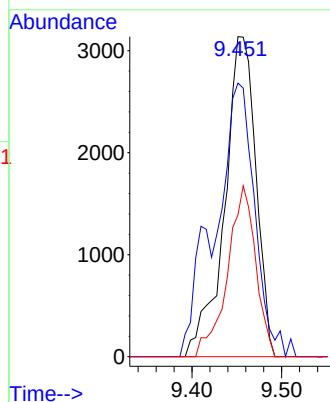
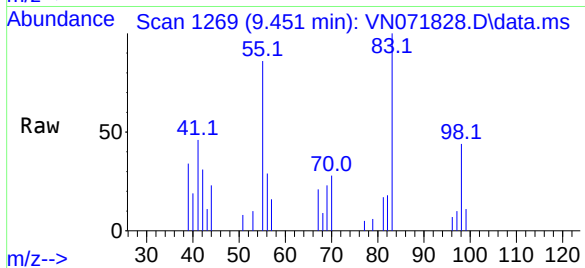
Tgt Ion: 83 Resp: 7619

Ion Ratio Lower Upper

83 100

55 85.5 57.8 86.8

98 44.3 39.4 59.2



#40

Benzene

Concen: 11.646 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071828.D

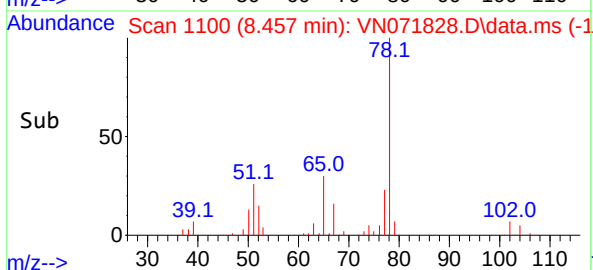
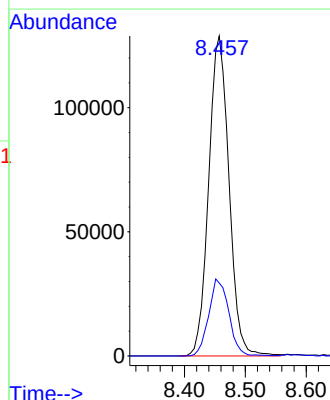
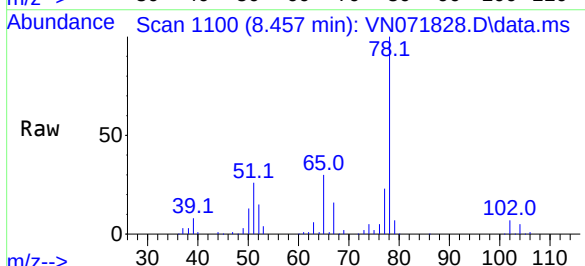
Acq: 04 Apr 2022 13:53

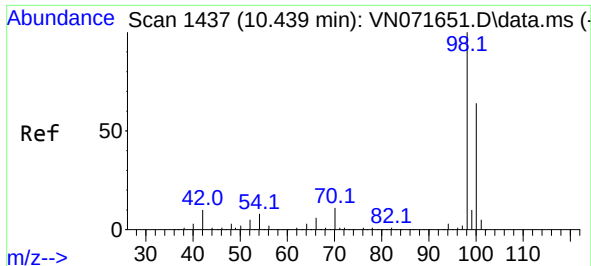
Tgt Ion: 78 Resp: 298634

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.0

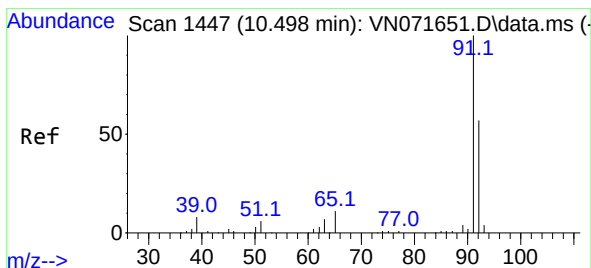
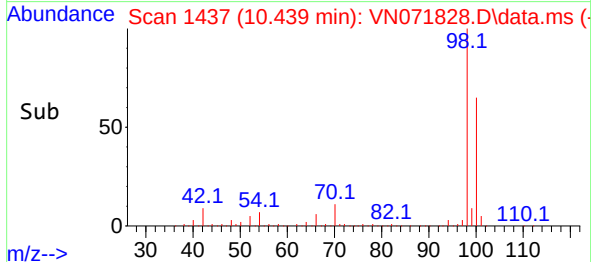
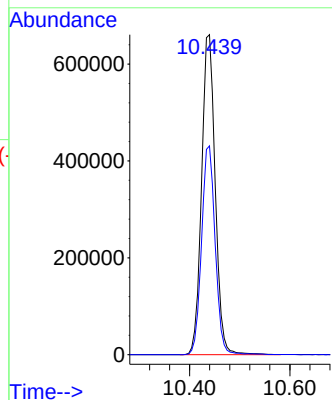
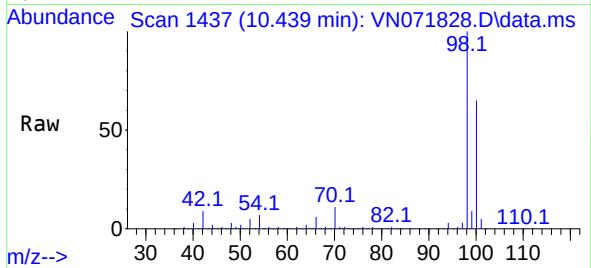




#50
Toluene-d8
Concen: 52.487 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

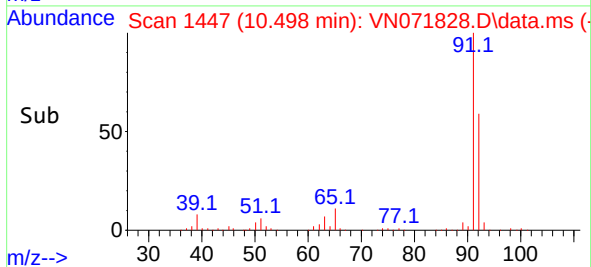
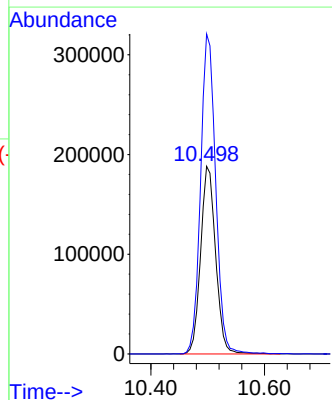
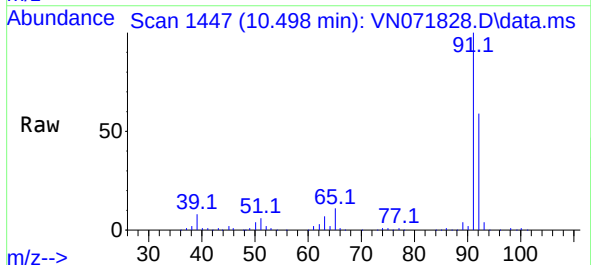
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

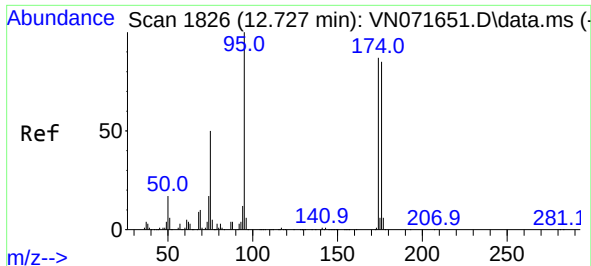
Tgt Ion: 98 Resp: 1248041
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#52
Toluene
Concen: 21.346 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion: 92 Resp: 346000
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8

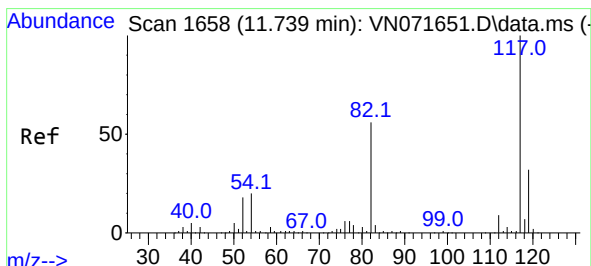
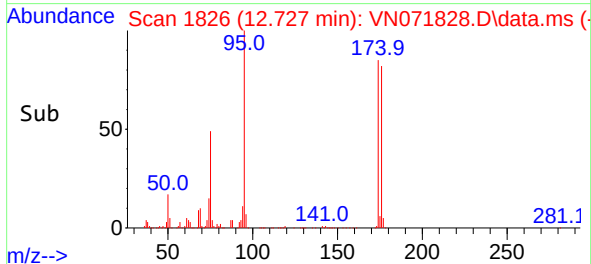
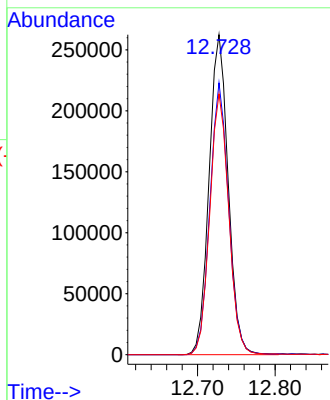
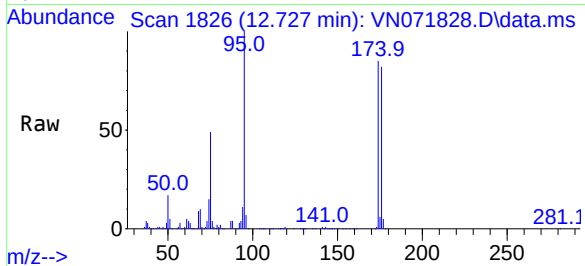




#62
4-Bromofluorobenzene
Concen: 58.481 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

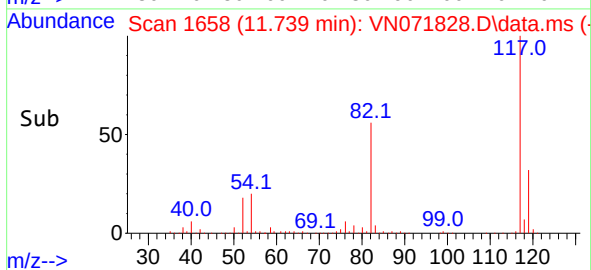
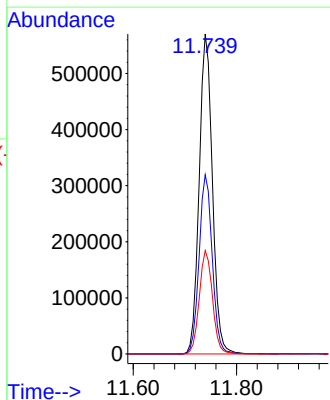
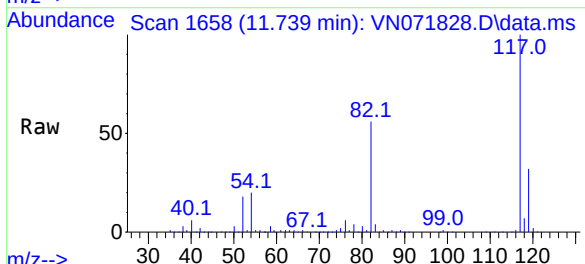
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

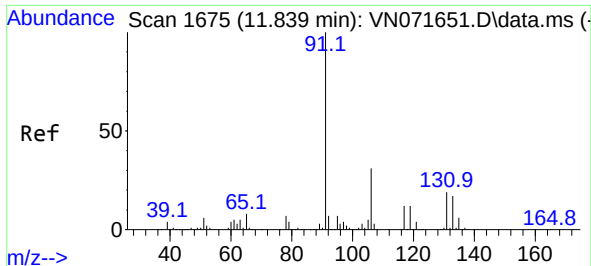
Tgt Ion: 95 Resp: 449733
Ion Ratio Lower Upper
95 100
174 83.3 0.0 167.6
176 81.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion: 117 Resp: 1013657
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.3 25.4 38.0

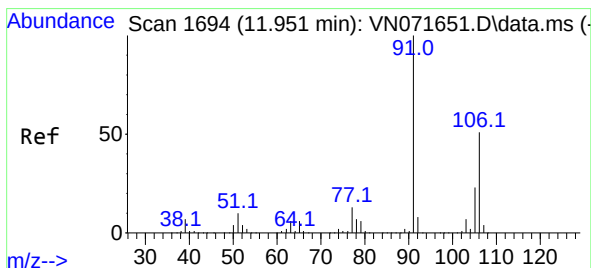
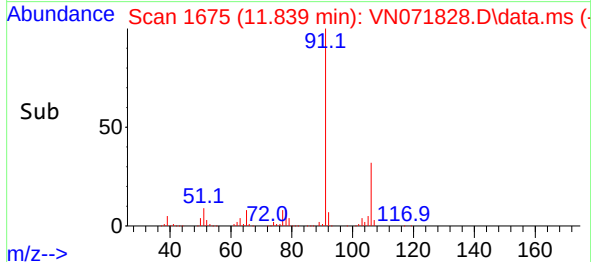
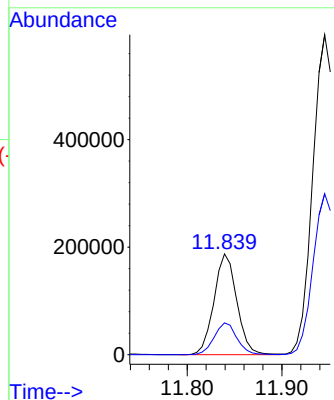
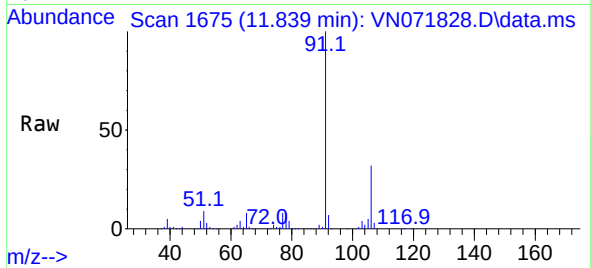




#67
Ethyl Benzene
Concen: 9.117 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

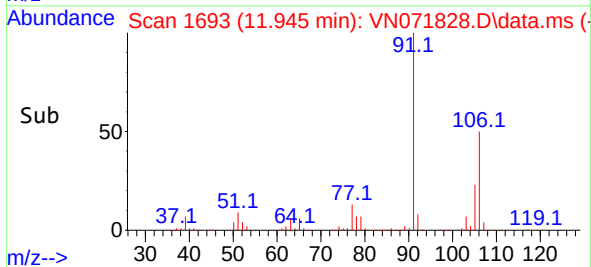
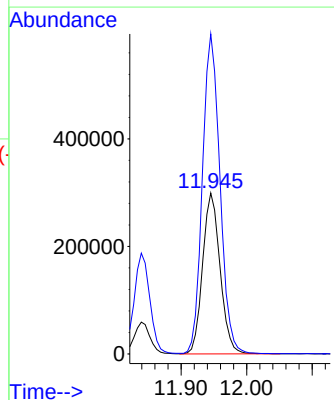
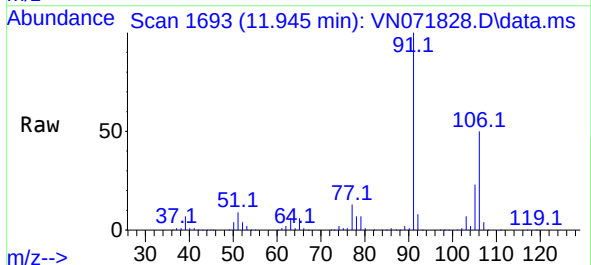
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

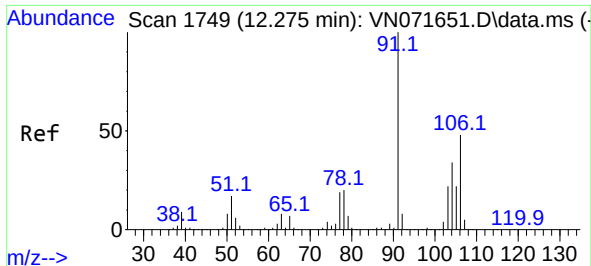
Tgt Ion: 91 Resp: 313264
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 42.050 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion: 106 Resp: 555139
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3

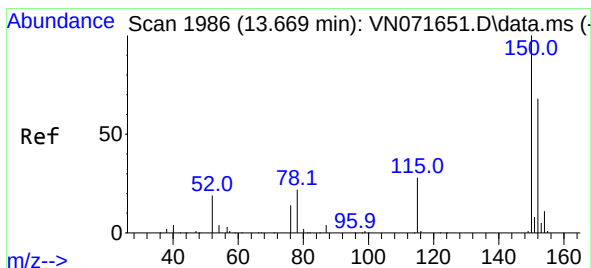
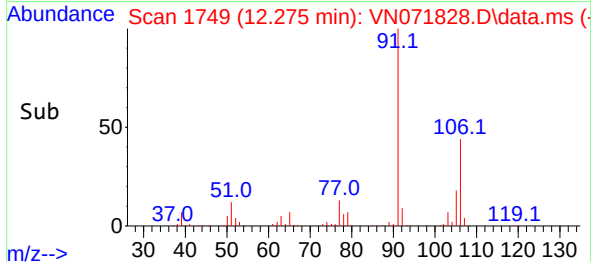
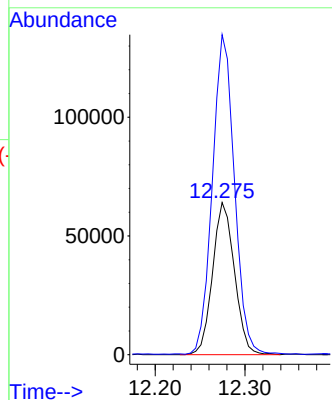
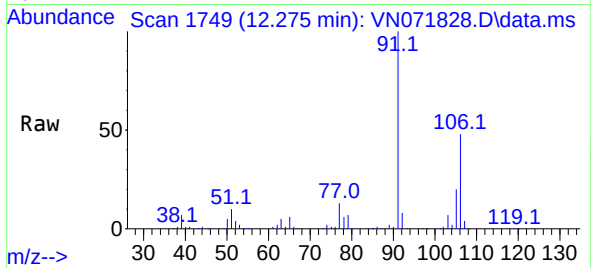




#69
o-Xylene
Concen: 8.285 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

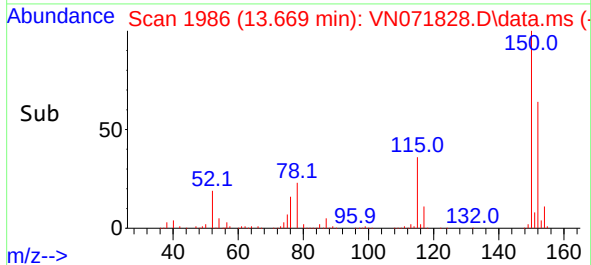
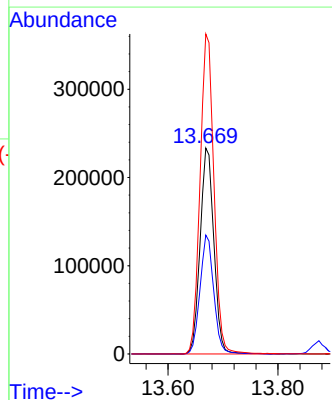
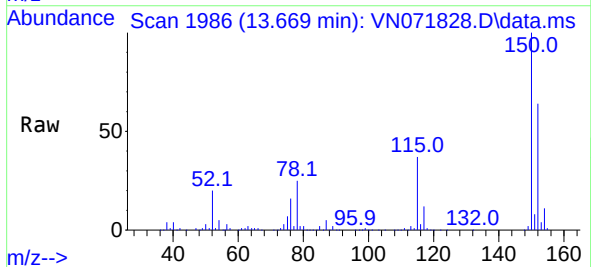
Instrument : MSVOA_N
ClientSampleId : MW-3DL

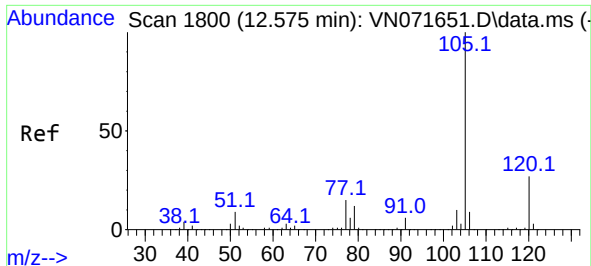
Tgt Ion:106 Resp: 108565
Ion Ratio Lower Upper
106 100
91 211.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion:152 Resp: 406154
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 156.6 0.0 356.2

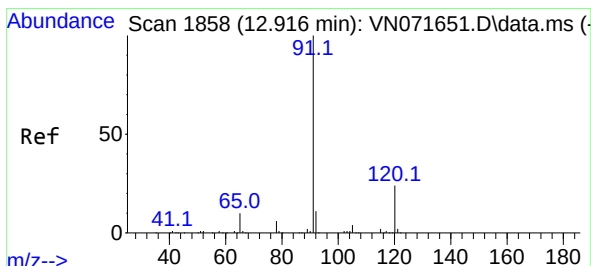
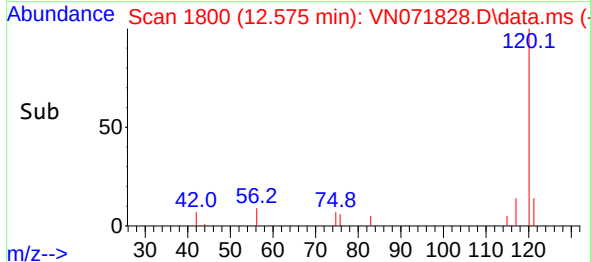
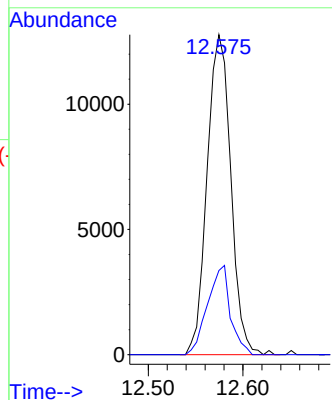
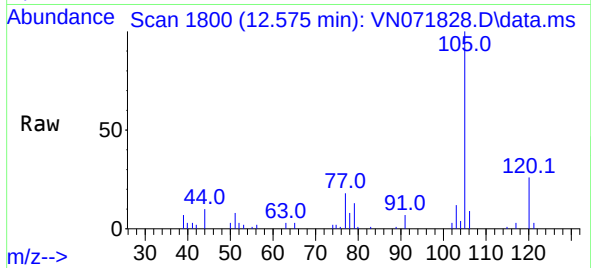




#73
Isopropylbenzene
Concen: 0.649 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

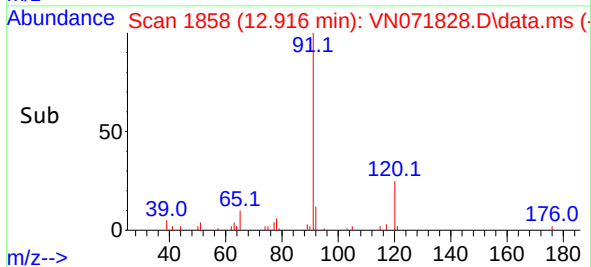
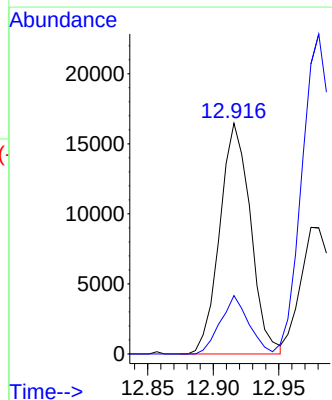
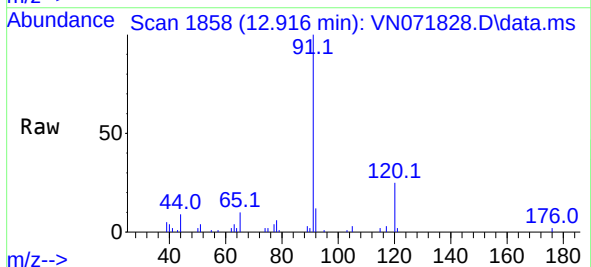
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

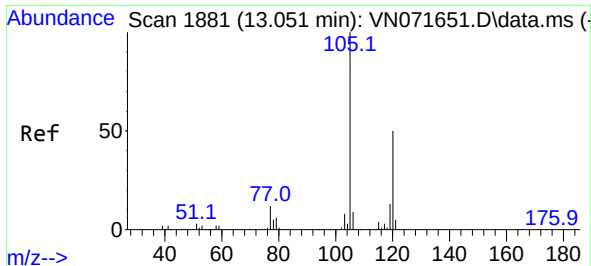
Tgt Ion:105 Resp: 22200
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#78
n-propylbenzene
Concen: 0.747 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Tgt Ion: 91 Resp: 26899
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

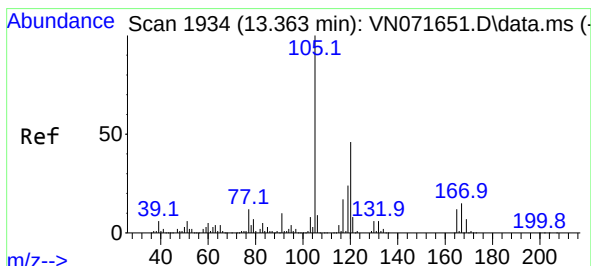
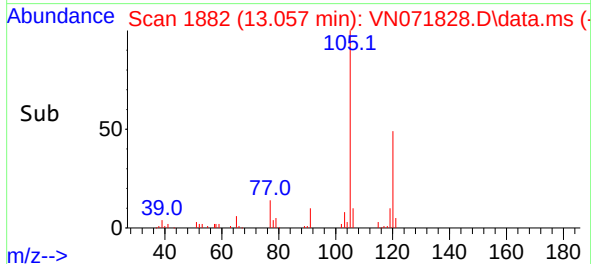
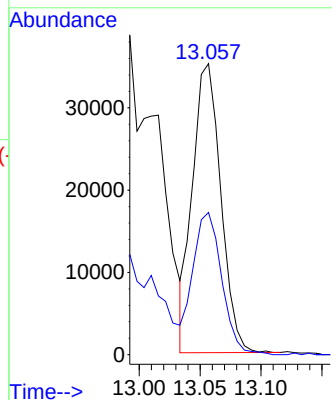
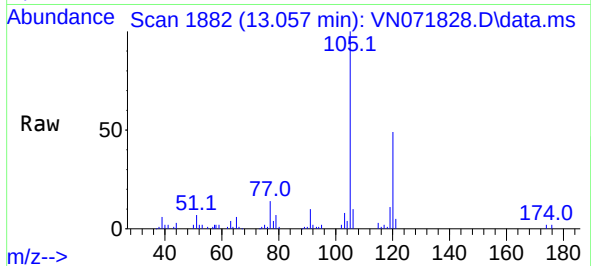




#80
1,3,5-Trimethylbenzene
Concen: 2.088 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

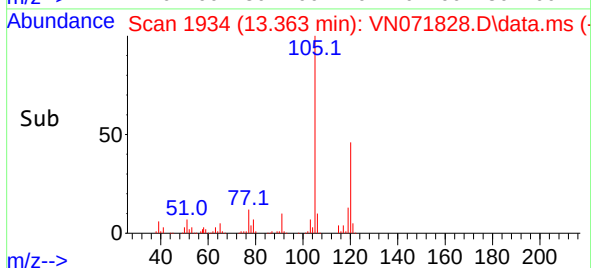
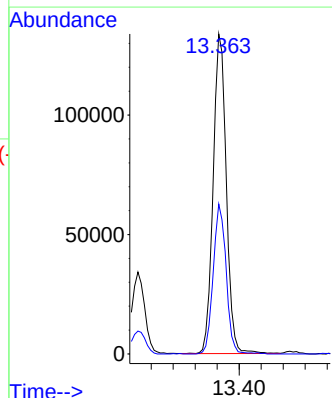
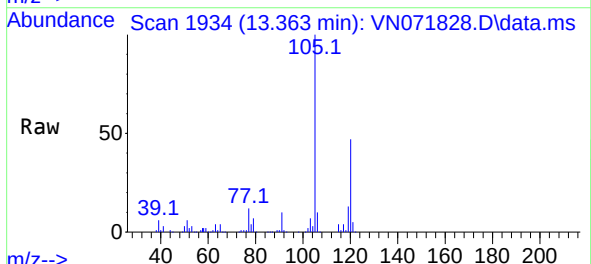
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

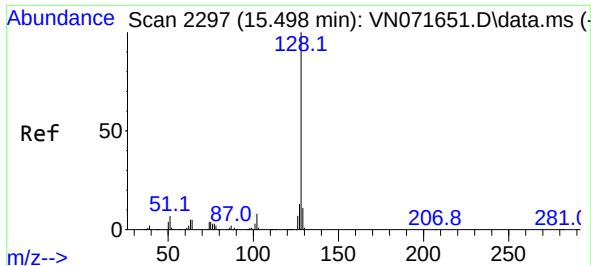
Tgt Ion:105 Resp: 56612
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 8.422 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

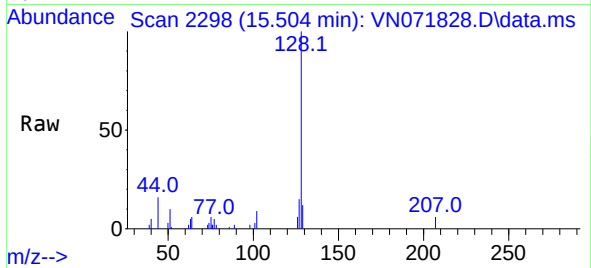
Tgt Ion:105 Resp: 222837
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#95
Naphthalene
Concen: 5.007 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071828.D
Acq: 04 Apr 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL



Tgt Ion:	128	Resp:	24102
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.9	8.6	13.0

