

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072279.D
 Acq On : 29 Apr 2022 18:58
 Operator : JC\MD
 Sample : N2617-12RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DRE

Quant Time: Apr 30 03:16:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

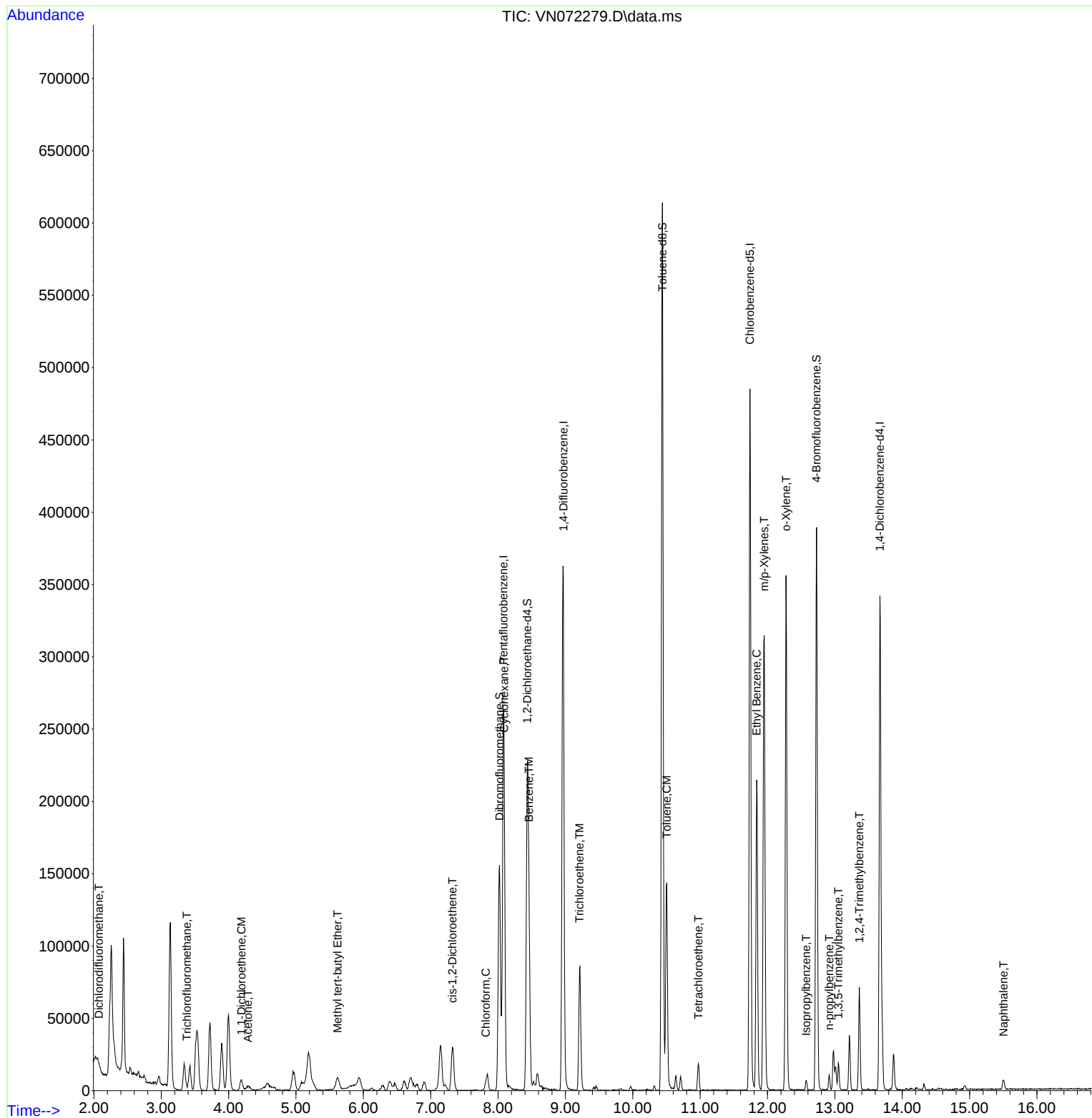
Internal Standards						
1) Pentafluorobenzene	8.081	168	179489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	300274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	264471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	88840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	176560	64.074	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 128.140%	
35) Dibromofluoromethane	8.022	113	113266	58.934	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 117.860%	
50) Toluene-d8	10.439	98	411095	54.435	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.727	95	134263	53.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	1535	0.596	ug/l	100
7) Trichlorofluoromethane	3.381	101	3582	1.015	ug/l	87
12) 1,1-Dichloroethene	4.193	96	4258	2.484	ug/l	87
16) Acetone	4.287	43	5014	4.220	ug/l	89
19) Methyl tert-butyl Ether	5.616	73	3868	0.576	ug/l	# 1
27) cis-1,2-Dichloroethene	7.322	96	18145	7.874	ug/l	96
30) Chloroform	7.816	83	4926	1.196	ug/l	96
31) Cyclohexane	8.092	56	11406	3.098	ug/l	# 68
40) Benzene	8.457	78	93153	10.735	ug/l	100
44) Trichloroethene	9.210	130	30269	14.996	ug/l	90
52) Toluene	10.504	92	59537	11.477	ug/l	99
64) Tetrachloroethene	10.974	164	4136	2.598	ug/l	# 87
67) Ethyl Benzene	11.839	91	157327	16.882	ug/l	96
68) m/p-Xylenes	11.951	106	99618	28.787	ug/l	85
69) o-Xylene	12.274	106	92092	27.451	ug/l	90
73) Isopropylbenzene	12.574	105	4995	0.637	ug/l	94
78) n-propylbenzene	12.916	91	8151	0.943	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	10025	1.534	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	39385	6.229	ug/l	93
95) Naphthalene	15.504	128	7863	5.861	ug/l	98

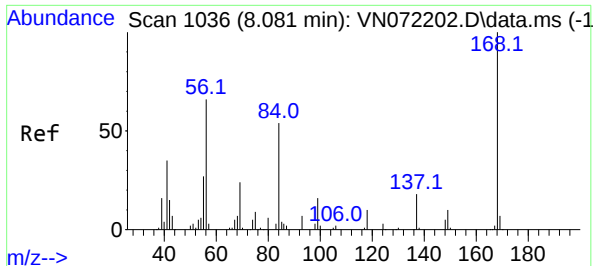
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-14DRE

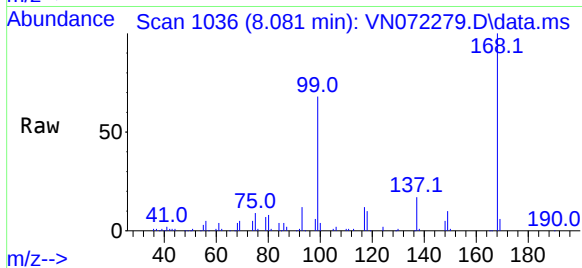
Quant Time: Apr 30 03:16:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
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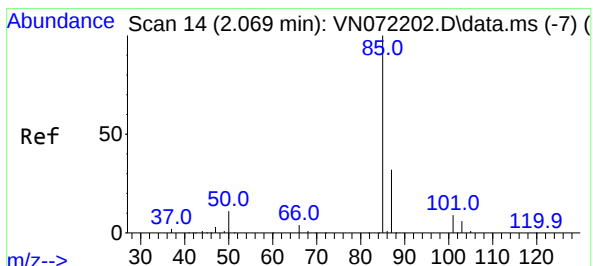
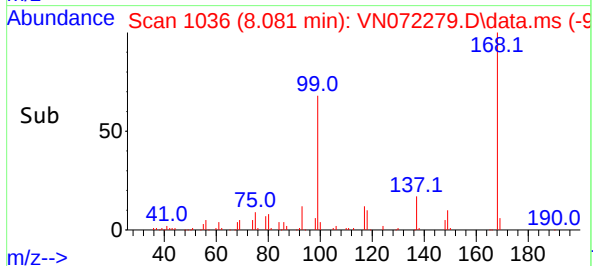
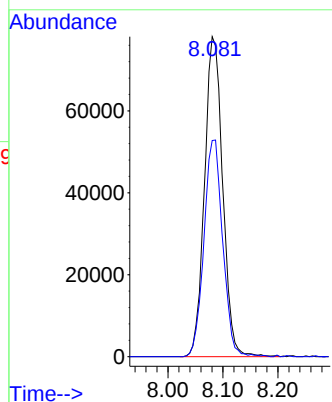


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

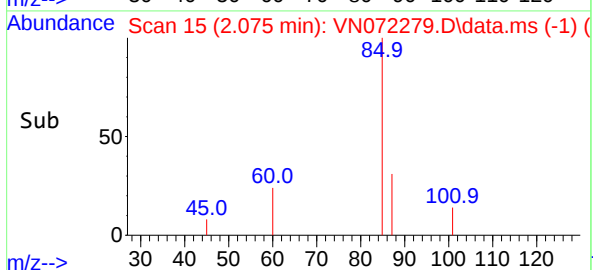
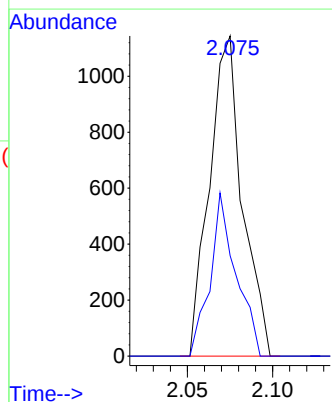
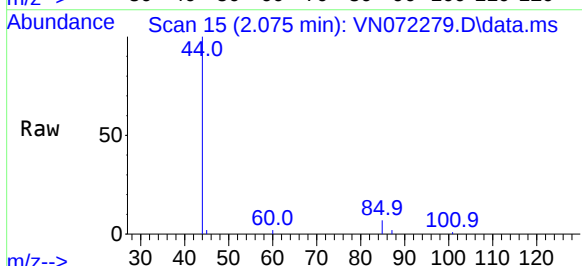


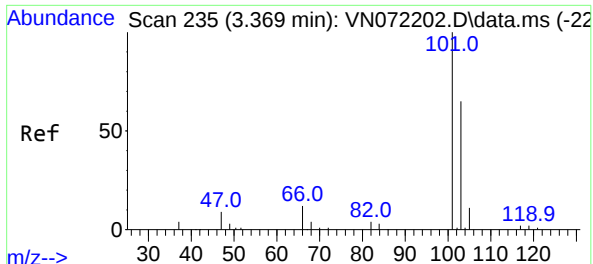
Tgt Ion:168 Resp: 179489
Ion Ratio Lower Upper
168 100
99 67.6 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 0.596 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion: 85 Resp: 1535
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1

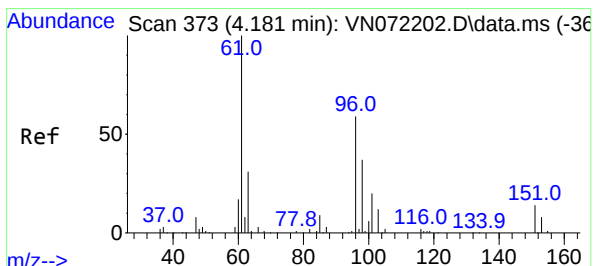
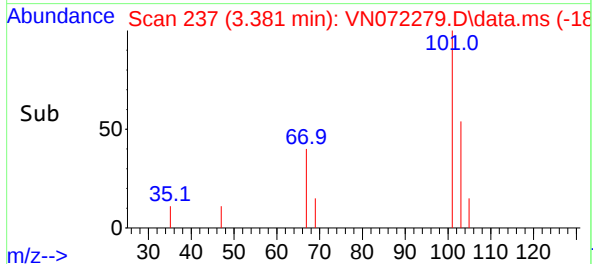
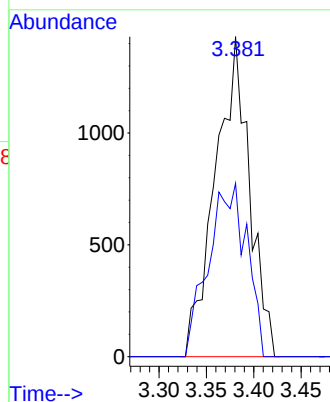
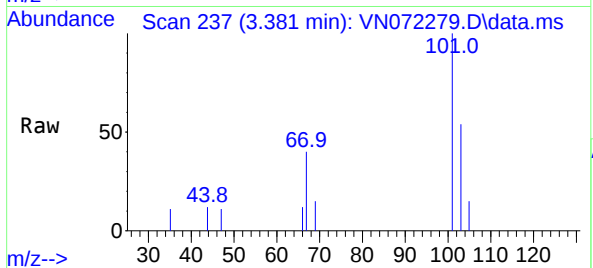




#7
Trichlorofluoromethane
Concen: 1.015 ug/l
RT: 3.381 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

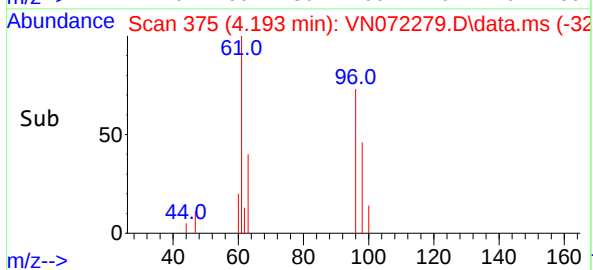
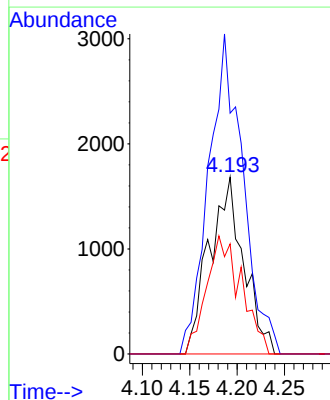
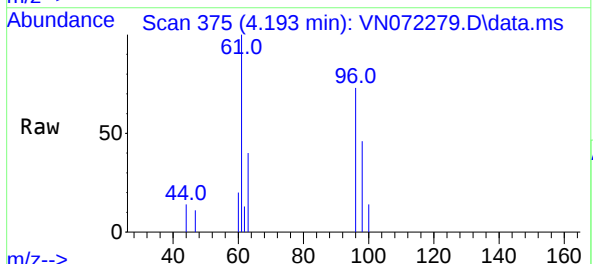
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

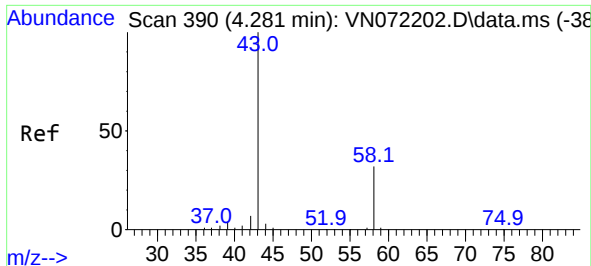
Tgt Ion:101 Resp: 3582
Ion Ratio Lower Upper
101 100
103 54.2 51.5 77.3



#12
1,1-Dichloroethene
Concen: 2.484 ug/l
RT: 4.193 min Scan# 375
Delta R.T. 0.012 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion: 96 Resp: 4258
Ion Ratio Lower Upper
96 100
61 136.2 127.6 191.4
98 62.3 51.2 76.8





#16

Acetone

Concen: 4.220 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.006 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA_N

ClientSampleId :

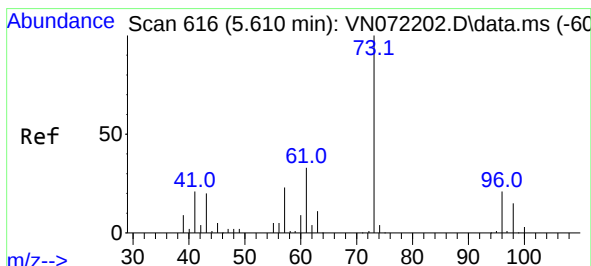
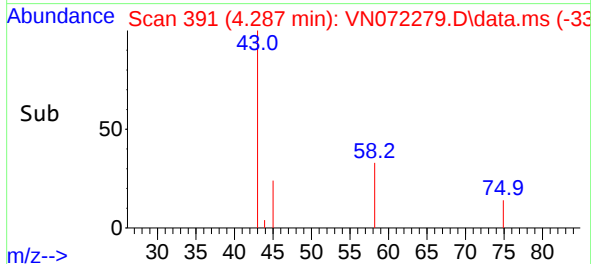
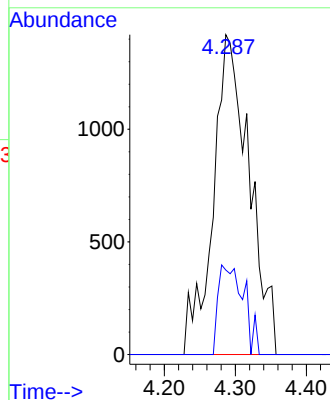
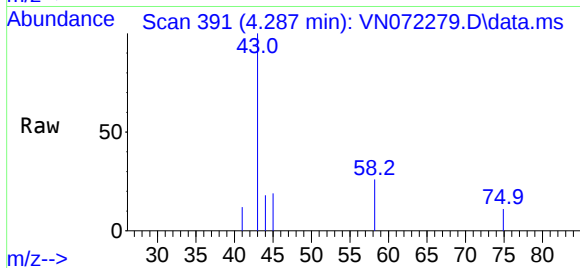
MW-14DRE

Tgt Ion: 43 Resp: 5014

Ion Ratio Lower Upper

43 100

58 26.4 26.0 39.0



#19

Methyl tert-butyl Ether

Concen: 0.576 ug/l

RT: 5.616 min Scan# 617

Delta R.T. 0.006 min

Lab File: VN072279.D

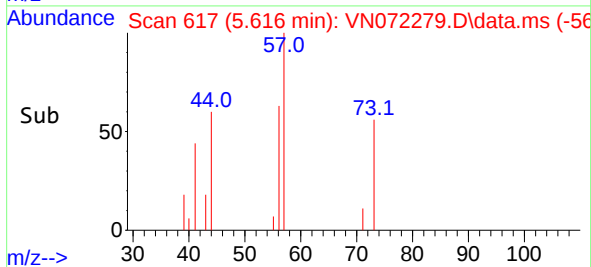
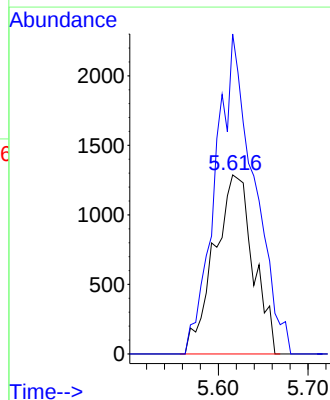
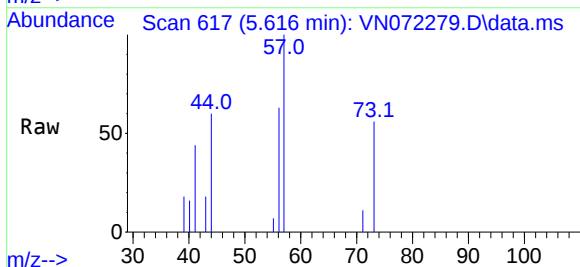
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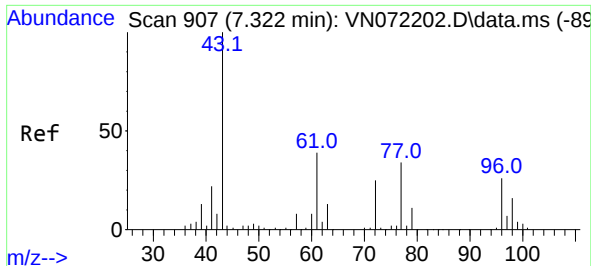
Tgt Ion: 73 Resp: 3868

Ion Ratio Lower Upper

73 100

57 178.6 17.6 26.4#



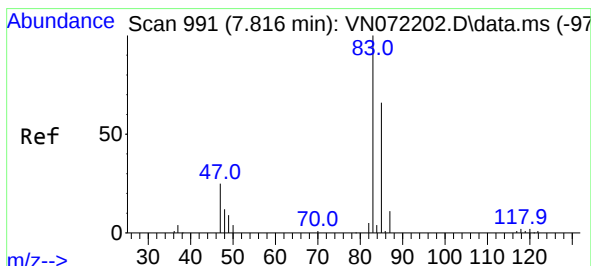
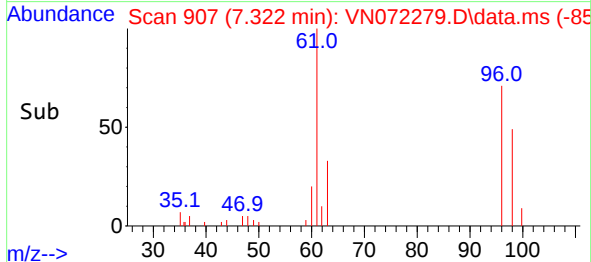
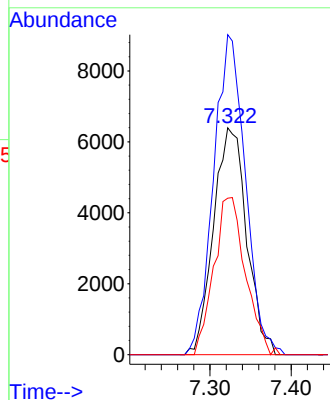
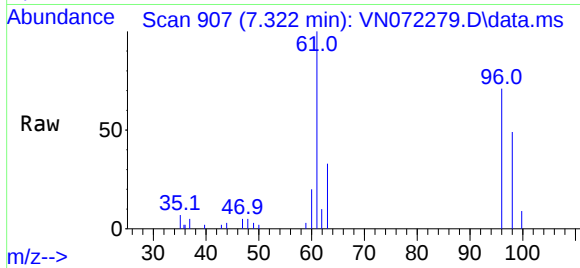


#27
 cis-1,2-Dichloroethene
 Concen: 7.874 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072279.D
 Acq: 29 Apr 2022 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DRE

Tgt Ion: 96 Resp: 18145

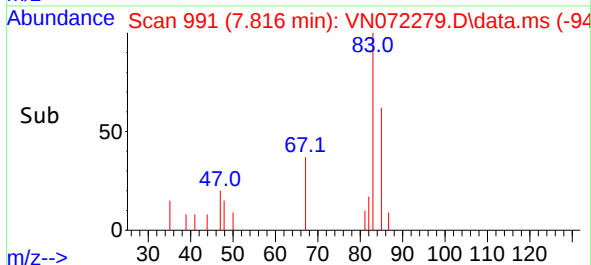
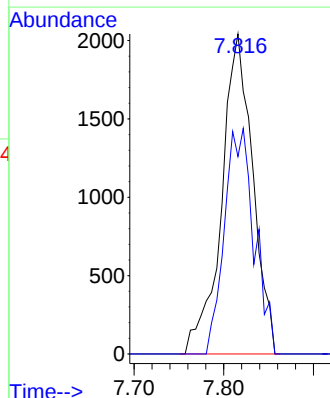
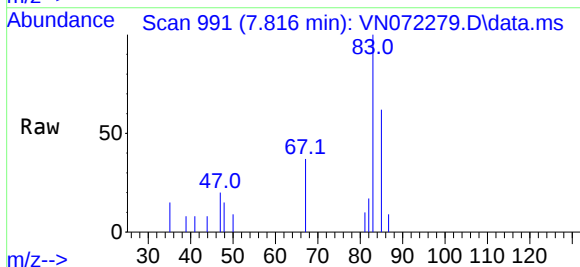
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	280.6
98	66.1	0.0	128.4

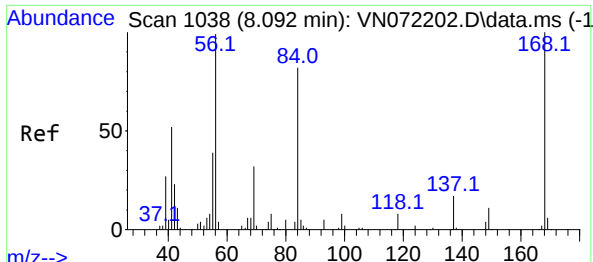


#30
 Chloroform
 Concen: 1.196 ug/l
 RT: 7.816 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VN072279.D
 Acq: 29 Apr 2022 18:58

Tgt Ion: 83 Resp: 4926

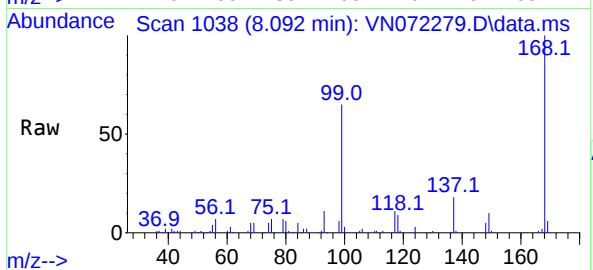
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.8	77.8



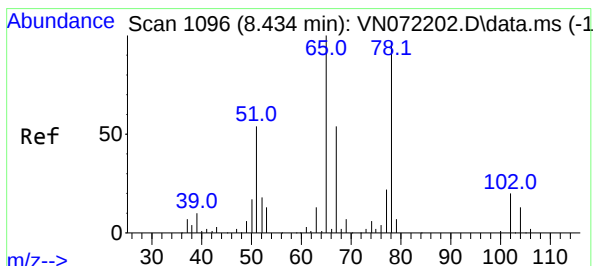
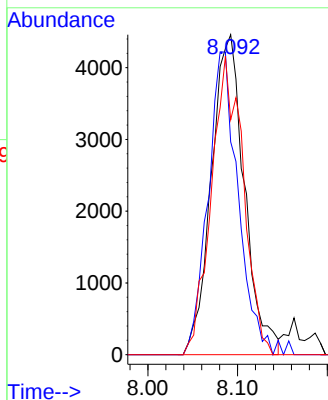
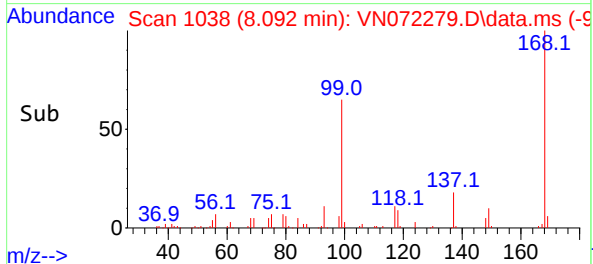


#31
Cyclohexane
Concen: 3.098 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

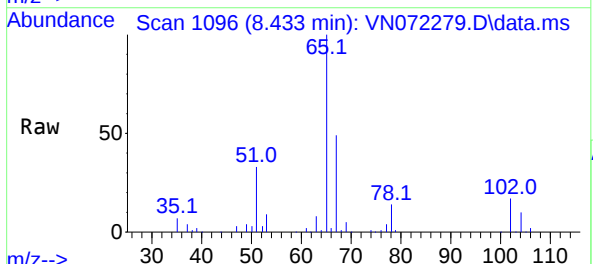
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE



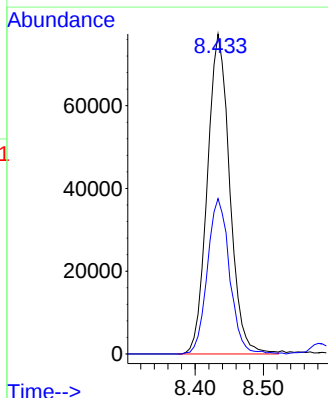
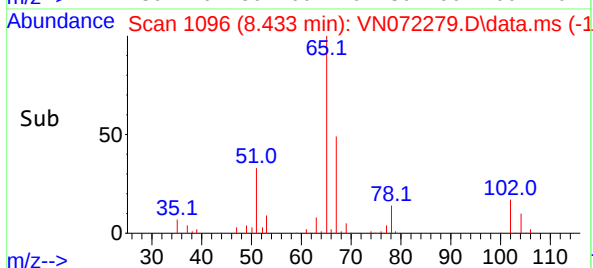
Tgt Ion: 56 Resp: 11406
Ion Ratio Lower Upper
56 100
69 66.5 27.8 41.8#
84 73.4 76.9 115.3#

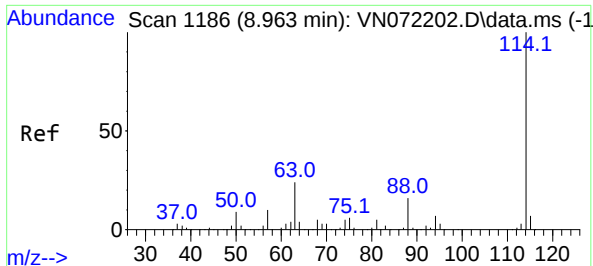


#33
1,2-Dichloroethane-d4
Concen: 64.074 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58



Tgt Ion: 65 Resp: 176560
Ion Ratio Lower Upper
65 100
67 48.3 0.0 104.8

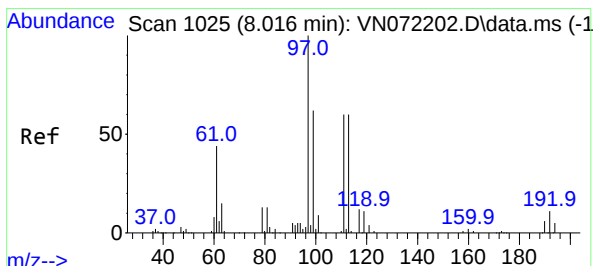
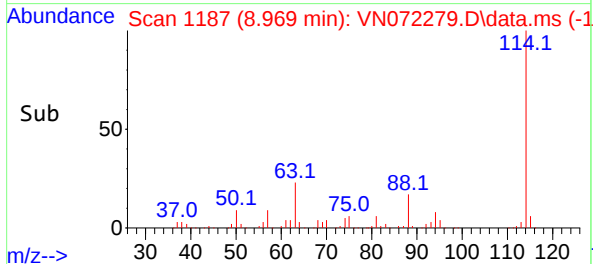
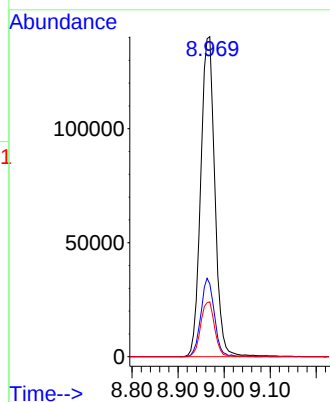
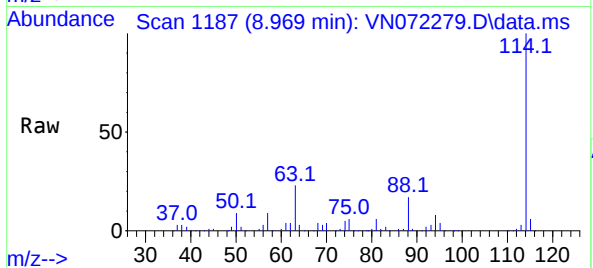




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

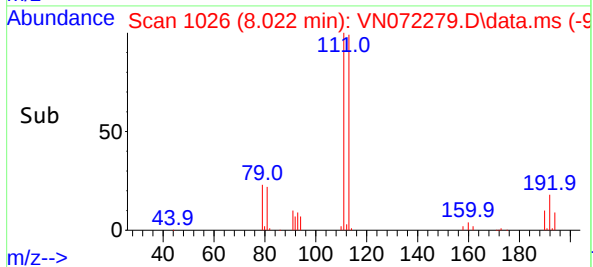
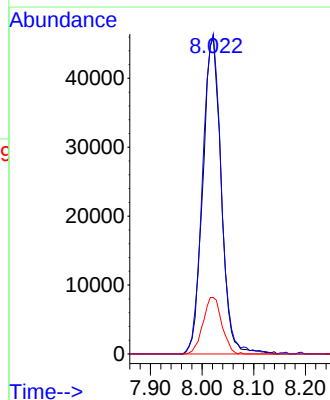
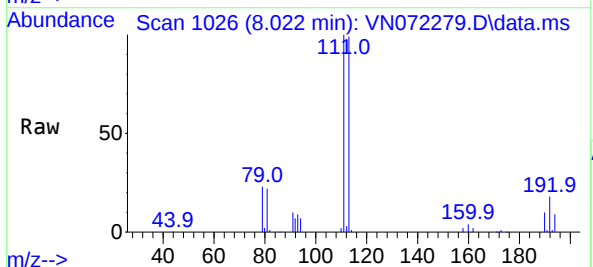
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

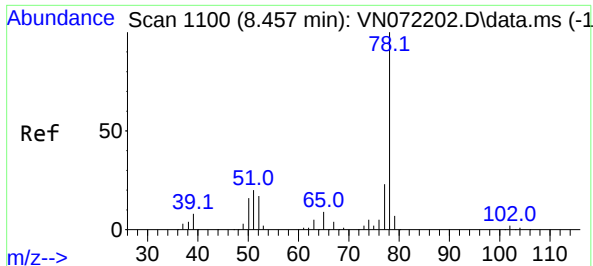
Tgt Ion:114 Resp: 300274
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.0
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 58.934 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion:113 Resp: 113266
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.3 17.0 25.6

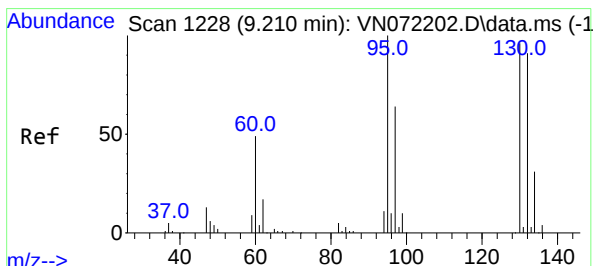
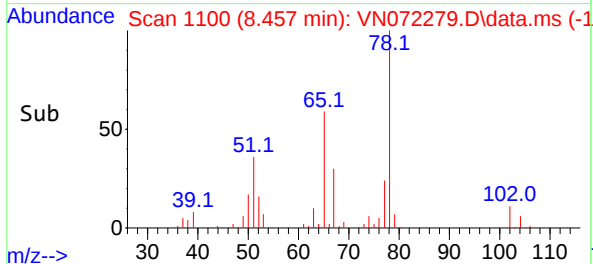
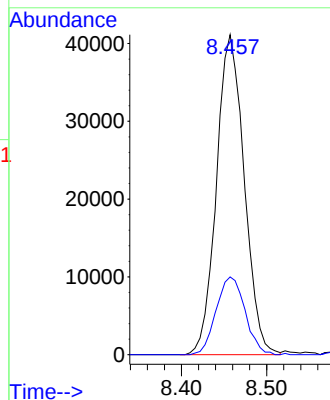
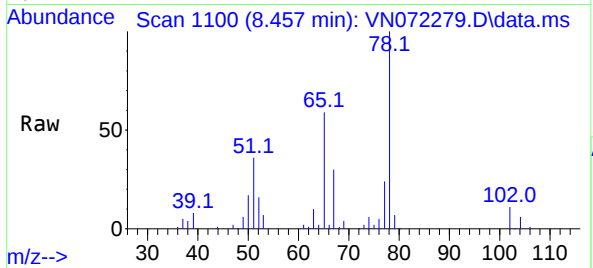




#40
Benzene
Concen: 10.735 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

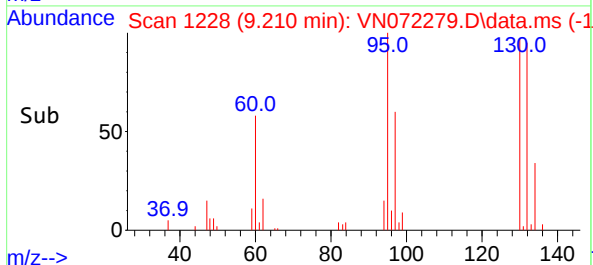
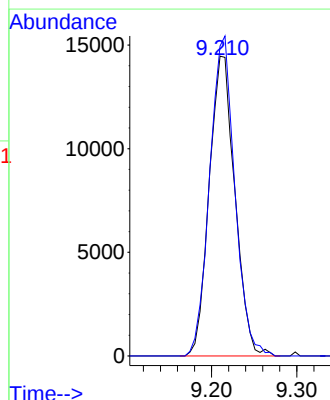
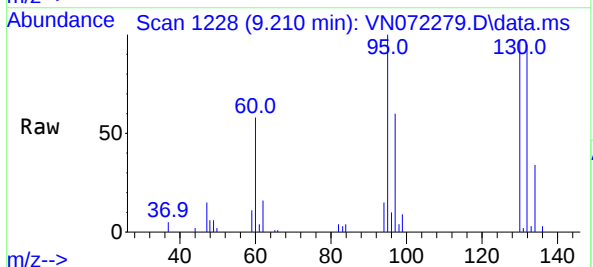
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

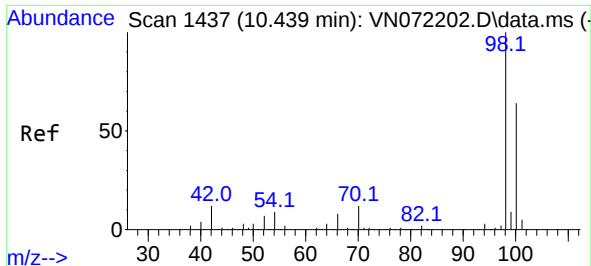
Tgt Ion: 78 Resp: 93153
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



#44
Trichloroethene
Concen: 14.996 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion:130 Resp: 30269
Ion Ratio Lower Upper
130 100
95 103.3 0.0 186.8

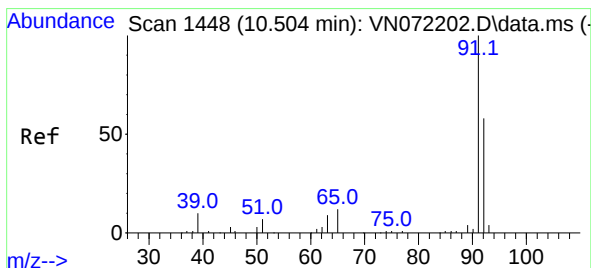
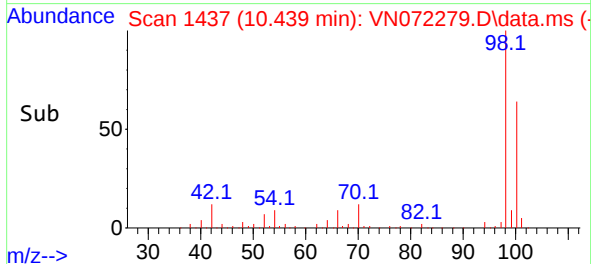
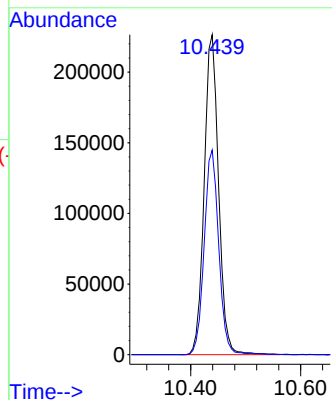
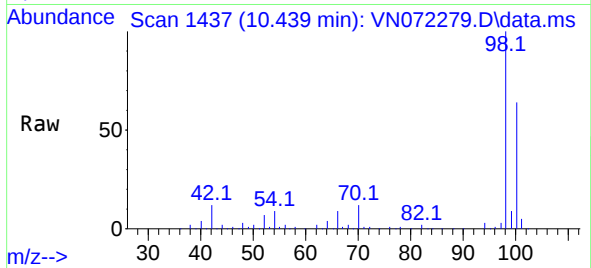




#50
Toluene-d8
Concen: 54.435 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

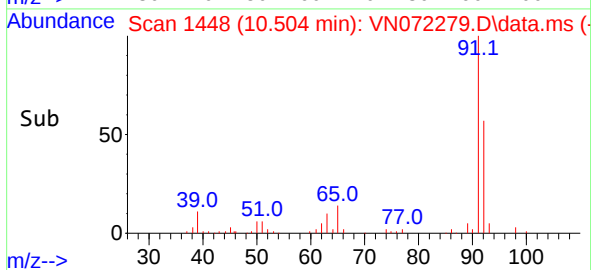
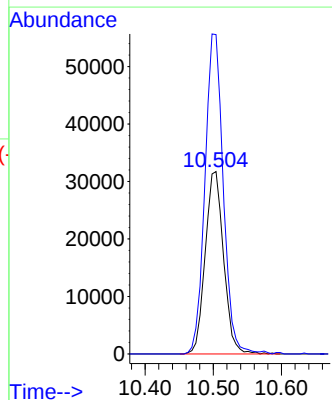
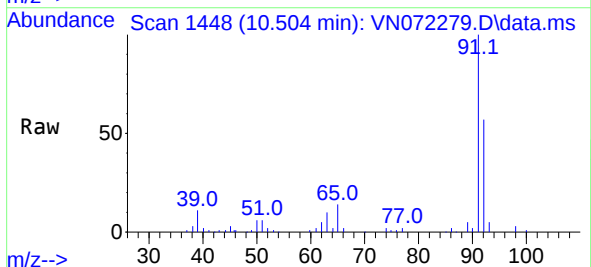
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

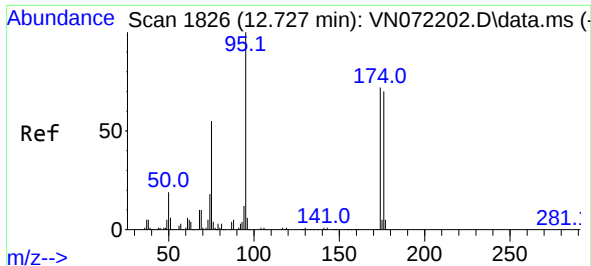
Tgt Ion: 98 Resp: 411095
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 11.477 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion: 92 Resp: 59537
Ion Ratio Lower Upper
92 100
91 174.9 138.6 207.8

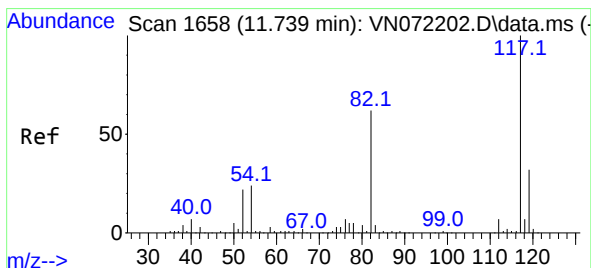
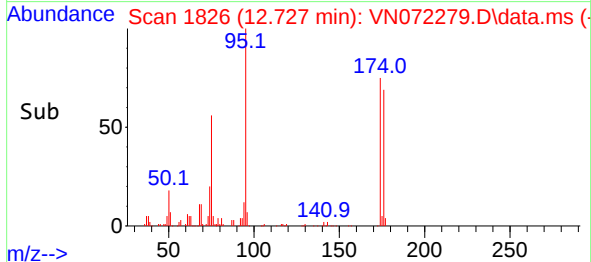
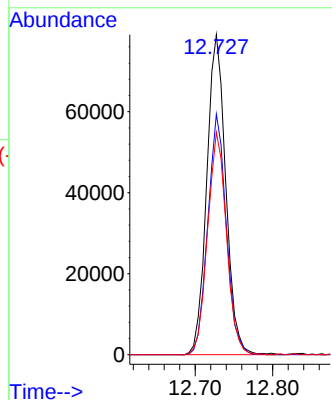
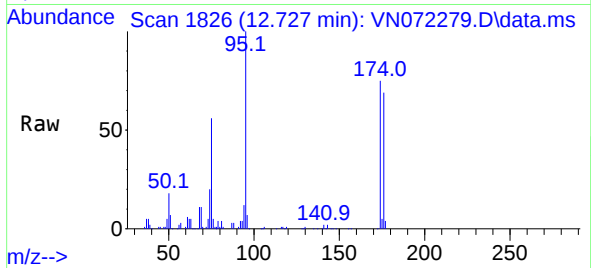




#62
4-Bromofluorobenzene
Concen: 53.563 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

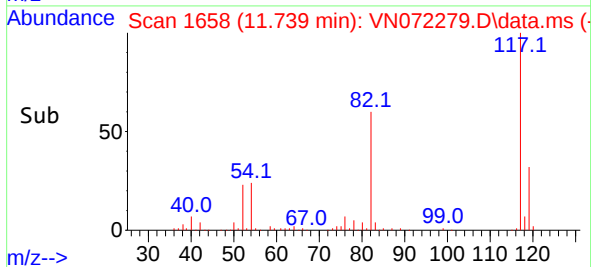
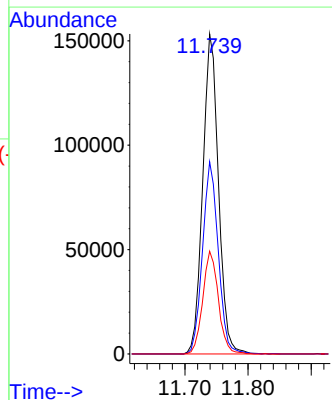
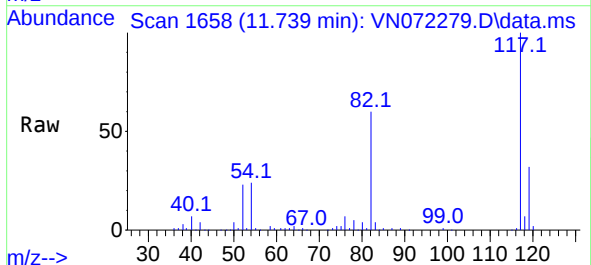
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

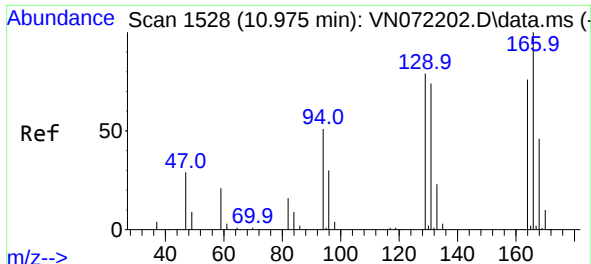
Tgt Ion: 95 Resp: 134263
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 69.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

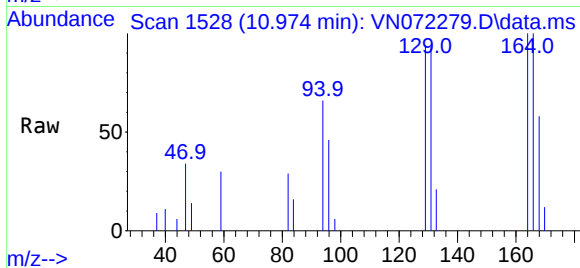
Tgt Ion: 117 Resp: 264471
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 32.1 25.4 38.0



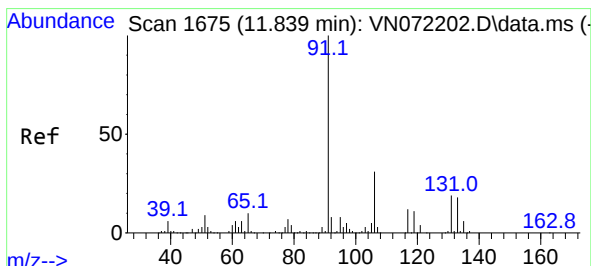
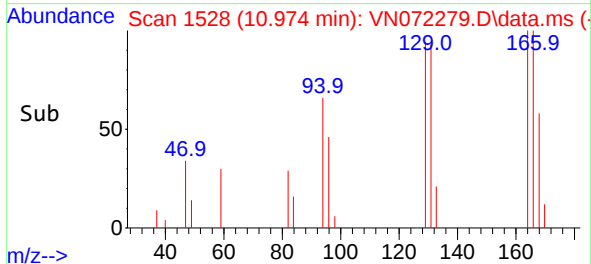
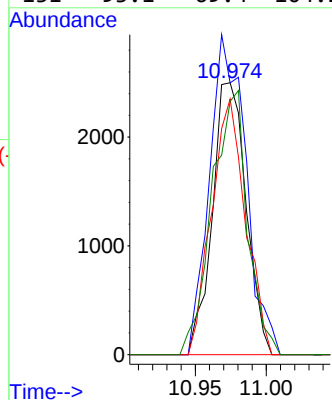


#64
Tetrachloroethene
Concen: 2.598 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

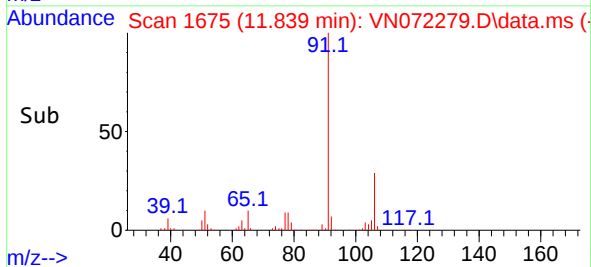
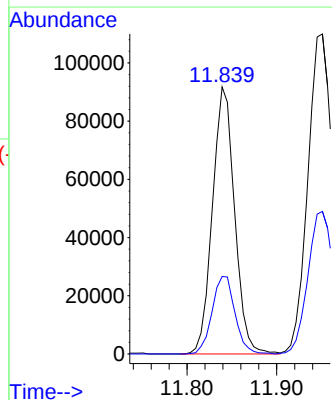
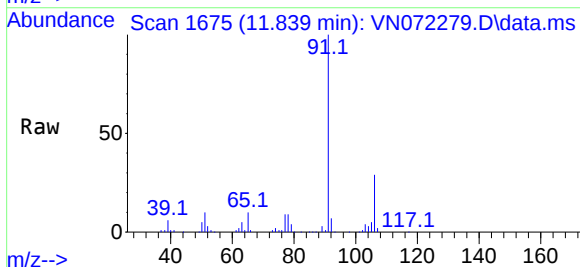


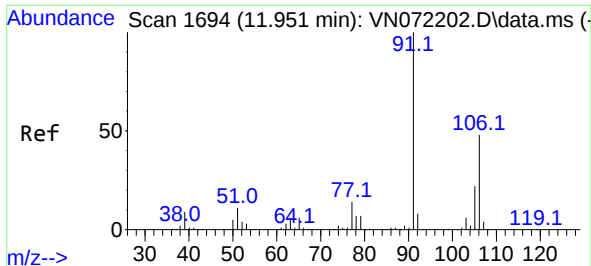
Tgt Ion:164 Resp: 4136
Ion Ratio Lower Upper
164 100
166 99.9 104.2 156.2#
129 94.0 73.9 110.9
131 93.1 69.4 104.2



#67
Ethyl Benzene
Concen: 16.882 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion: 91 Resp: 157327
Ion Ratio Lower Upper
91 100
106 29.0 24.9 37.3

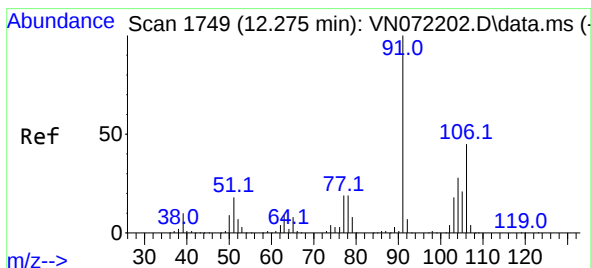
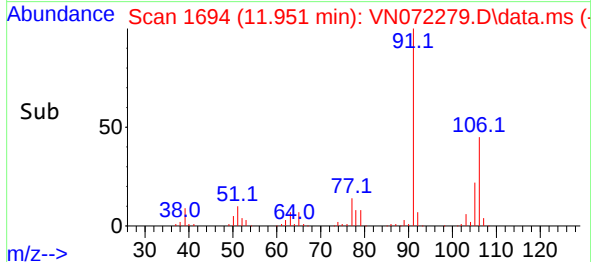
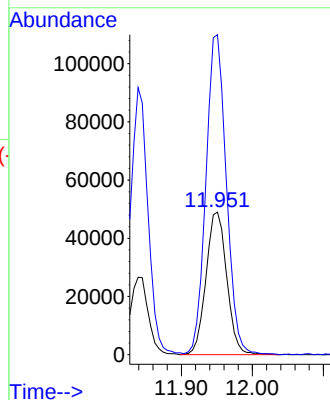
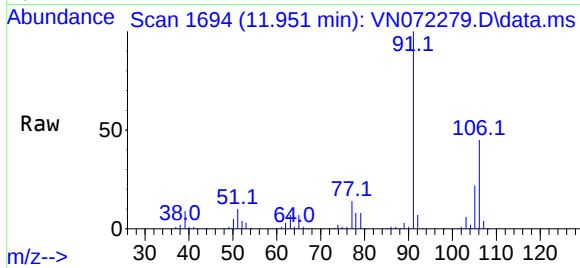




#68
m/p-Xylenes
Concen: 28.787 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

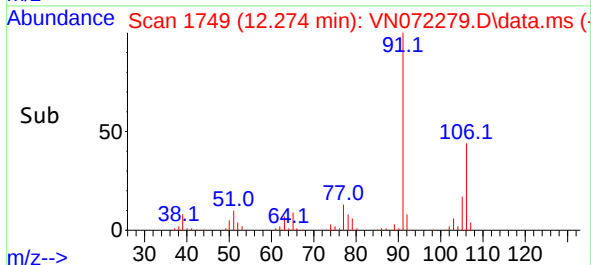
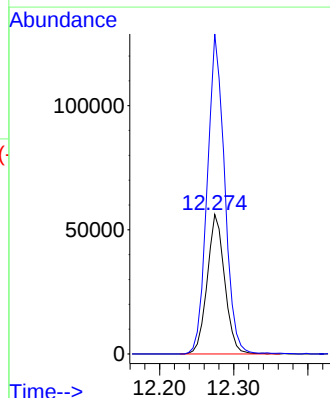
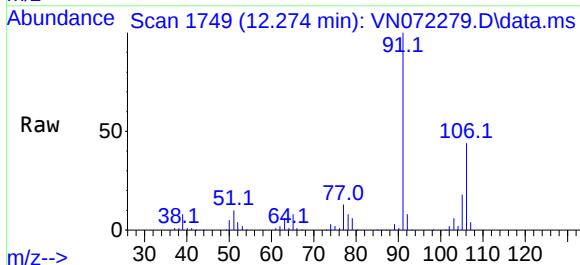
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

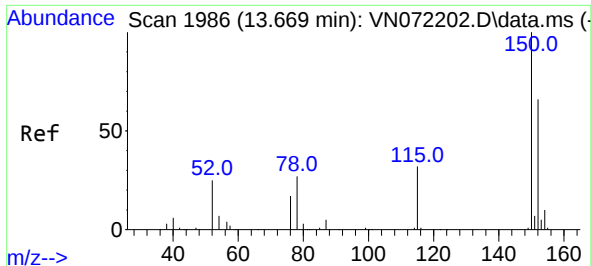
Tgt Ion:106 Resp: 99618
Ion Ratio Lower Upper
106 100
91 220.8 158.9 238.3



#69
o-Xylene
Concen: 27.451 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion:106 Resp: 92092
Ion Ratio Lower Upper
106 100
91 227.5 106.0 318.0

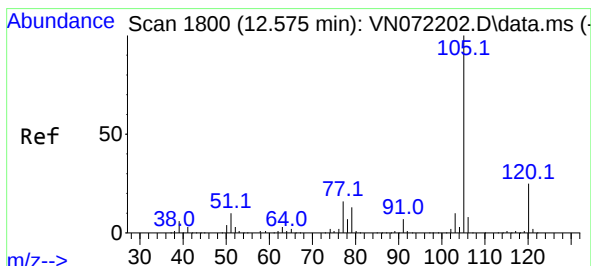
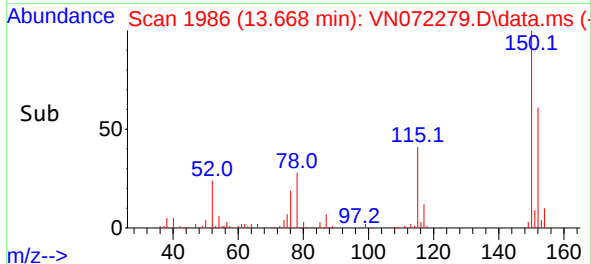
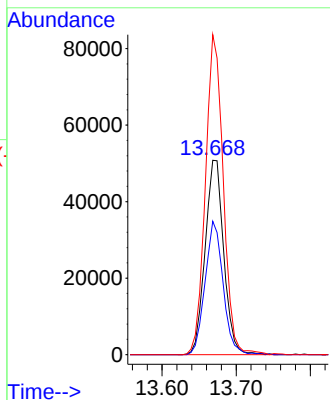
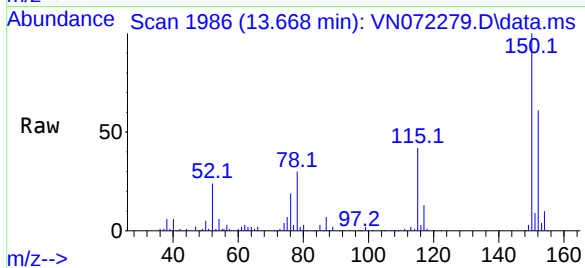




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

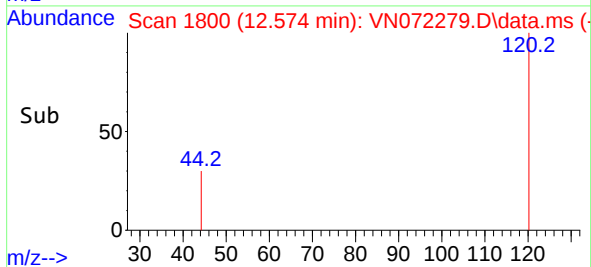
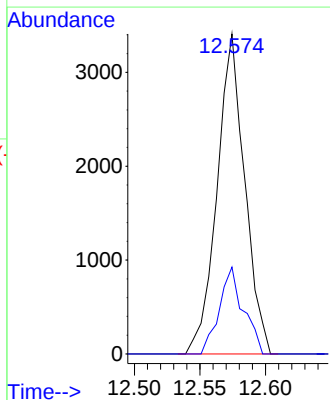
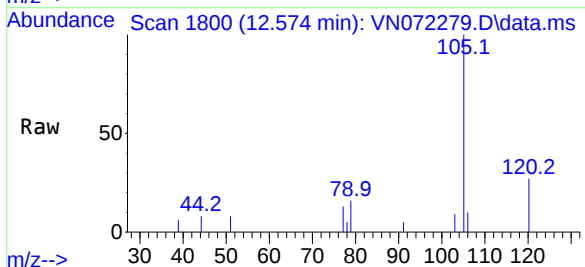
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

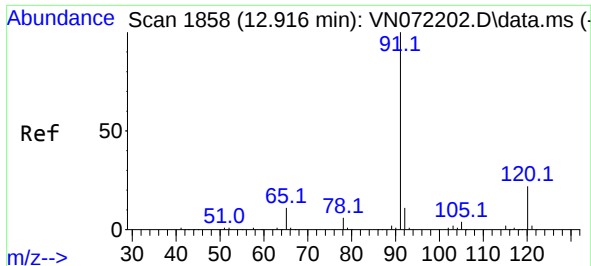
Tgt Ion:152 Resp: 88840
Ion Ratio Lower Upper
152 100
115 66.5 28.9 86.7
150 157.6 0.0 356.2



#73
Isopropylbenzene
Concen: 0.637 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion:105 Resp: 4995
Ion Ratio Lower Upper
105 100
120 23.6 13.5 40.4

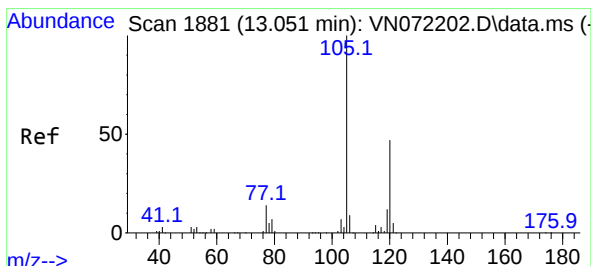
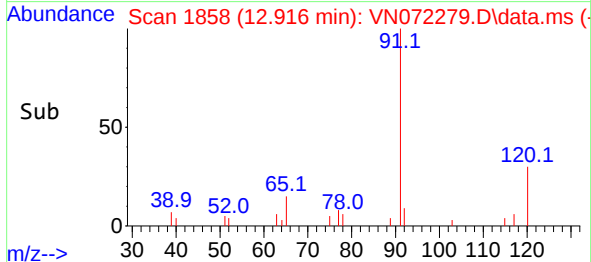
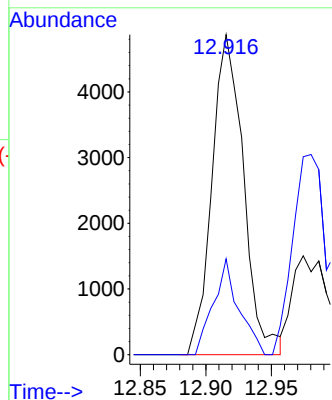
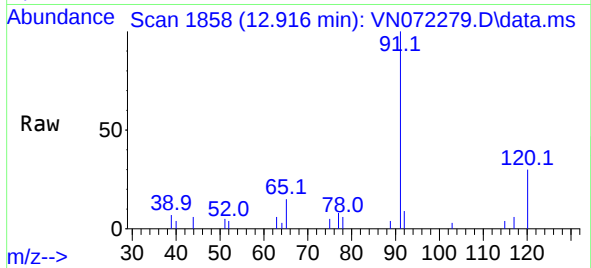




#78
n-propylbenzene
Concen: 0.943 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

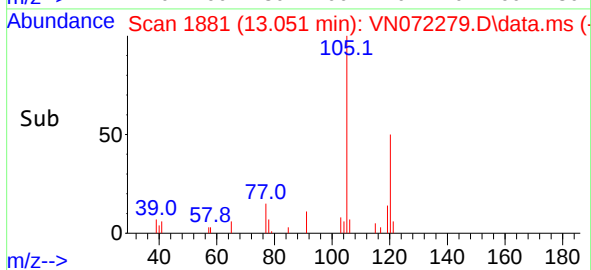
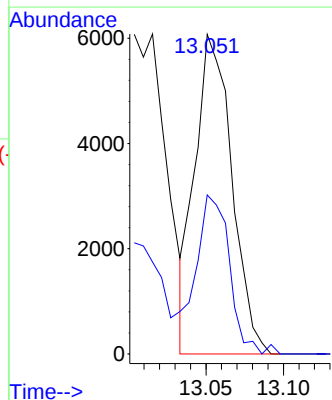
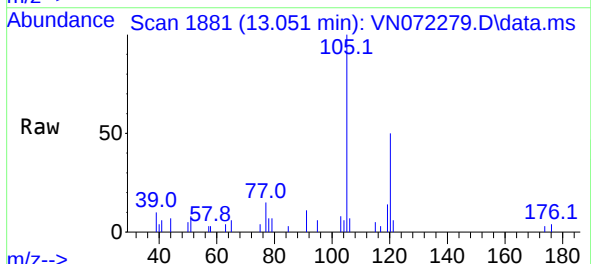
Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

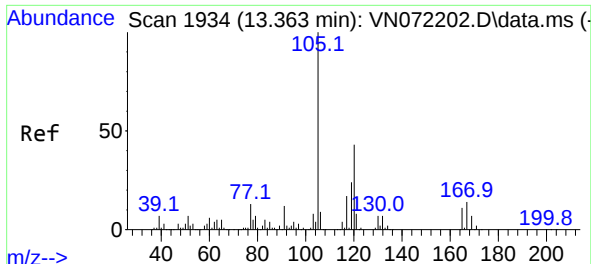
Tgt Ion: 91 Resp: 8151
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.534 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion: 105 Resp: 10025
Ion Ratio Lower Upper
105 100
120 44.4 24.9 74.7

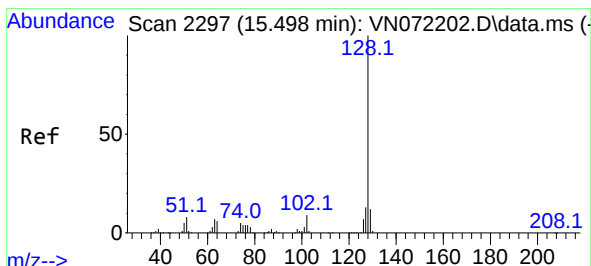
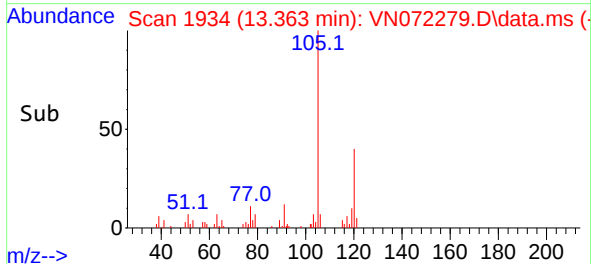
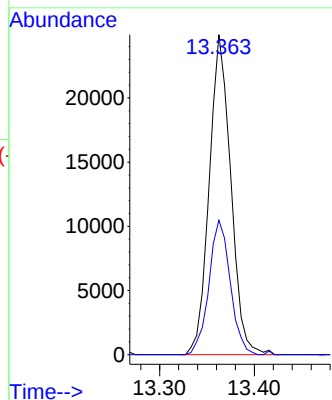
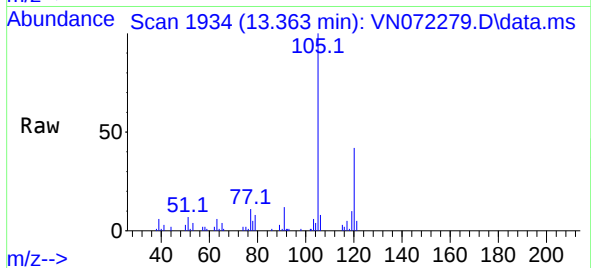




#84
1,2,4-Trimethylbenzene
Concen: 6.229 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Instrument :
MSVOA_N
ClientSampleId :
MW-14DRE

Tgt Ion:105 Resp: 39385
Ion Ratio Lower Upper
105 100
120 41.6 23.3 69.8



#95
Naphthalene
Concen: 5.861 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072279.D
Acq: 29 Apr 2022 18:58

Tgt Ion:128 Resp: 7863
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 10.7 8.6 13.0

