

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073980.D
 Acq On : 17 Aug 2022 16:47
 Operator : JC\MD
 Sample : N4204-27 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: Aug 18 00:47:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

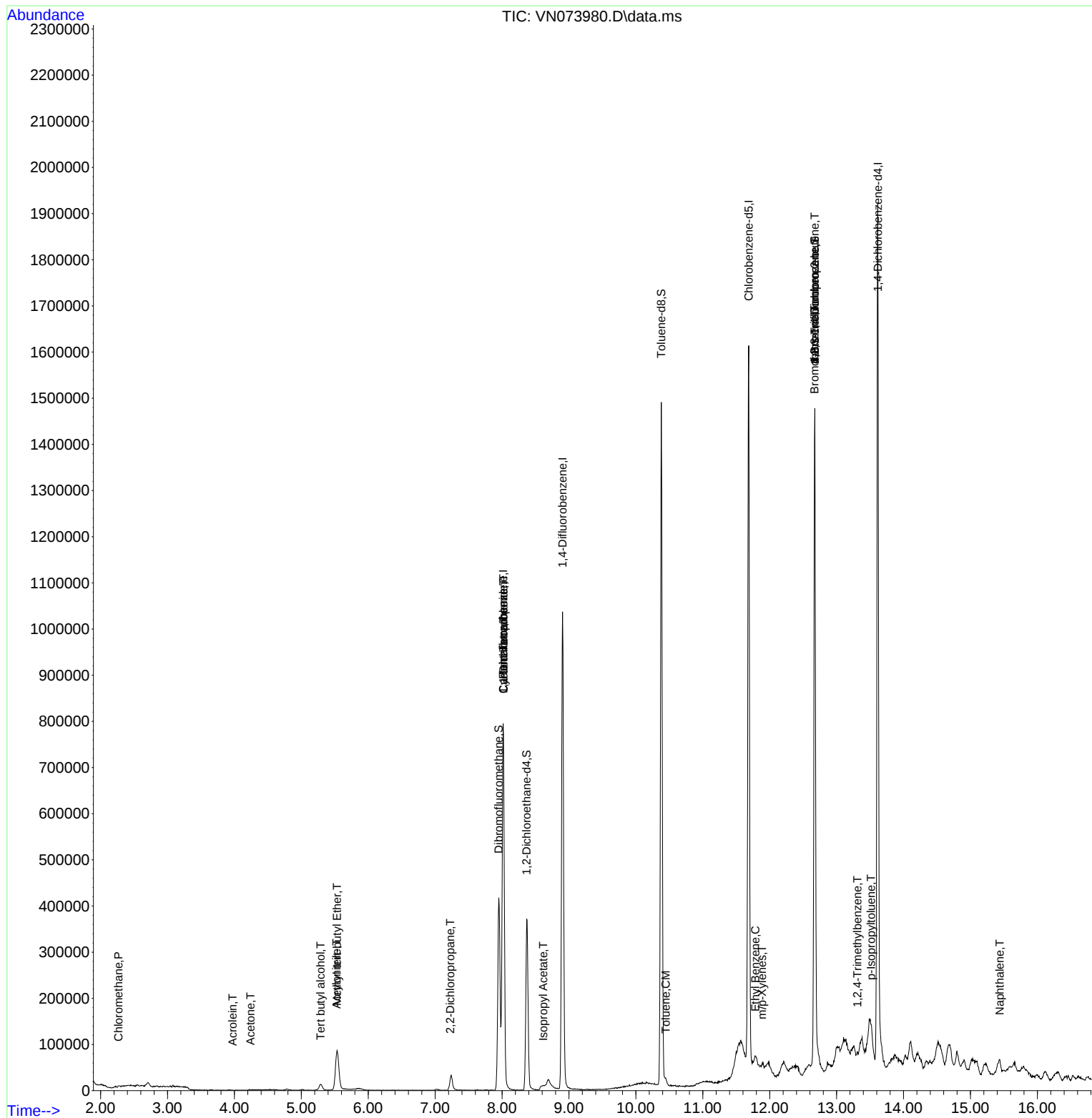
Internal Standards						
1) Pentafluorobenzene	8.016	168	681567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	991484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	967245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	545320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	319176	48.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.160%
35) Dibromofluoromethane	7.951	113	306974	52.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	10.380	98	1059925	46.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.674	95	467282	62.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1298	0.216	ug/l #	56
11) Tert butyl alcohol	5.287	59	26252	17.679	ug/l	97
13) Acrolein	3.975	56	253	0.243	ug/l	91
15) Acrylonitrile	5.528	53	1118	0.308	ug/l #	15
16) Acetone	4.240	43	2351	0.751	ug/l #	80
18) Methyl Acetate	4.781	43	5513	Below Cal		95
19) Methyl tert-butyl Ether	5.534	73	150697	7.779	ug/l	98
26) 2,2-Dichloropropane	7.228	77	2576	0.261	ug/l #	53
31) Cyclohexane	8.022	56	10508	1.135	ug/l #	13
36) 1,1-Dichloropropene	8.022	75	42497	5.218	ug/l #	49
38) Carbon Tetrachloride	8.022	117	59593	6.402	ug/l #	16
43) Isopropyl Acetate	8.616	43	10788	0.768	ug/l #	53
52) Toluene	10.445	92	5123	0.291	ug/l	95
67) Ethyl Benzene	11.786	91	9679	0.283	ug/l	94
68) m/p-Xylenes	11.886	106	4120	0.297	ug/l	93
76) 1,2,3-Trichloropropane	12.674	75	229356	20.235	ug/l #	1
77) Bromobenzene	12.669	156	3166	0.295	ug/l #	56
81) trans-1,4-Dichloro-2-b...	12.674	75	229356	57.553	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.310	105	9526	0.295	ug/l	71
86) p-Isopropyltoluene	13.516	119	8412	0.256	ug/l #	53
95) Naphthalene	15.439	128	18738	0.491	ug/l #	15

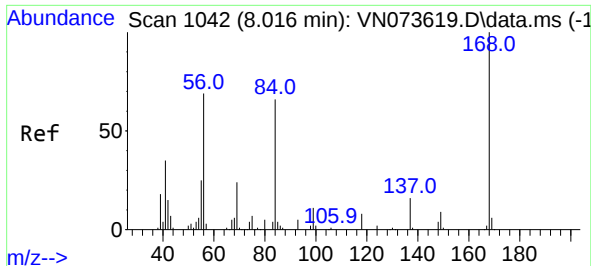
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
Data File : VN073980.D
Acq On : 17 Aug 2022 16:47
Operator : JC\MD
Sample : N4204-27 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Quant Time: Aug 18 00:47:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

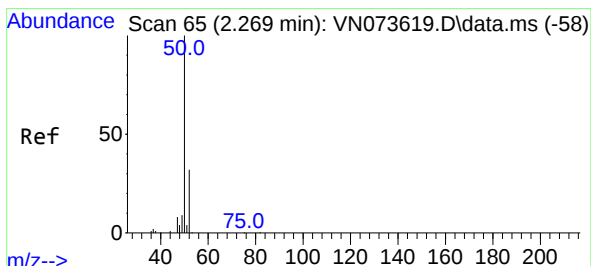
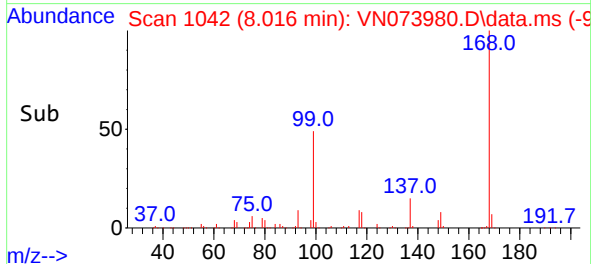
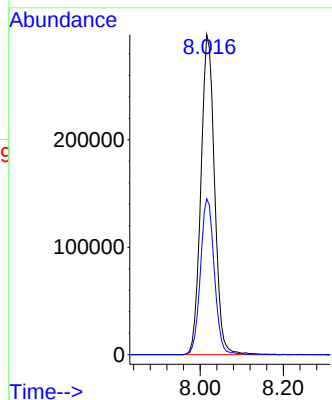
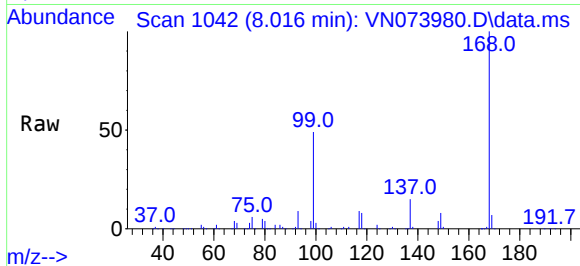




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

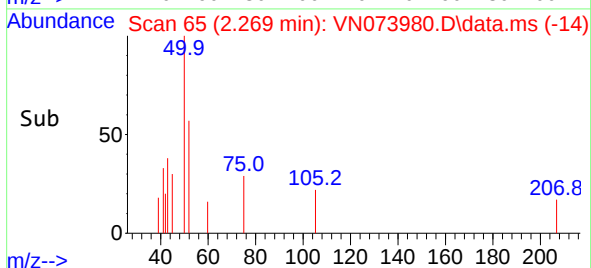
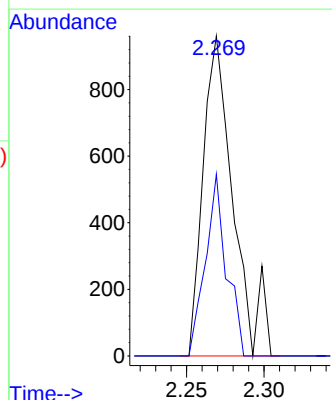
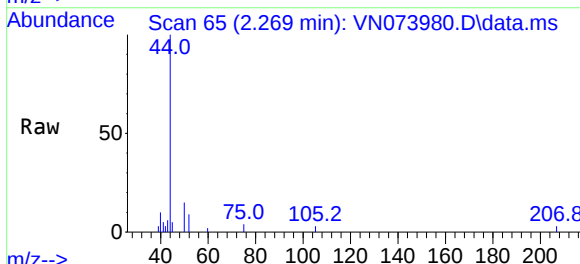
Instrument :
MSVOA_N
ClientSampleId :
MW-15

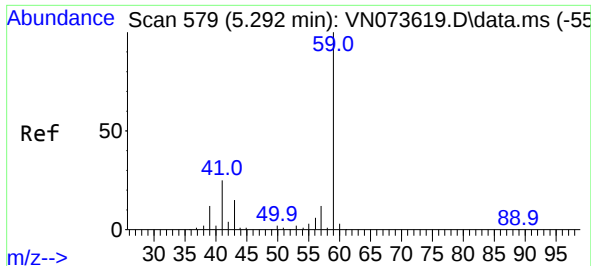
Tgt Ion:168 Resp: 681567
Ion Ratio Lower Upper
168 100
99 48.7 42.3 63.5



#3
Chloromethane
Concen: 0.216 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 50 Resp: 1298
Ion Ratio Lower Upper
50 100
52 56.8 25.7 38.5#

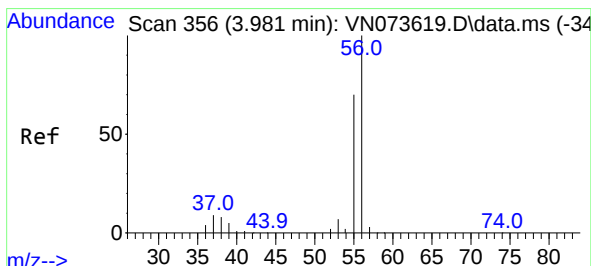
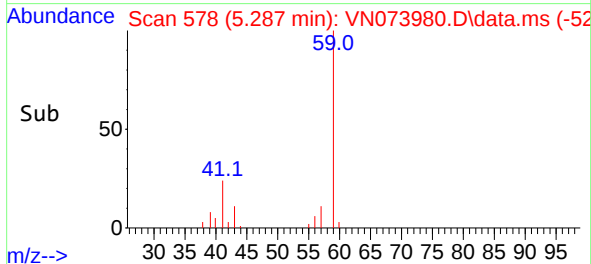
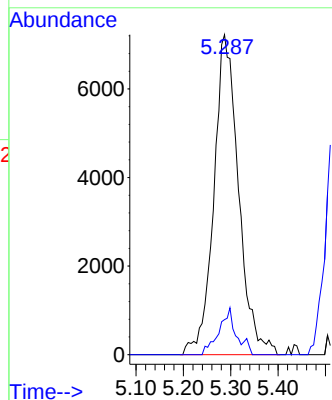
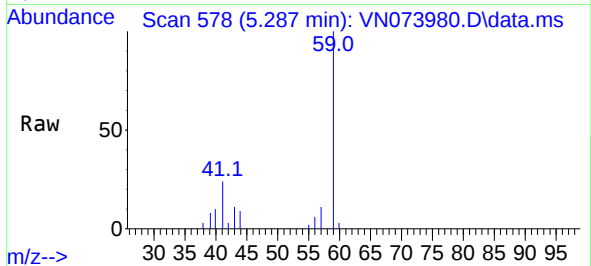




#11
Tert butyl alcohol
Concen: 17.679 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

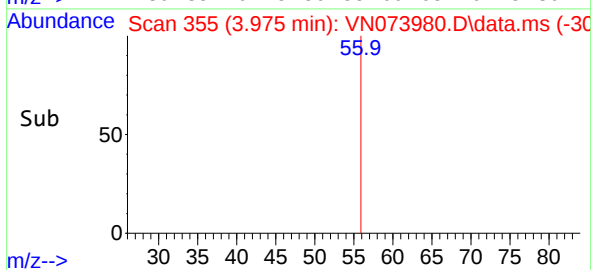
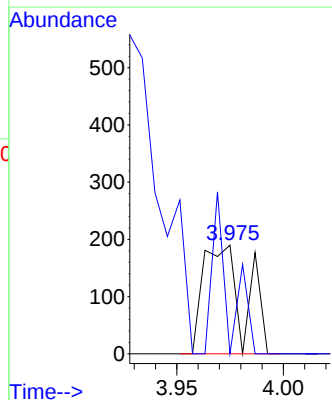
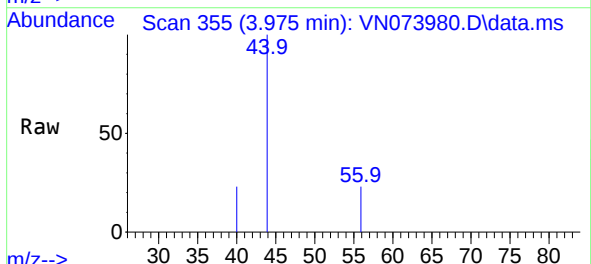
Instrument :
MSVOA_N
ClientSampleId :
MW-15

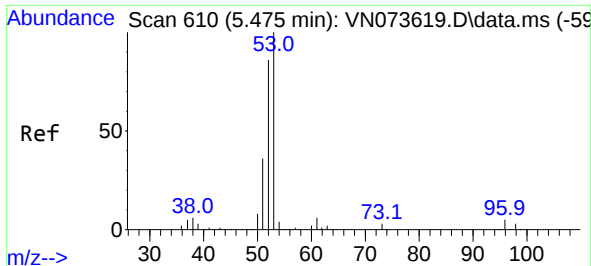
Tgt Ion: 59 Resp: 26252
Ion Ratio Lower Upper
59 100
57 9.2 8.3 12.5



#13
Acrolein
Concen: 0.243 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 56 Resp: 253
Ion Ratio Lower Upper
56 100
55 61.3 54.8 82.2

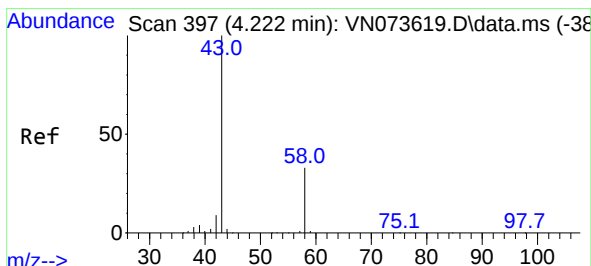
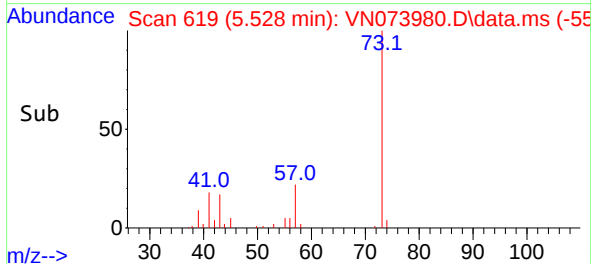
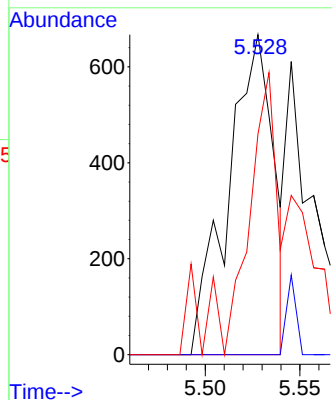
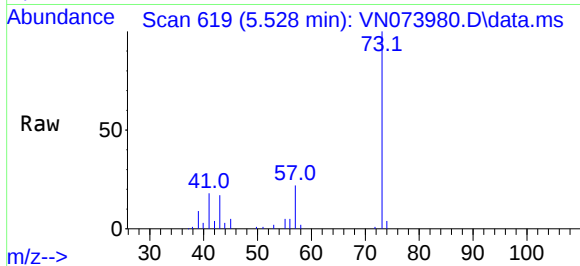




#15
Acrylonitrile
Concen: 0.308 ug/l
RT: 5.528 min Scan# 610
Delta R.T. 0.053 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

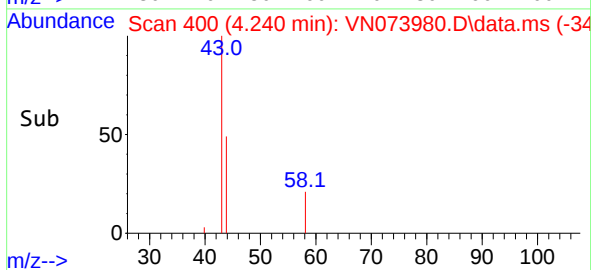
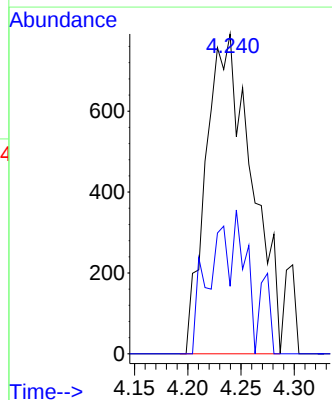
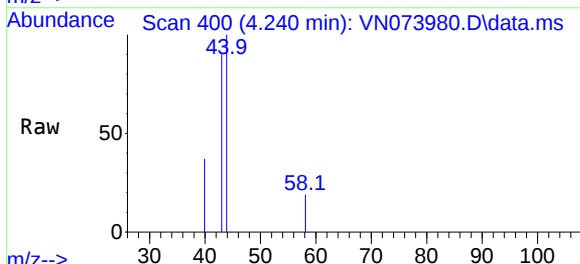
Instrument :
MSVOA_N
ClientSampleId :
MW-15

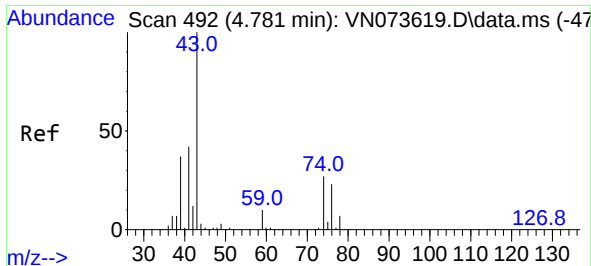
Tgt Ion: 53 Resp: 1118
Ion Ratio Lower Upper
53 100
52 5.3 66.4 99.6#
51 82.8 28.5 42.7#



#16
Acetone
Concen: 0.751 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
58 21.1 26.0 39.0#

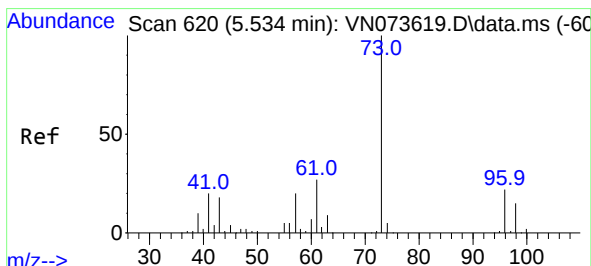
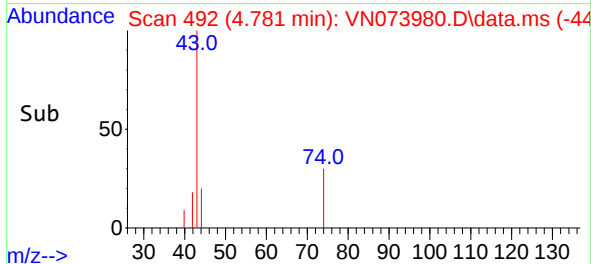
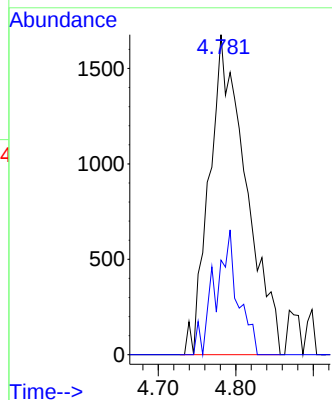
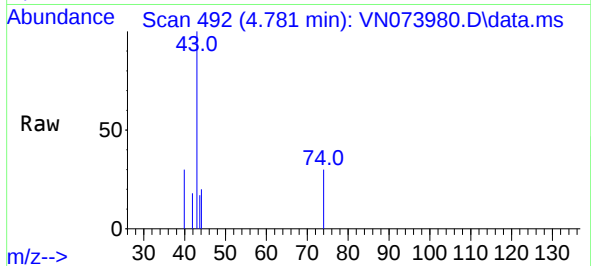




#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

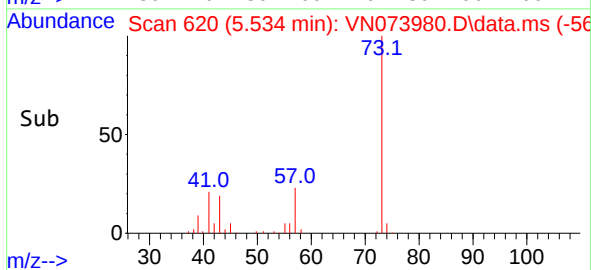
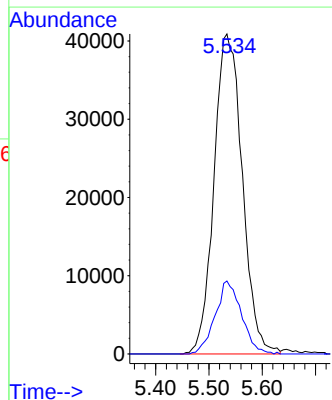
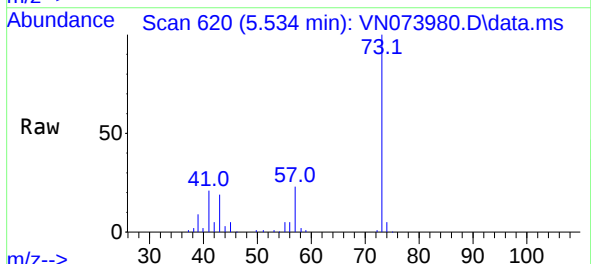
Instrument :
MSVOA_N
ClientSampleId :
MW-15

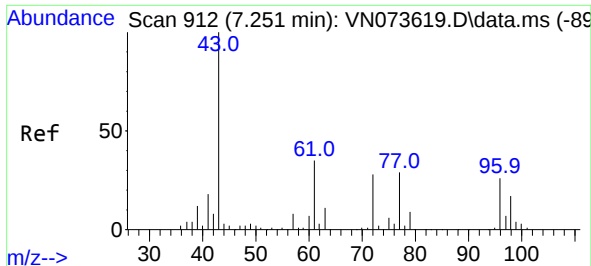
Tgt Ion: 43 Resp: 5513
Ion Ratio Lower Upper
43 100
74 24.4 21.6 32.4



#19
Methyl tert-butyl Ether
Concen: 7.779 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 73 Resp: 150697
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4





#26

2,2-Dichloropropane

Concen: 0.261 ug/l

RT: 7.228 min Scan# 90

Delta R.T. -0.023 min

Lab File: VN073980.D

Acq: 17 Aug 2022 16:47

Instrument :

MSVOA_N

ClientSampleId :

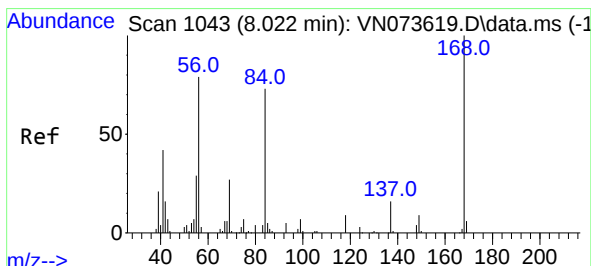
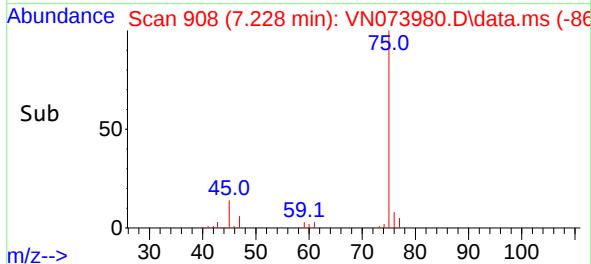
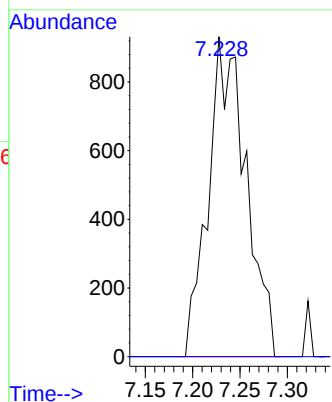
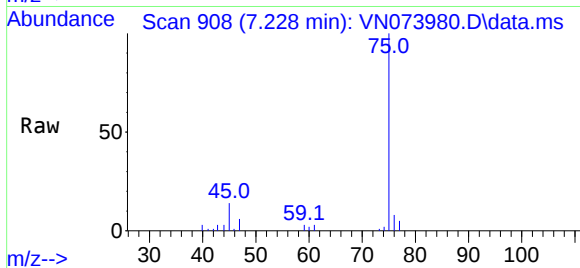
MW-15

Tgt Ion: 77 Resp: 2576

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073980.D

Acq: 17 Aug 2022 16:47

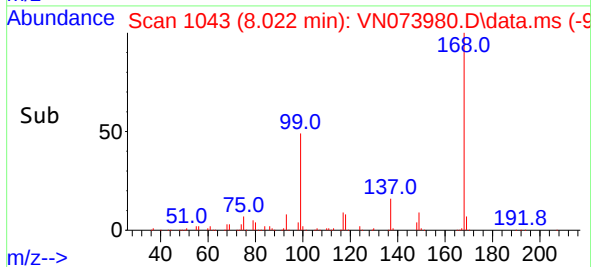
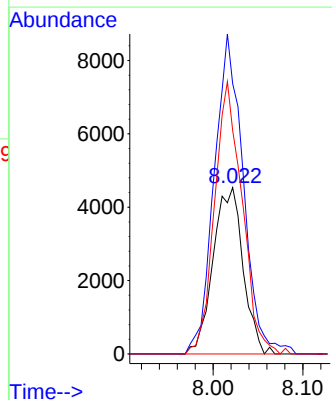
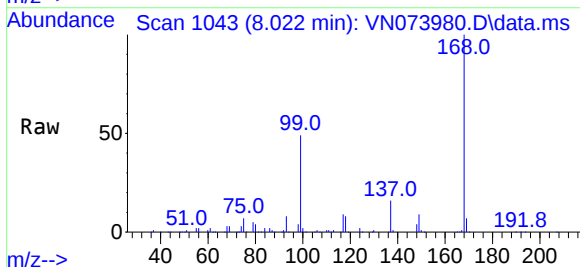
Tgt Ion: 56 Resp: 10508

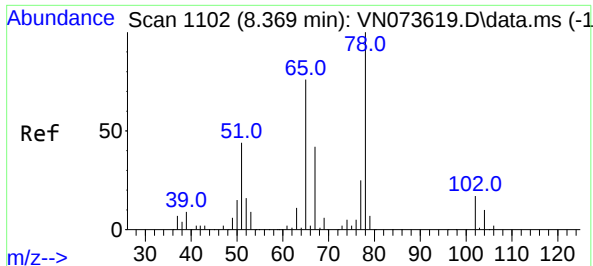
Ion Ratio Lower Upper

56 100

69 162.4 27.8 41.8#

84 134.3 76.9 115.3#

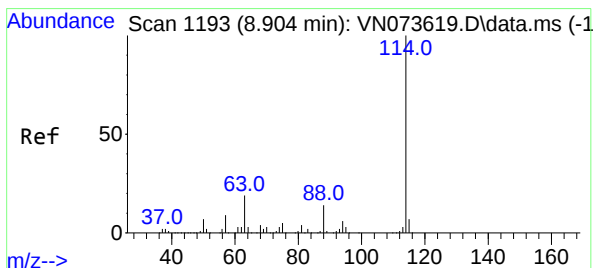
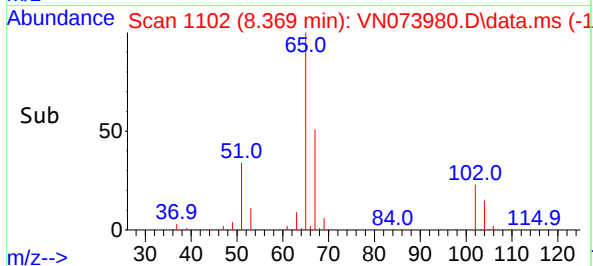
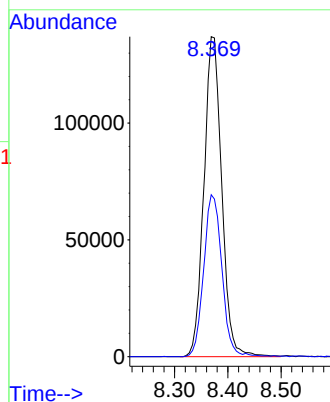
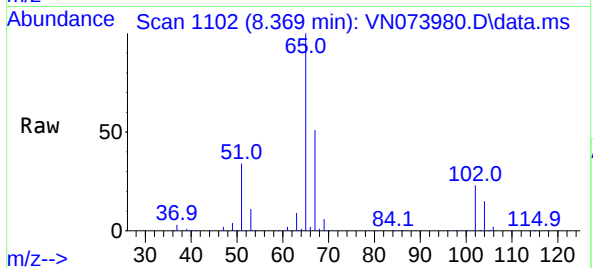




#33
1,2-Dichloroethane-d4
Concen: 48.080 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

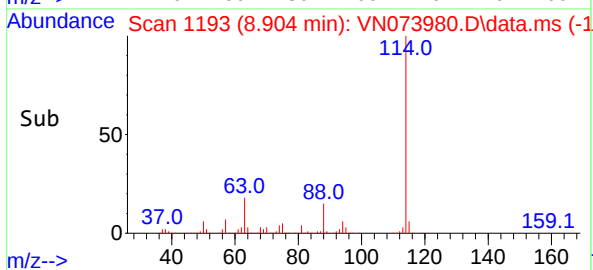
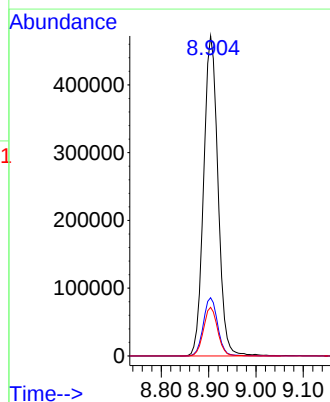
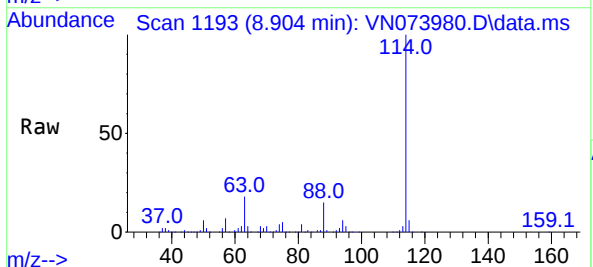
Instrument :
MSVOA_N
ClientSampleId :
MW-15

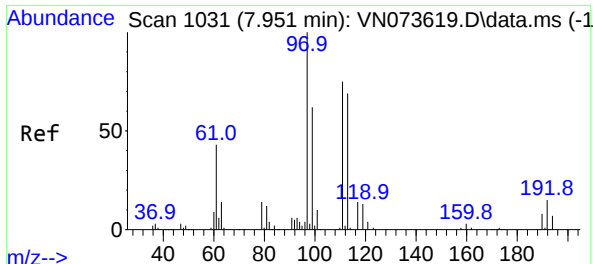
Tgt Ion: 65 Resp: 319176
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 114 Resp: 991484
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.0
88 15.2 0.0 32.6

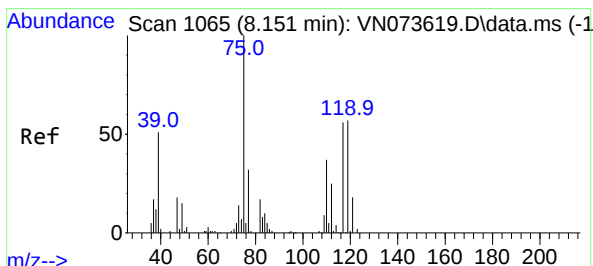
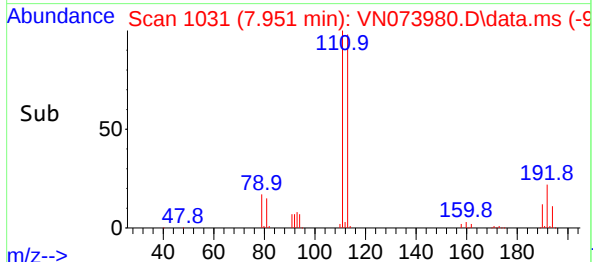
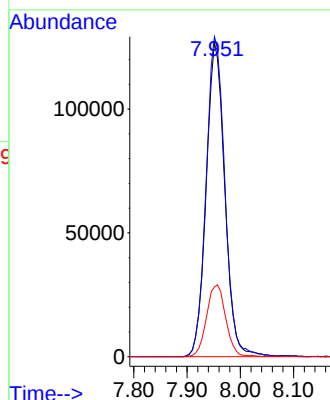
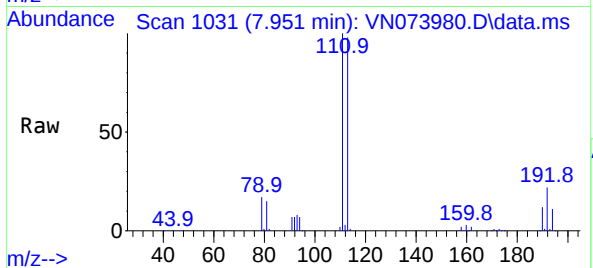




#35
Dibromofluoromethane
Concen: 52.353 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

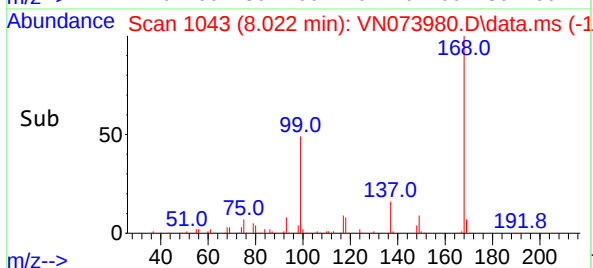
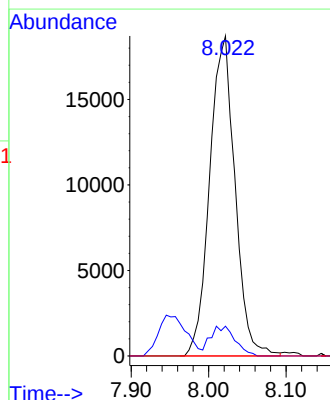
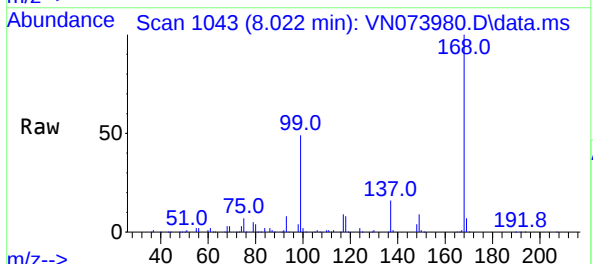
Instrument :
MSVOA_N
ClientSampleId :
MW-15

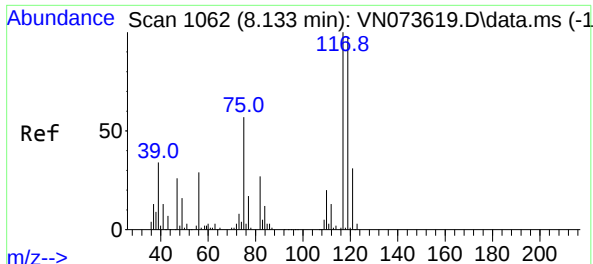
Tgt Ion:113 Resp: 306974
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 23.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 75 Resp: 42497
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#

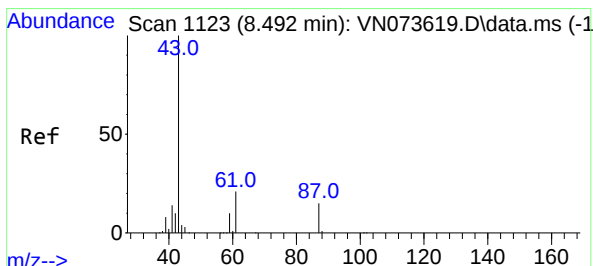
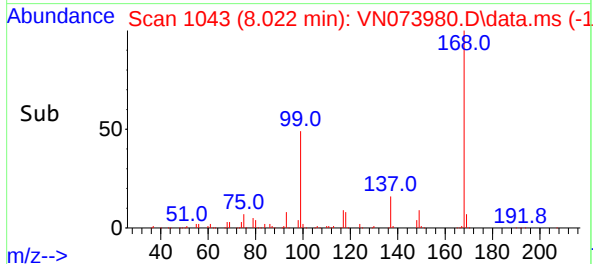
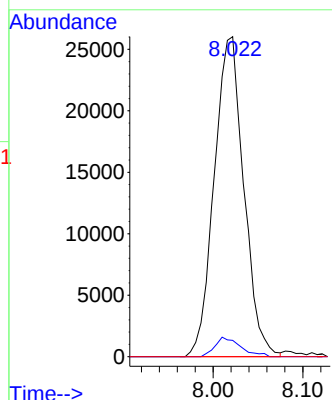
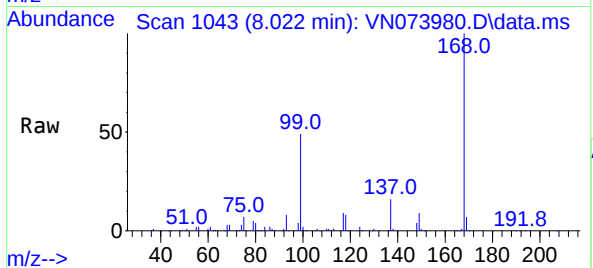




#38
Carbon Tetrachloride
Concen: 6.402 ug/l
RT: 8.022 min Scan# 1144
Delta R.T. -0.111 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

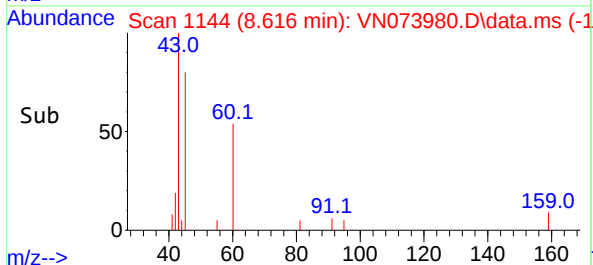
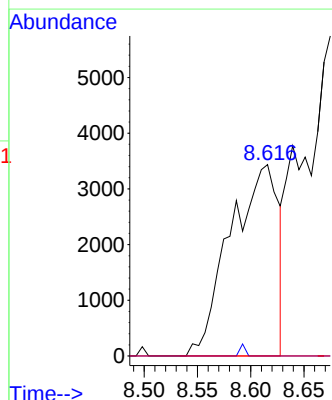
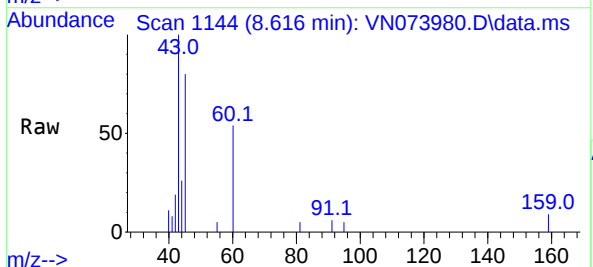
Instrument :
MSVOA_N
ClientSampleId :
MW-15

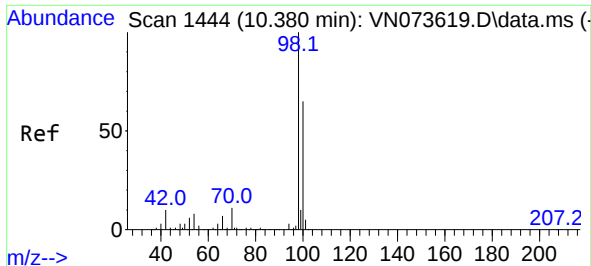
Tgt Ion:117 Resp: 59593
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.768 ug/l
RT: 8.616 min Scan# 1144
Delta R.T. 0.124 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 43 Resp: 10788
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

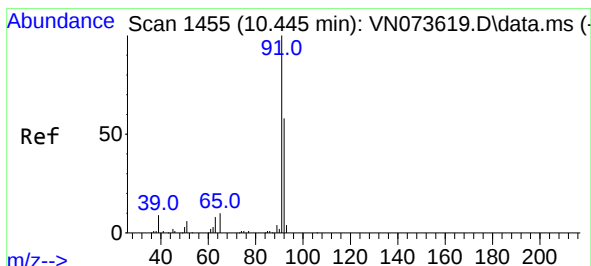
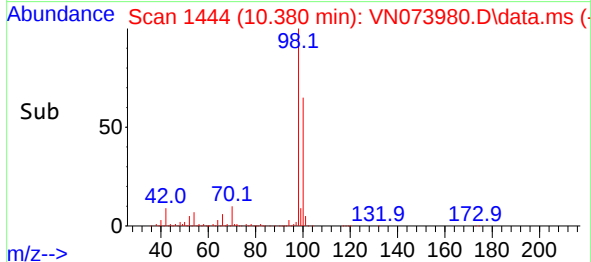
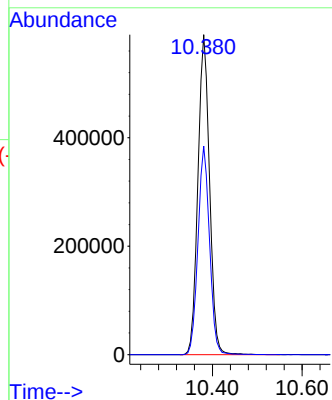
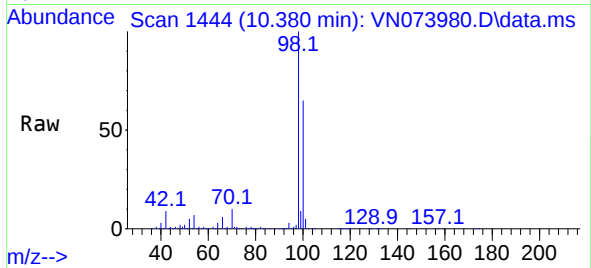




#50
Toluene-d8
Concen: 46.674 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

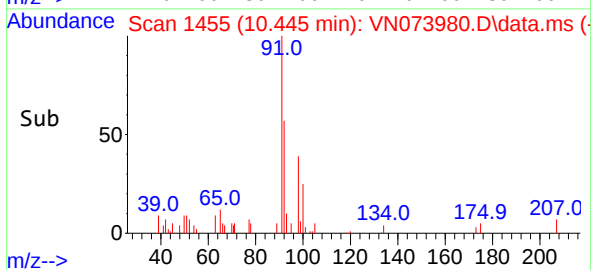
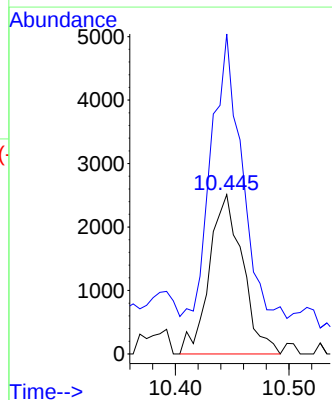
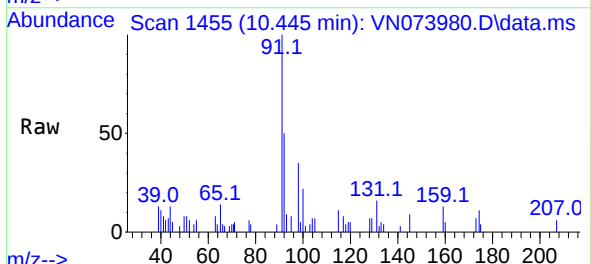
Instrument :
MSVOA_N
ClientSampleId :
MW-15

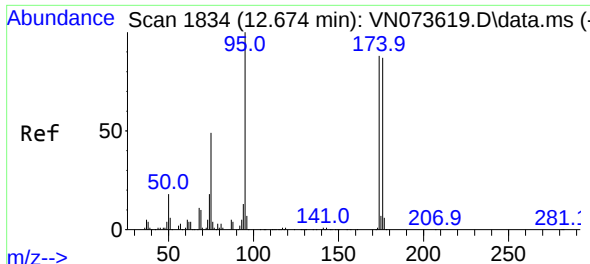
Tgt Ion: 98 Resp: 1059925
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 0.291 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 92 Resp: 5123
Ion Ratio Lower Upper
92 100
91 180.4 138.6 207.8

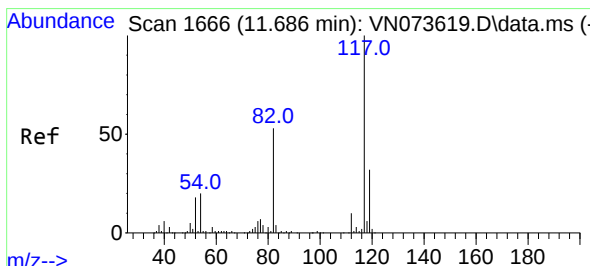
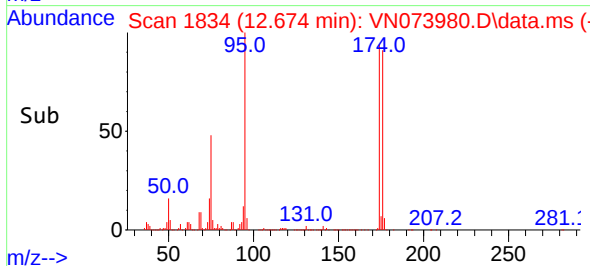
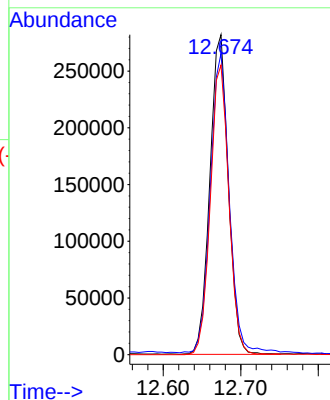
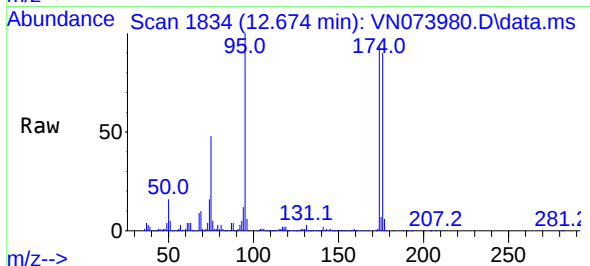




#62
4-Bromofluorobenzene
Concen: 62.001 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

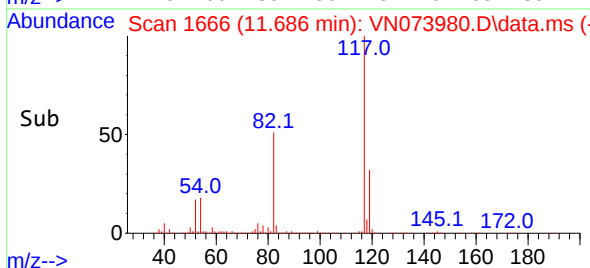
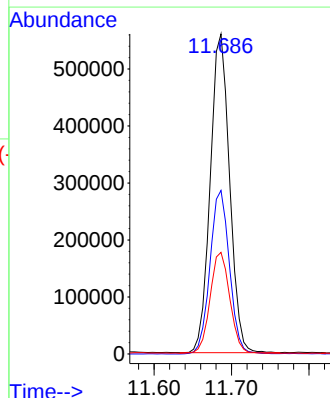
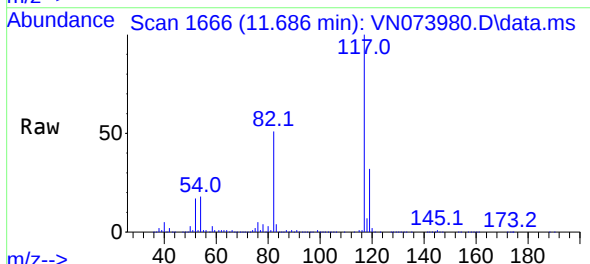
Instrument :
MSVOA_N
ClientSampleId :
MW-15

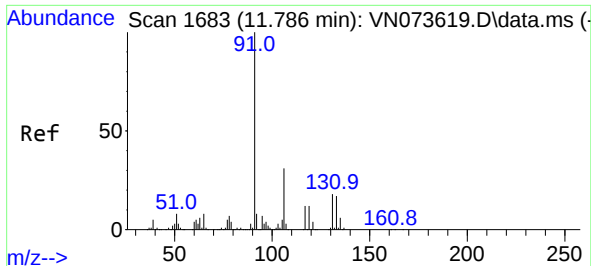
Tgt Ion: 95 Resp: 467282
Ion Ratio Lower Upper
95 100
174 97.4 0.0 167.6
176 90.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 117 Resp: 967245
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 31.7 25.4 38.0

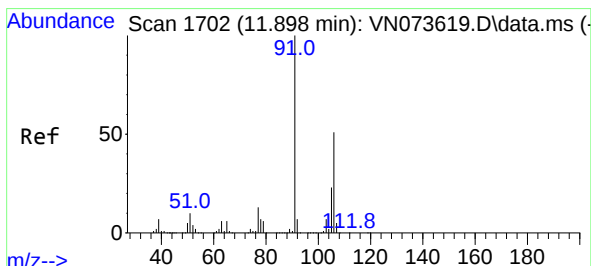
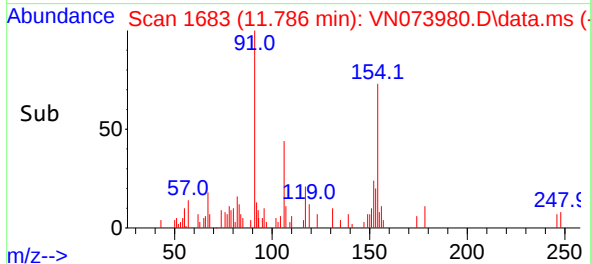
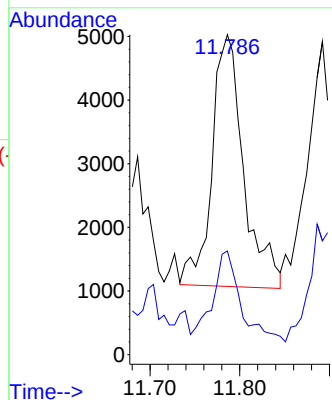
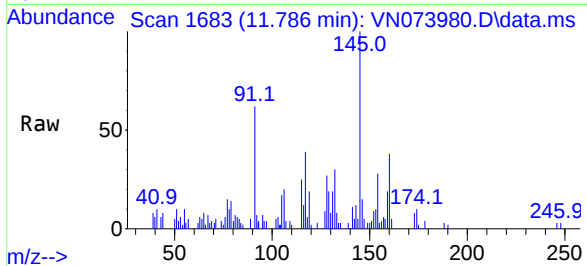




#67
Ethyl Benzene
Concen: 0.283 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

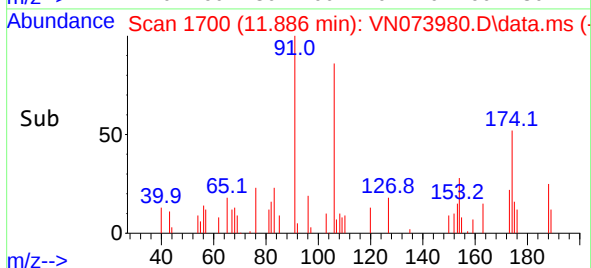
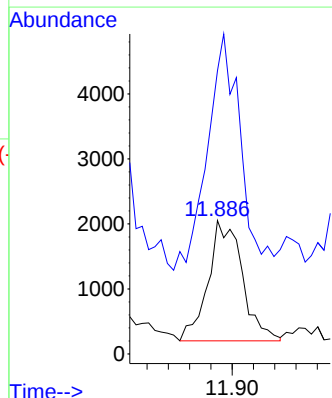
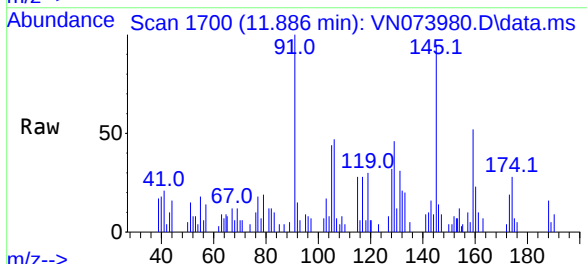
Instrument :
MSVOA_N
ClientSampleId :
MW-15

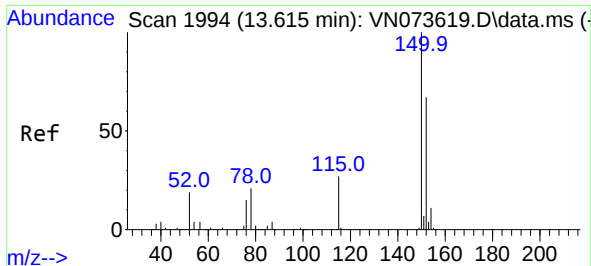
Tgt Ion: 91 Resp: 9679
Ion Ratio Lower Upper
91 100
106 34.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion:106 Resp: 4120
Ion Ratio Lower Upper
106 100
91 188.5 158.9 238.3

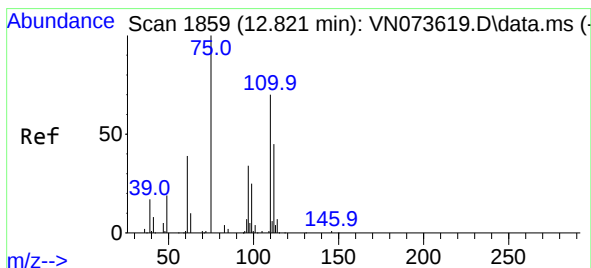
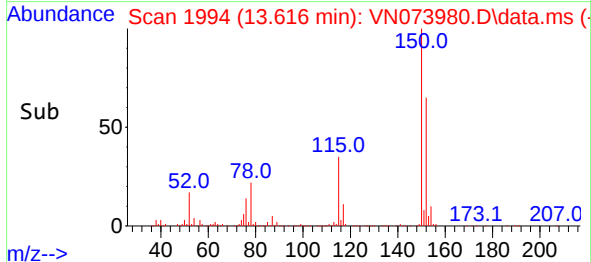
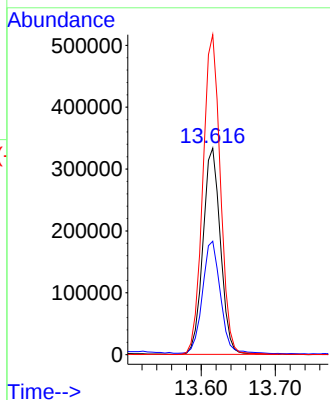
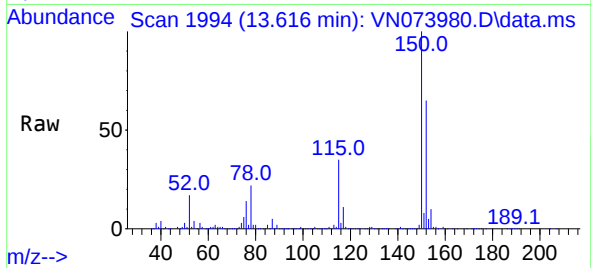




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

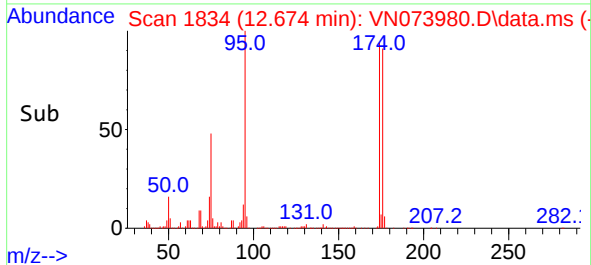
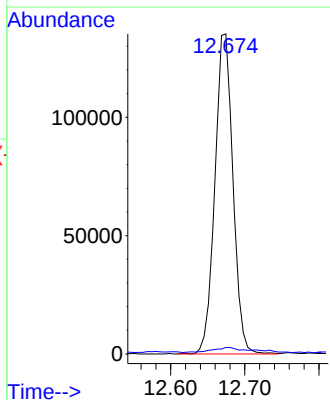
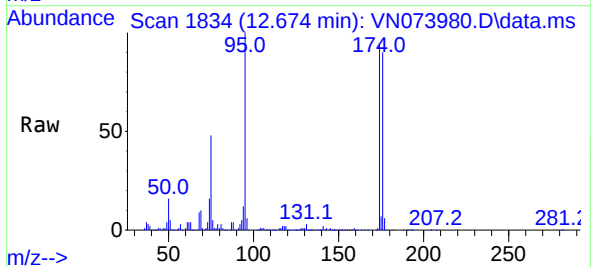
Instrument :
MSVOA_N
ClientSampleId :
MW-15

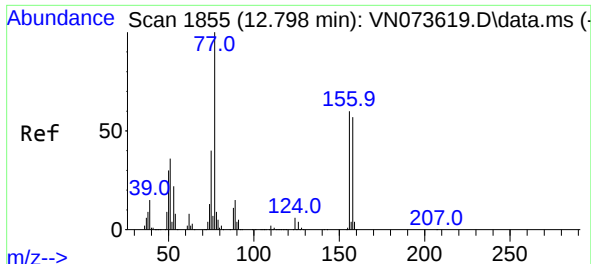
Tgt Ion:152 Resp: 545320
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 156.0 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.235 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 75 Resp: 229356
Ion Ratio Lower Upper
75 100
77 3.3 98.5 295.5#

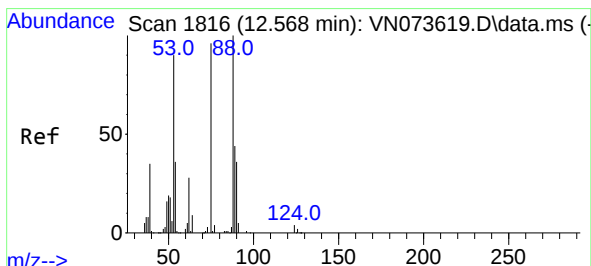
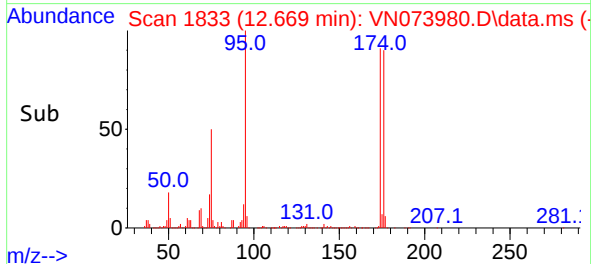
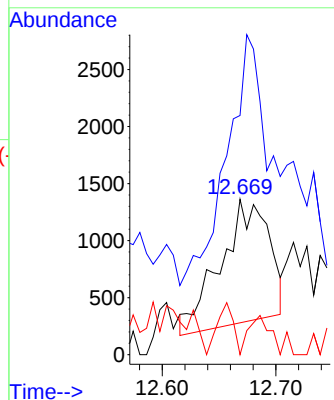
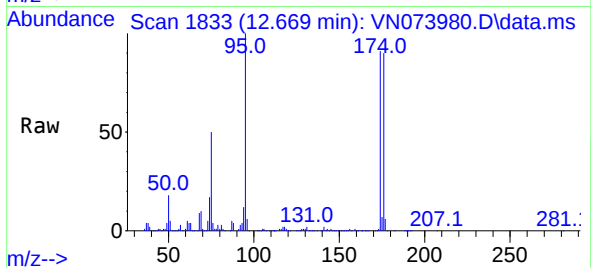




#77
Bromobenzene
Concen: 0.295 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.129 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

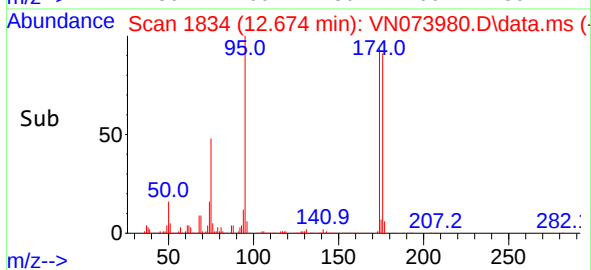
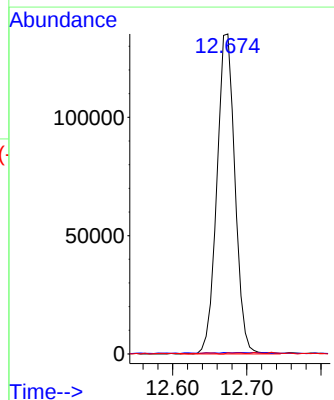
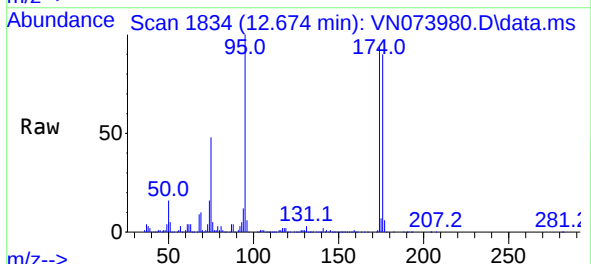
Instrument :
MSVOA_N
ClientSampleId :
MW-15

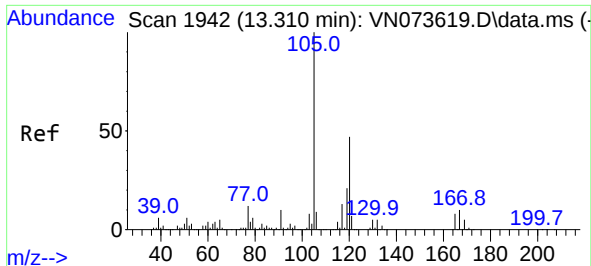
Tgt Ion:156 Resp: 3166
Ion Ratio Lower Upper
156 100
77 239.3 100.5 301.5
158 16.2 48.9 146.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.553 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Tgt Ion: 75 Resp: 229356
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.3 37.2 55.8#

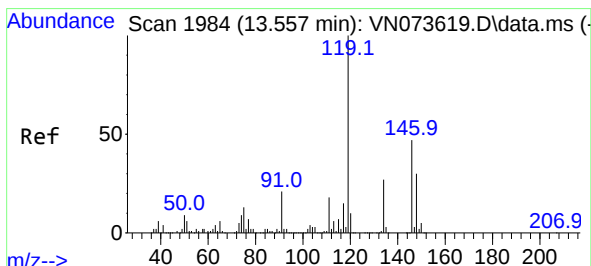
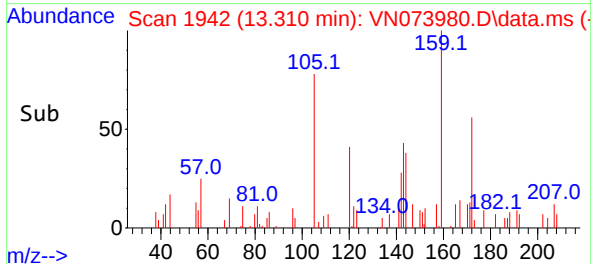
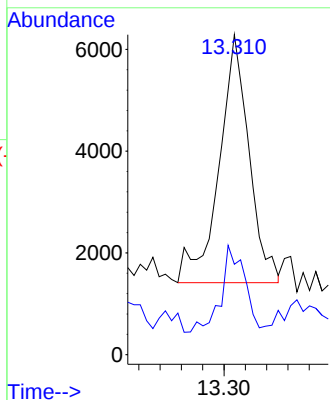
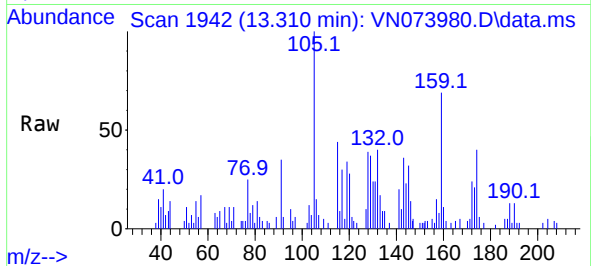




#84
1,2,4-Trimethylbenzene
Concen: 0.295 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

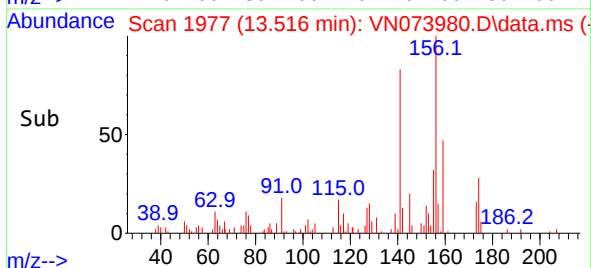
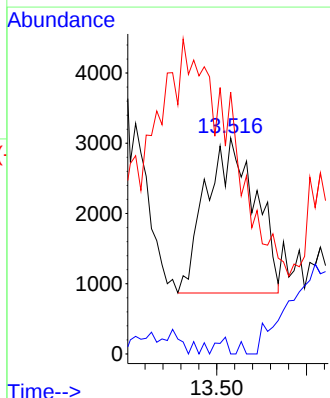
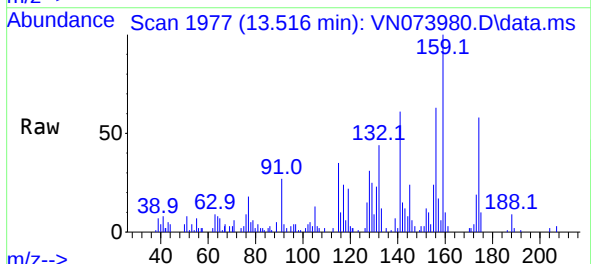
Instrument :
MSVOA_N
ClientSampleId :
MW-15

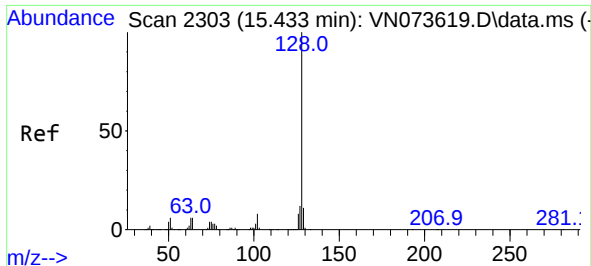
Tgt Ion:105 Resp: 9526
Ion Ratio Lower Upper
105 100
120 27.2 23.3 69.8



#86
p-Isopropyltoluene
Concen: 0.256 ug/l
RT: 13.516 min Scan# 1977
Delta R.T. -0.041 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

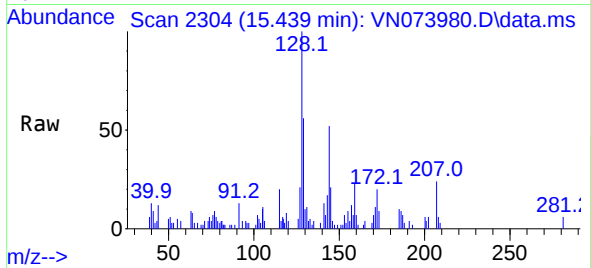
Tgt Ion:119 Resp: 8412
Ion Ratio Lower Upper
119 100
134 2.3 13.3 39.8#
91 0.0 11.3 33.9#





#95
Naphthalene
Concen: 0.491 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073980.D
Acq: 17 Aug 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :
MW-15



Tgt Ion:128 Resp: 18738
Ion Ratio Lower Upper
128 100
127 20.4 10.3 15.5#
129 72.9 8.6 13.0#

