

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073060.D
 Acq On : 23 Jun 2022 19:55
 Operator : JC\MD
 Sample : N3431-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-2-GR

Quant Time: Jun 24 01:21:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

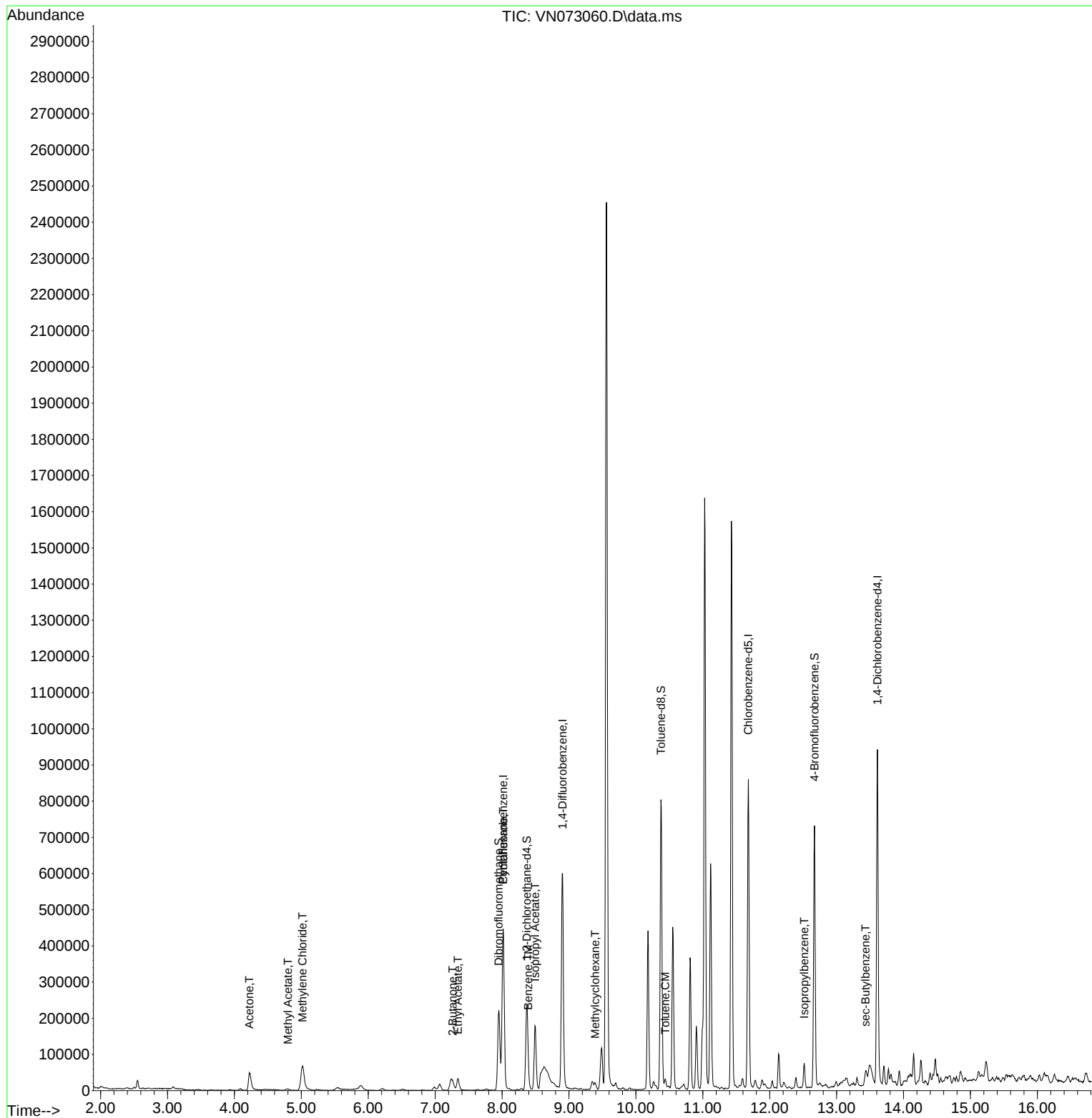
Internal Standards						
1) Pentafluorobenzene	8.016	168	327087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	536644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	487743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	247206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194847	44.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.120%		
35) Dibromofluoromethane	7.951	113	169410	51.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.140%		
50) Toluene-d8	10.375	98	556724	45.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.220%		
62) 4-Bromofluorobenzene	12.669	95	251343	56.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.260%		
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	91858	37.789	ug/l	91
18) Methyl Acetate	4.798	43	9599	1.483	ug/l #	70
20) Methylene Chloride	5.016	84	54273	14.221	ug/l	93
25) 2-Butanone	7.263	43	27136	7.035	ug/l	89
31) Cyclohexane	8.016	56	22726	3.799	ug/l #	84
37) Ethyl Acetate	7.340	43	52677	7.338	ug/l	96
39) Methylcyclohexane	9.392	83	8343	1.542	ug/l #	91
40) Benzene	8.392	78	22670	1.607	ug/l	93
43) Isopropyl Acetate	8.492	43	207236	20.194	ug/l #	87
52) Toluene	10.439	92	10202	1.178	ug/l	95
73) Isopropylbenzene	12.516	105	43510	2.275	ug/l	99
85) sec-Butylbenzene	13.433	105	25042	1.305	ug/l	83

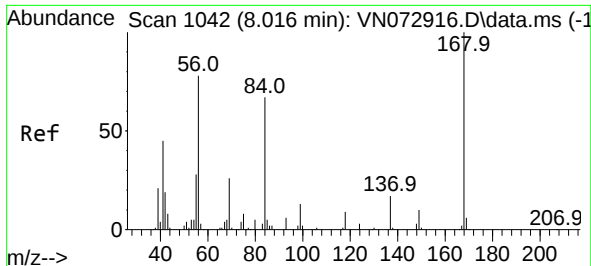
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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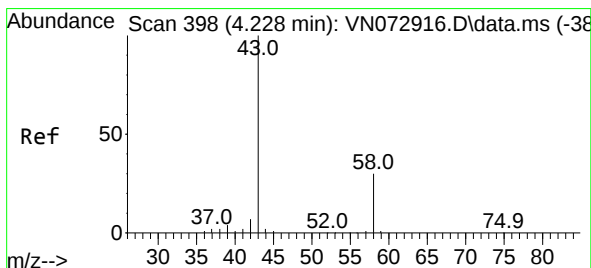
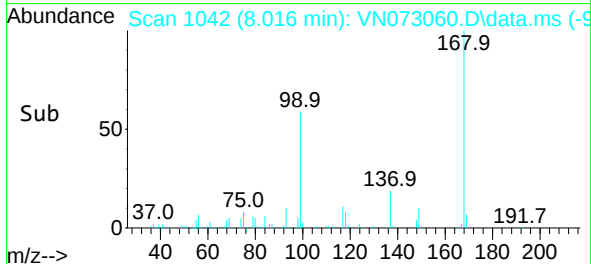
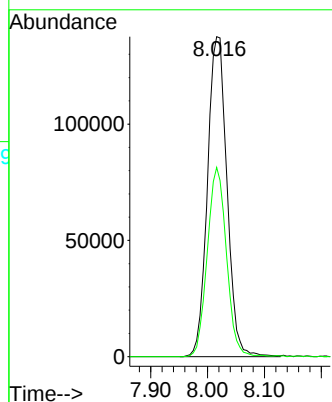
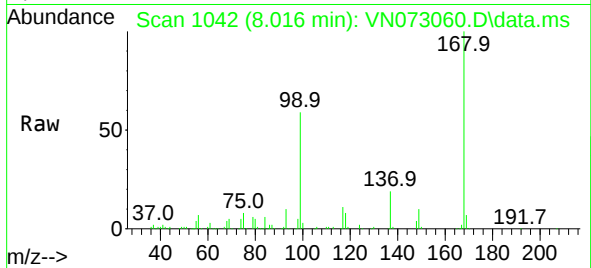




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

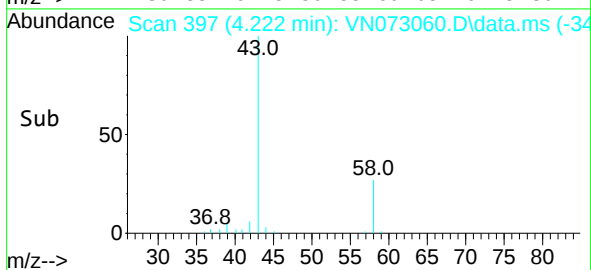
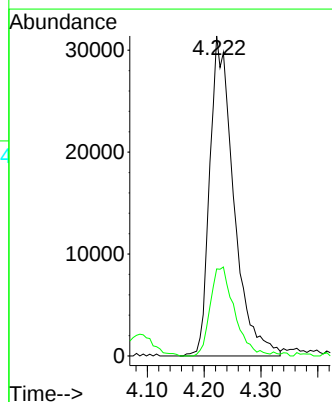
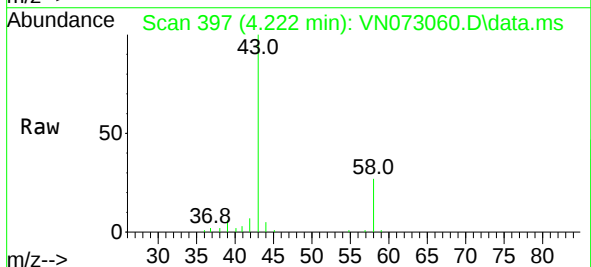
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

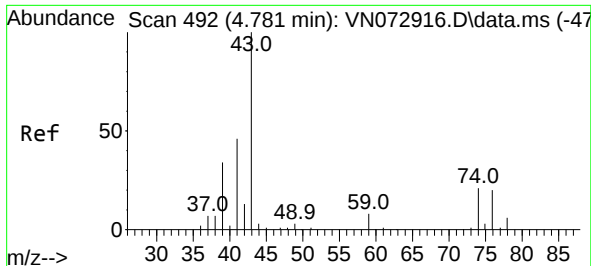
Tgt Ion:168 Resp: 327087
Ion Ratio Lower Upper
168 100
99 59.2 42.3 63.5



#16
Acetone
Concen: 37.789 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion: 43 Resp: 91858
Ion Ratio Lower Upper
43 100
58 27.2 26.0 39.0

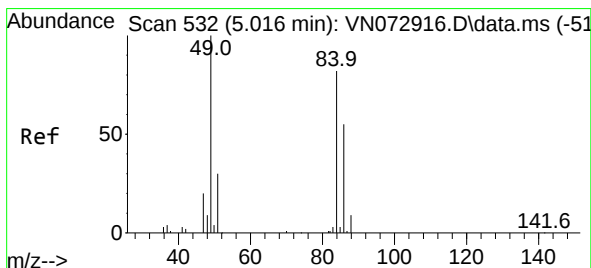
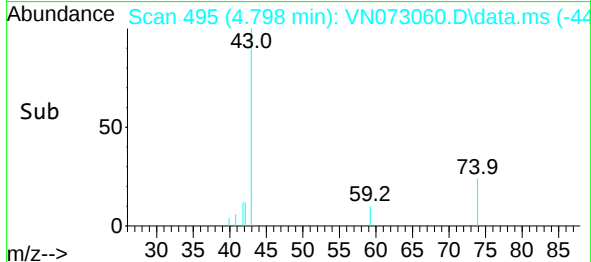
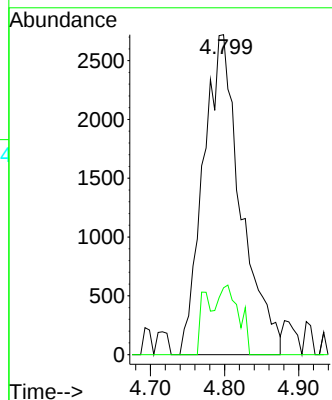
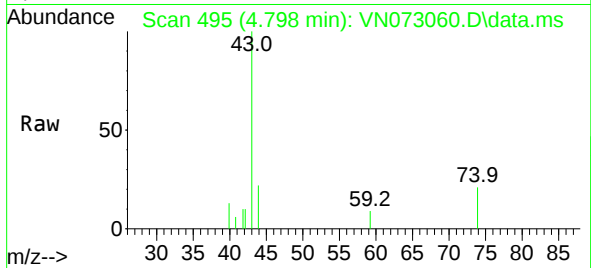




#18
Methyl Acetate
Concen: 1.483 ug/l
RT: 4.798 min Scan# 492
Delta R.T. 0.018 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

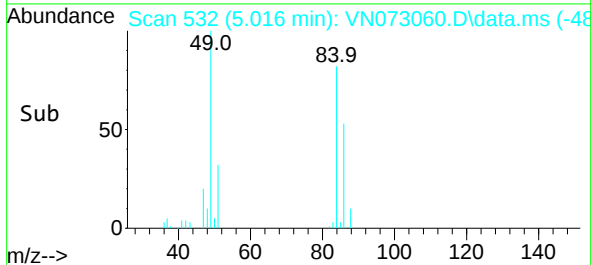
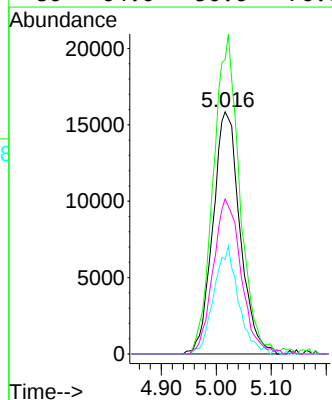
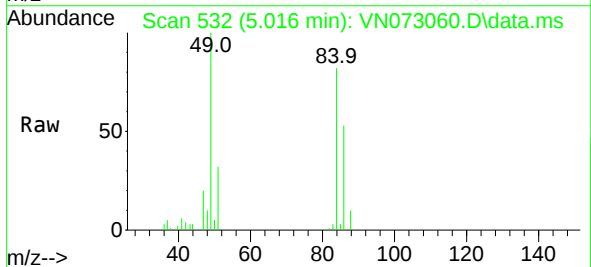
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

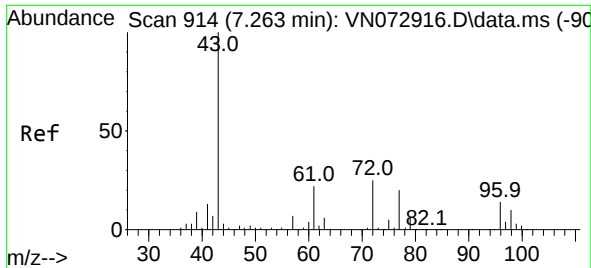
Tgt Ion: 43 Resp: 9599
Ion Ratio Lower Upper
43 100
74 11.6 21.6 32.4#



#20
Methylene Chloride
Concen: 14.221 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion: 84 Resp: 54273
Ion Ratio Lower Upper
84 100
49 121.6 88.3 132.5
51 39.0 28.2 42.2
86 64.0 50.6 76.0

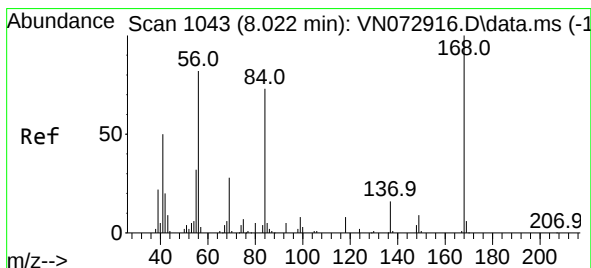
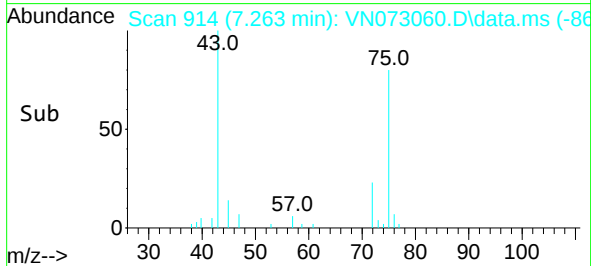
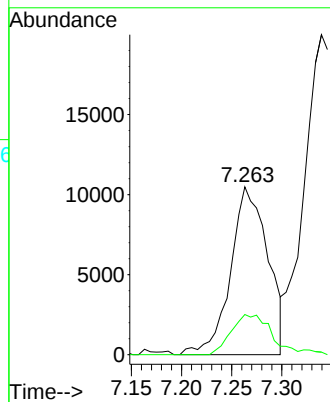
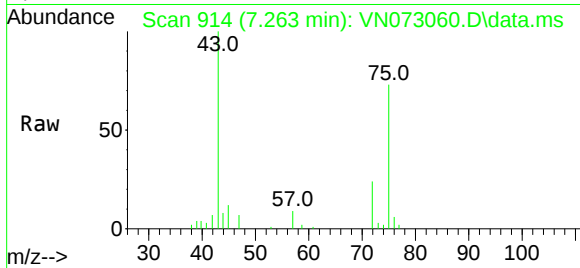




#25
2-Butanone
Concen: 7.035 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

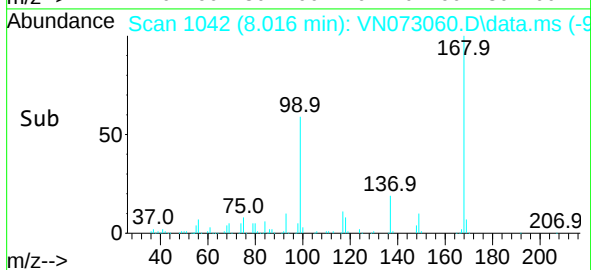
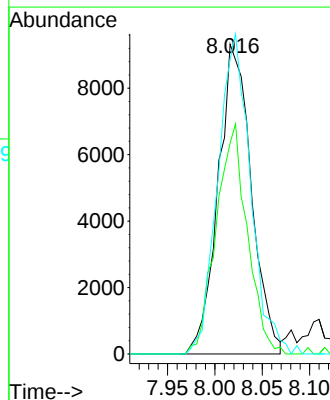
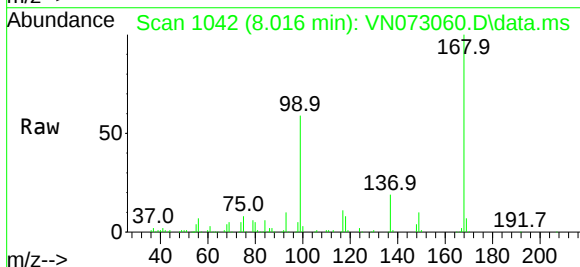
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

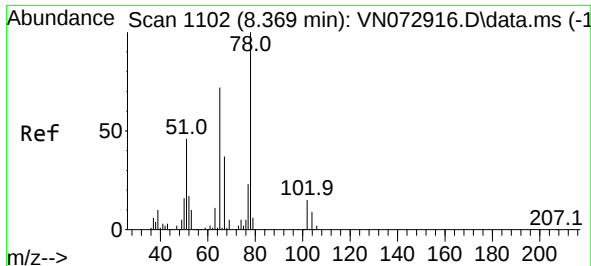
Tgt Ion: 43 Resp: 27136
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5



#31
Cyclohexane
Concen: 3.799 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion: 56 Resp: 22726
Ion Ratio Lower Upper
56 100
69 68.0 27.8 41.8#
84 95.2 76.9 115.3

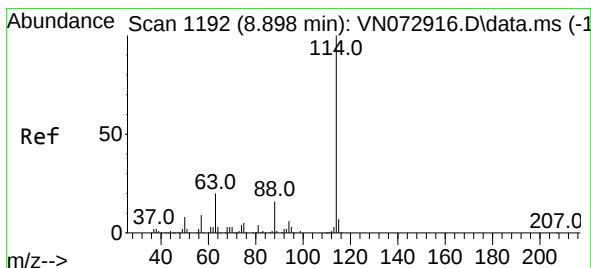
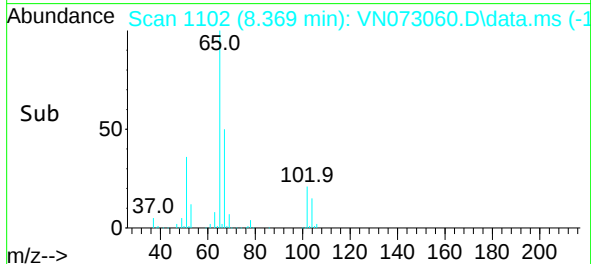
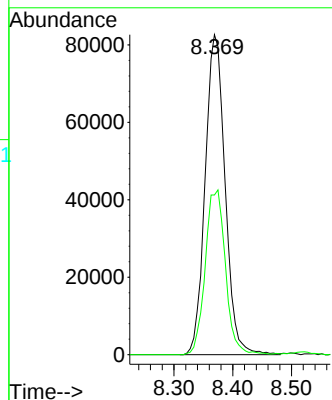
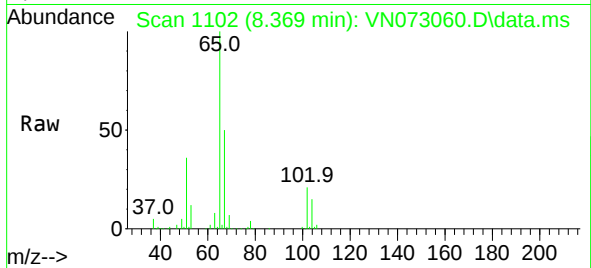




#33
 1,2-Dichloroethane-d4
 Concen: 44.062 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN073060.D
 Acq: 23 Jun 2022 19:55

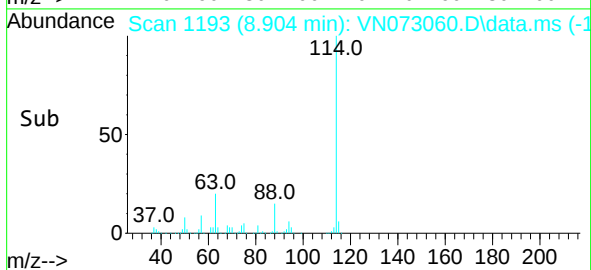
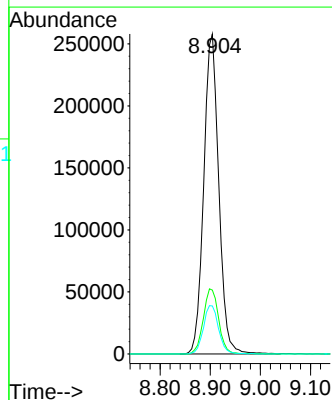
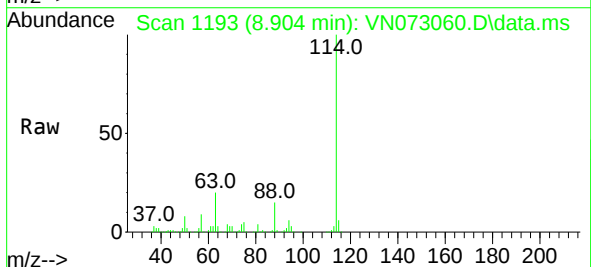
Instrument :
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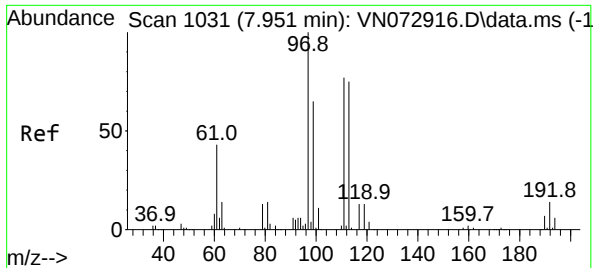
Tgt Ion: 65 Resp: 194847
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073060.D
 Acq: 23 Jun 2022 19:55

Tgt Ion: 114 Resp: 536644
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.0 0.0 32.6

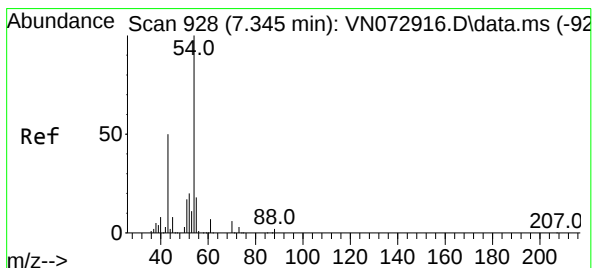
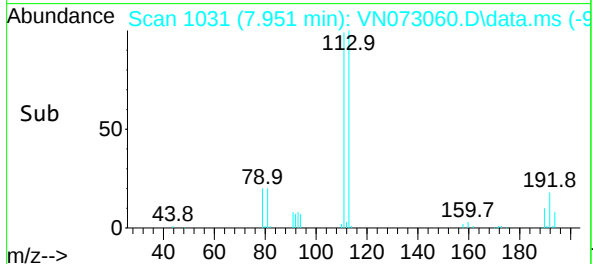
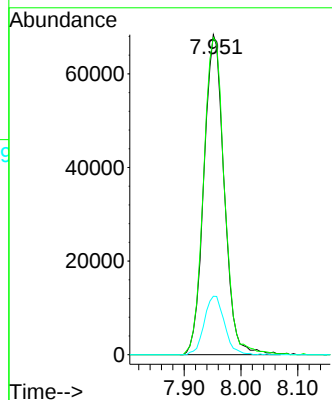
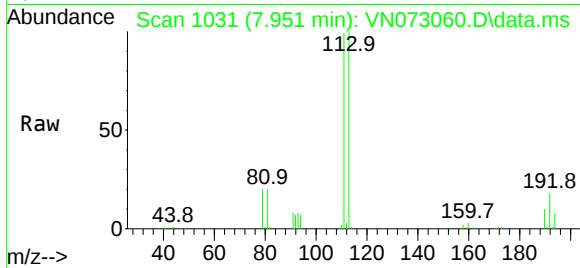




#35
Dibromofluoromethane
Concen: 51.074 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

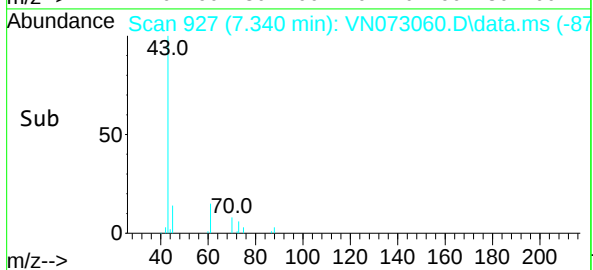
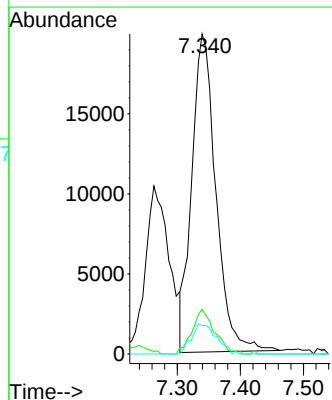
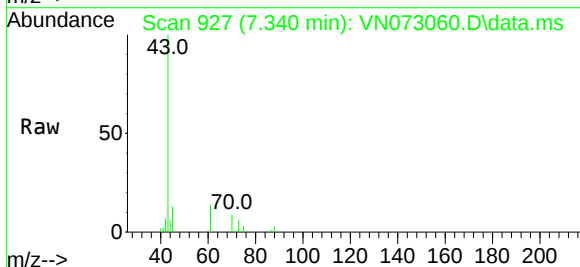
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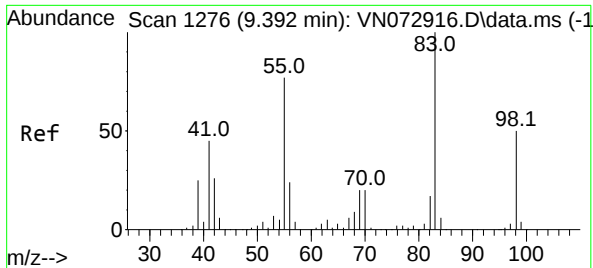
Tgt Ion:113 Resp: 169410
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.1 17.0 25.6



#37
Ethyl Acetate
Concen: 7.338 ug/l
RT: 7.340 min Scan# 927
Delta R.T. -0.006 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion: 43 Resp: 52677
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 9.6 9.3 13.9

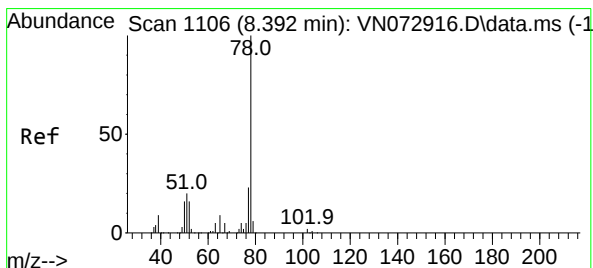
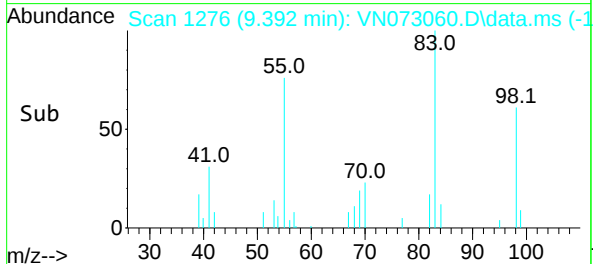
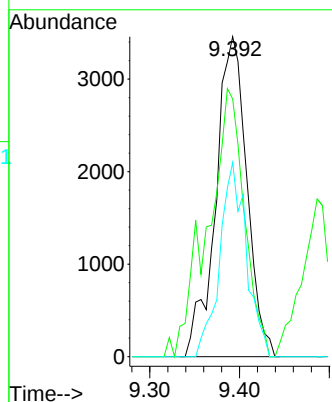
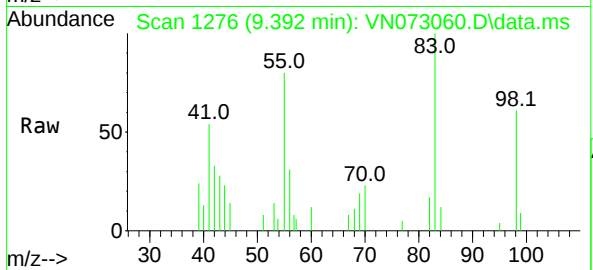




#39
Methylcyclohexane
Concen: 1.542 ug/l
RT: 9.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

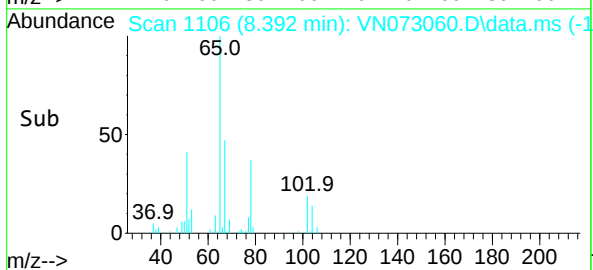
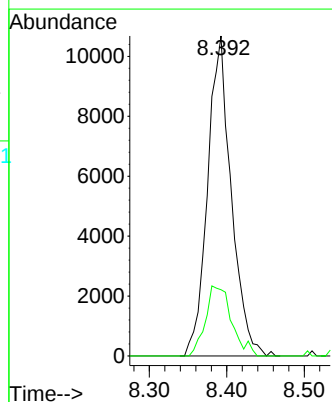
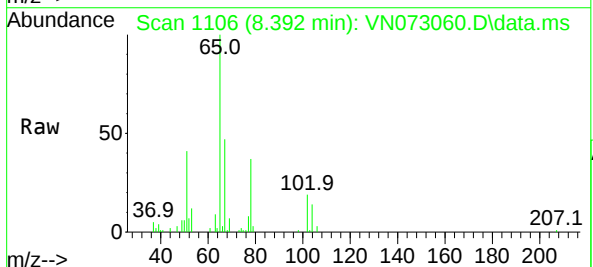
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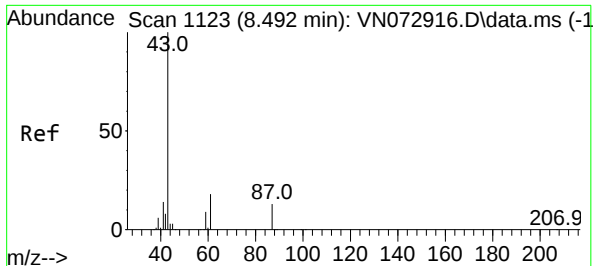
Tgt Ion: 83 Resp: 8343
Ion Ratio Lower Upper
83 100
55 75.9 57.8 86.8
98 60.7 39.4 59.2#



#40
Benzene
Concen: 1.607 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion: 78 Resp: 22670
Ion Ratio Lower Upper
78 100
77 20.7 19.4 29.0





#43

Isopropyl Acetate

Concen: 20.194 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073060.D

Acq: 23 Jun 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2-GR

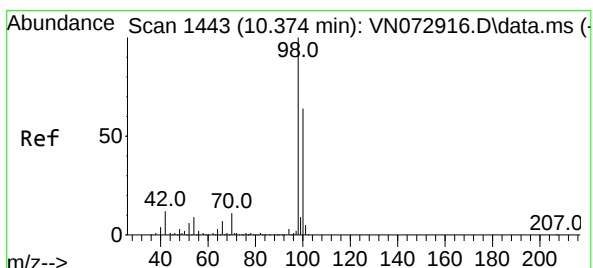
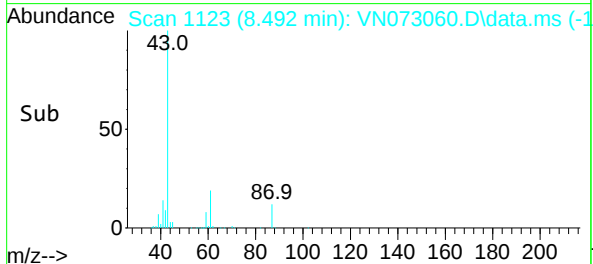
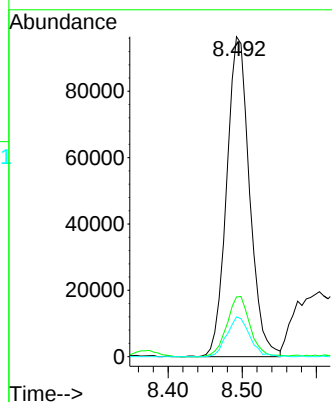
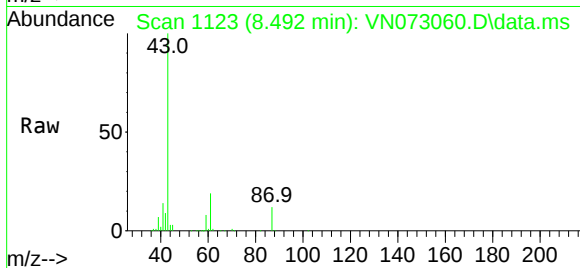
Tgt Ion: 43 Resp: 207236

Ion Ratio Lower Upper

43 100

61 19.1 21.9 32.9#

87 12.4 12.0 18.0



#50

Toluene-d8

Concen: 45.107 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073060.D

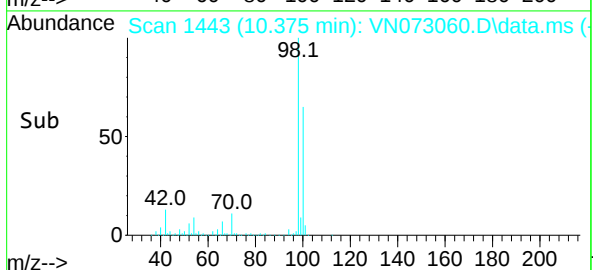
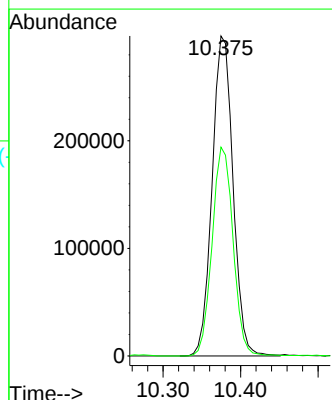
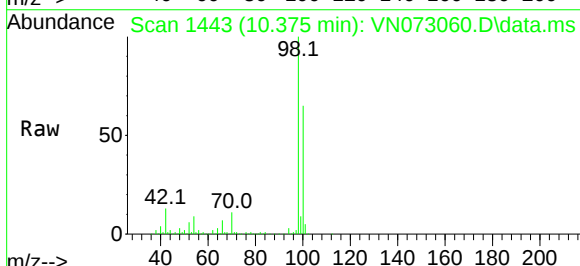
Acq: 23 Jun 2022 19:55

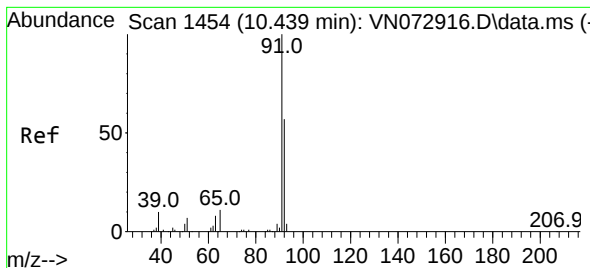
Tgt Ion: 98 Resp: 556724

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8





#52

Toluene

Concen: 1.178 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073060.D

Acq: 23 Jun 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

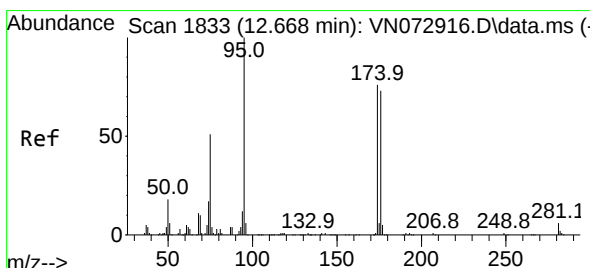
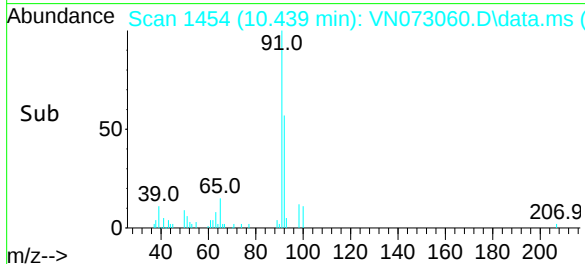
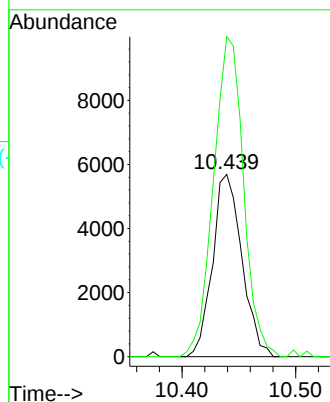
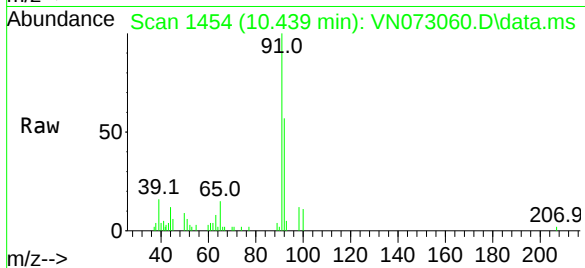
WC-14B-2-2-GR

Tgt Ion: 92 Resp: 10202

Ion Ratio Lower Upper

92 100

91 180.1 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 56.632 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN073060.D

Acq: 23 Jun 2022 19:55

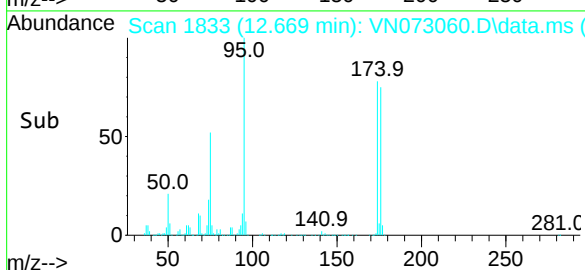
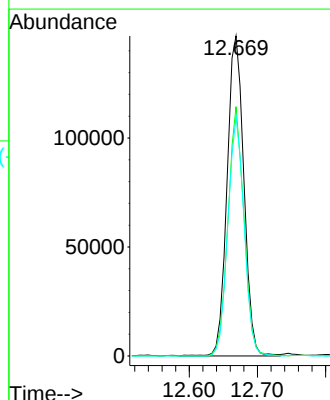
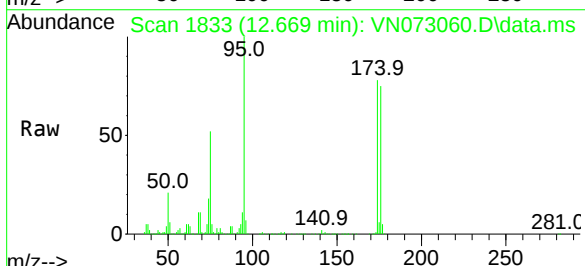
Tgt Ion: 95 Resp: 251343

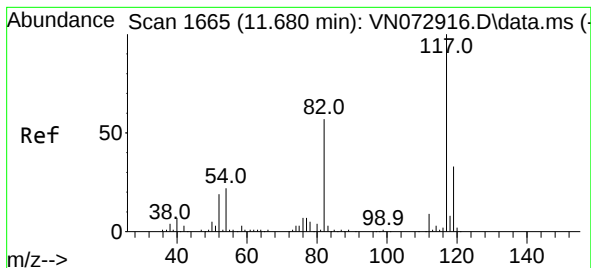
Ion Ratio Lower Upper

95 100

174 74.3 0.0 167.6

176 72.1 0.0 163.4

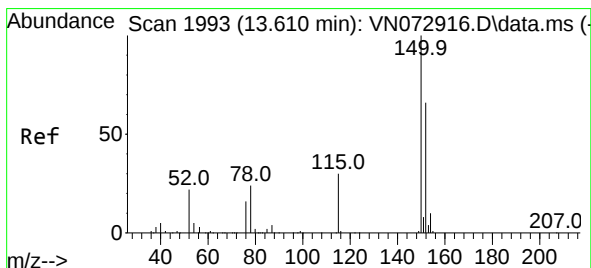
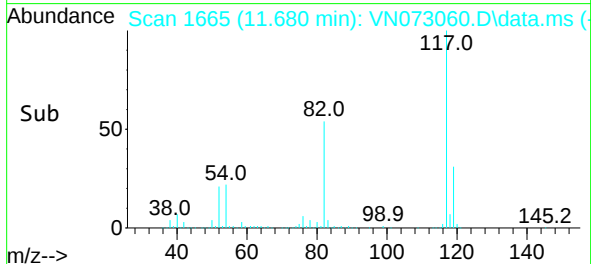
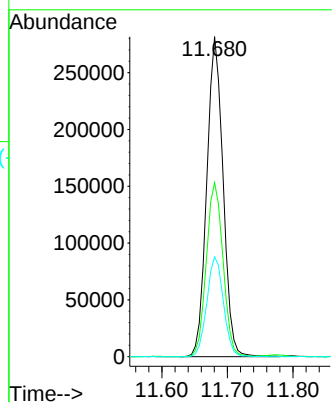
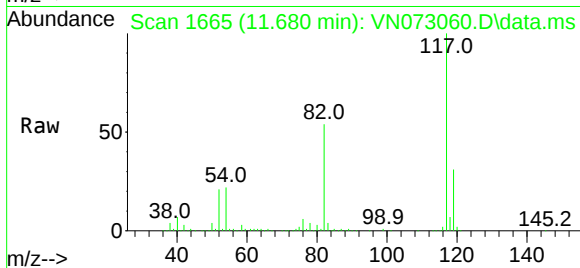




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

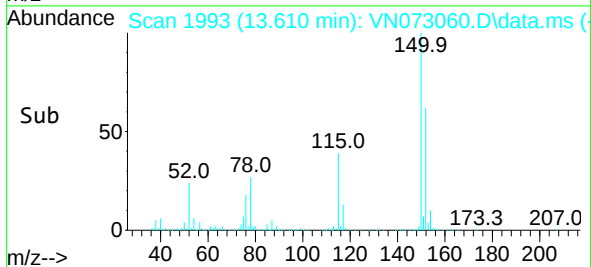
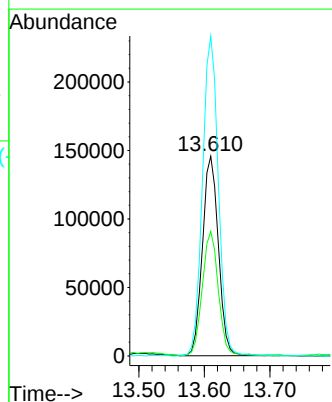
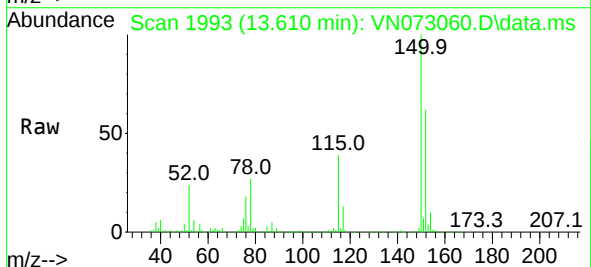
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

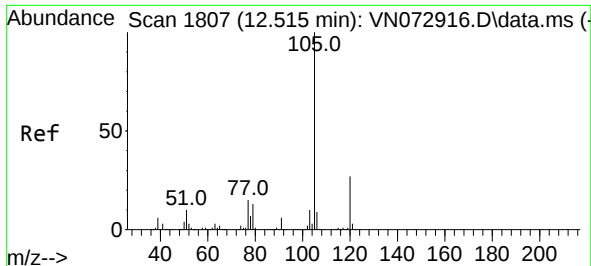
Tgt Ion:117 Resp: 487743
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion:152 Resp: 247206
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 159.4 0.0 356.2

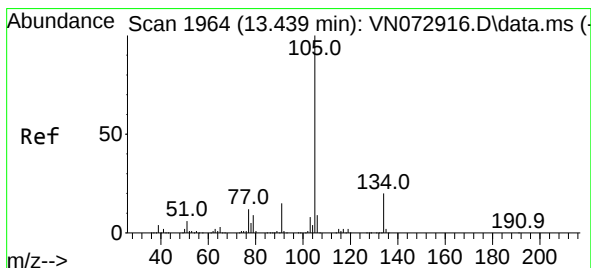
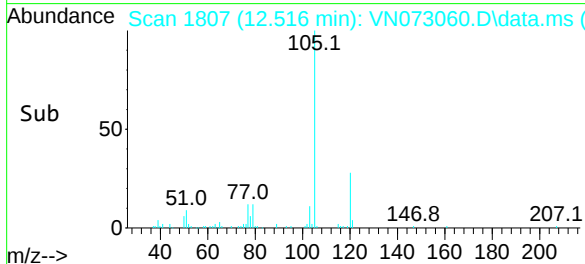
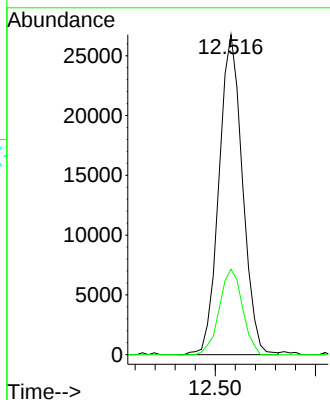
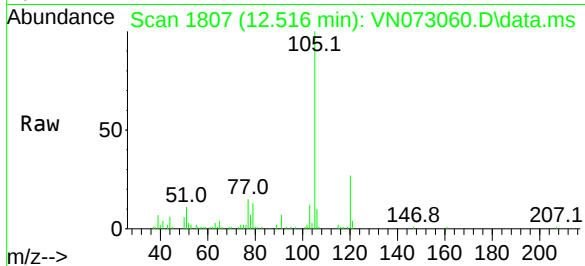




#73
Isopropylbenzene
Concen: 2.275 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

Tgt Ion:105 Resp: 43510
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4



#85
sec-Butylbenzene
Concen: 1.305 ug/l
RT: 13.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN073060.D
Acq: 23 Jun 2022 19:55

Tgt Ion:105 Resp: 25042
Ion Ratio Lower Upper
105 100
134 28.6 10.4 31.1

