

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072140.D
 Acq On : 21 Apr 2022 21:10
 Operator : JC\MD
 Sample : N2481-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30

Quant Time: Apr 22 01:27:43 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)

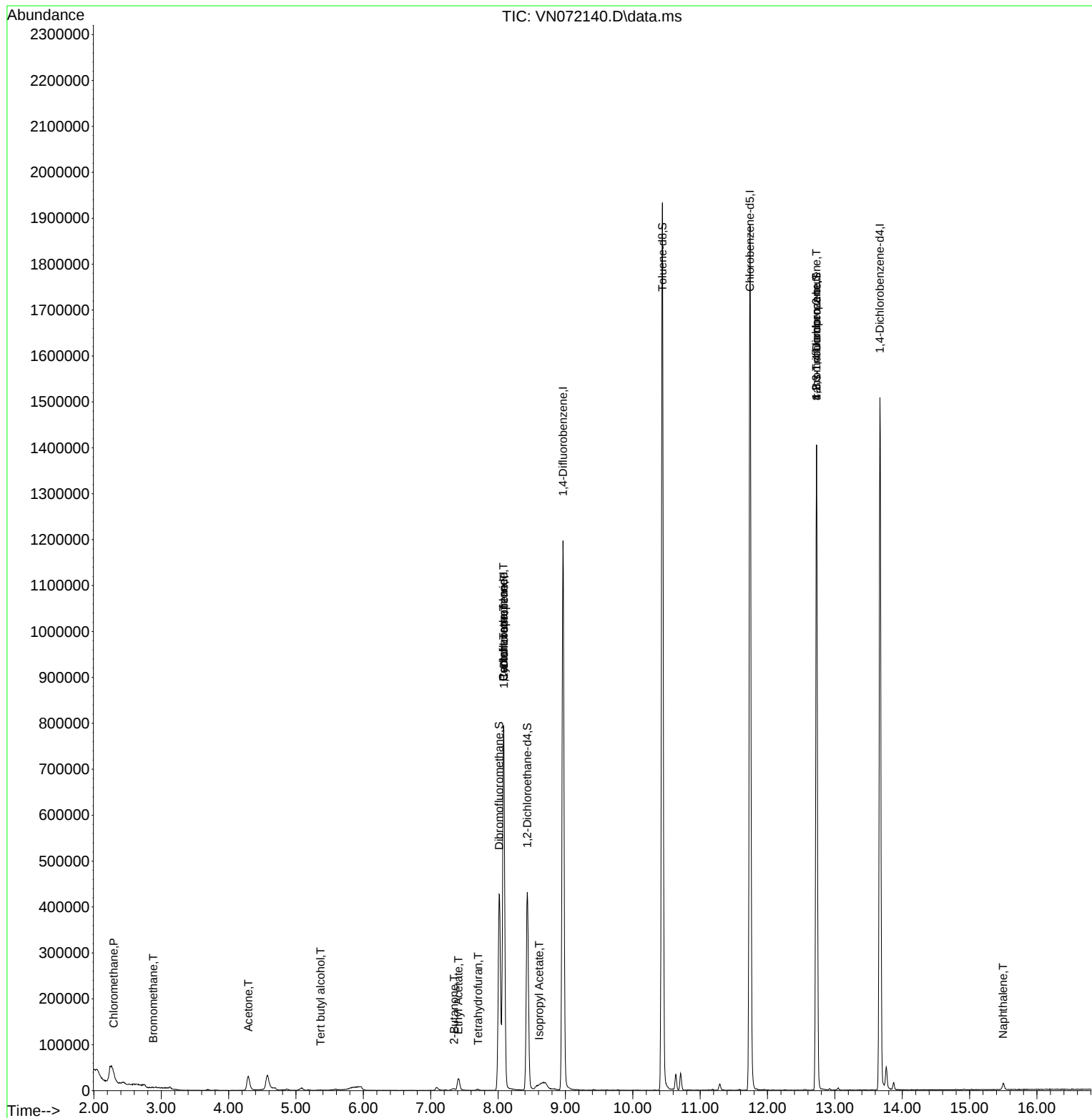
Internal Standards						
1) Pentafluorobenzene	8.081	168	665742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1136248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1195776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	458025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	360797	47.472	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.940%		
35) Dibromofluoromethane	8.016	113	324013	48.460	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.920%		
50) Toluene-d8	10.439	98	1428155	52.215	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.420%		
62) 4-Bromofluorobenzene	12.727	95	501096	56.647	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.300%		
Target Compounds						Qvalue
3) Chloromethane	2.293	50	1839	0.274	ug/l #	82
5) Bromomethane	2.881	94	1137	0.237	ug/l #	53
11) Tert butyl alcohol	5.363	59	300	0.243	ug/l #	72
16) Acetone	4.293	43	55061	16.952	ug/l	96
18) Methyl Acetate	4.857	43	4900	Below Cal		99
25) 2-Butanone	7.345	43	6246	1.334	ug/l	96
29) Tetrahydrofuran	7.704	42	1237	0.408	ug/l #	48
31) Cyclohexane	8.081	56	10520	1.018	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	43109	4.617	ug/l #	49
37) Ethyl Acetate	7.410	43	40724	3.985	ug/l #	94
38) Carbon Tetrachloride	8.081	117	58136	6.353	ug/l #	16
43) Isopropyl Acetate	8.610	43	14656	0.862	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	237145	22.350	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	237145	69.262	ug/l #	10
95) Naphthalene	15.498	128	16880	4.551	ug/l	98

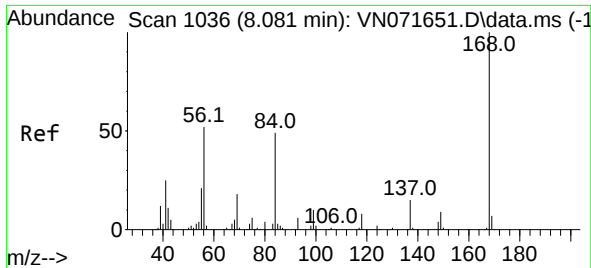
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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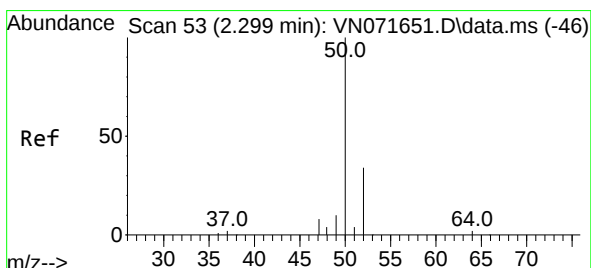
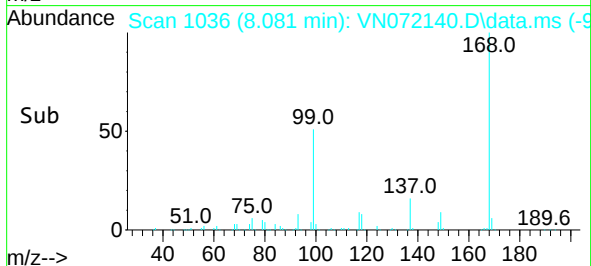
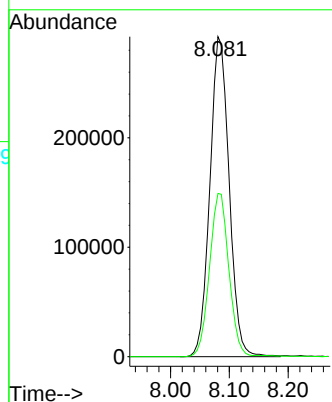
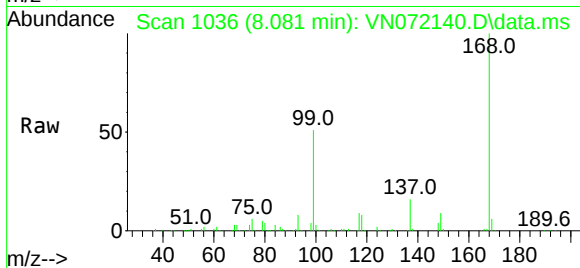




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

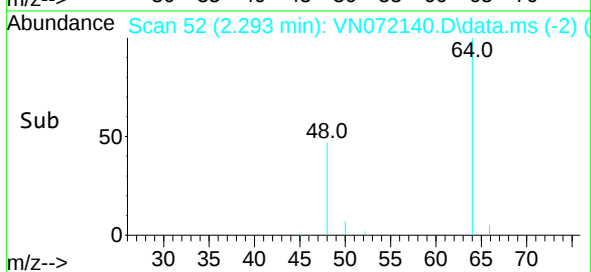
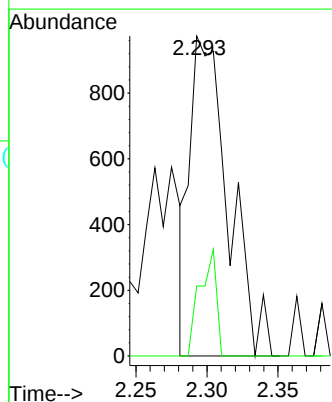
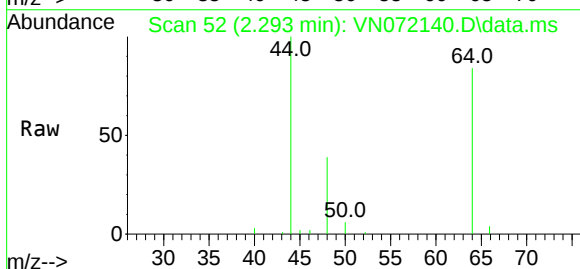
Instrument :
MSVOA_N
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MW-30

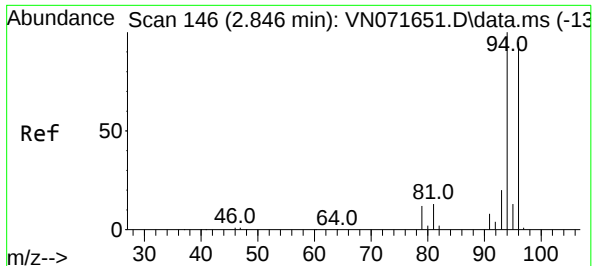
Tgt Ion:168 Resp: 665742
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 50 Resp: 1839
Ion Ratio Lower Upper
50 100
52 21.9 25.7 38.5#

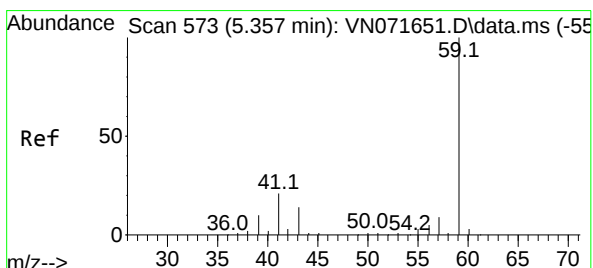
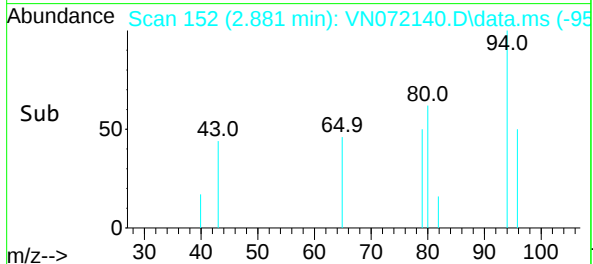
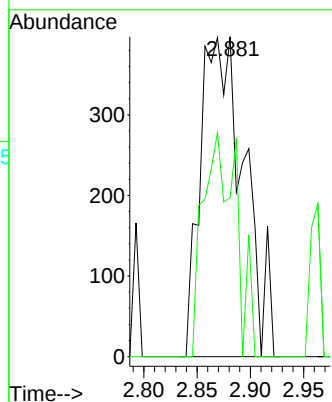
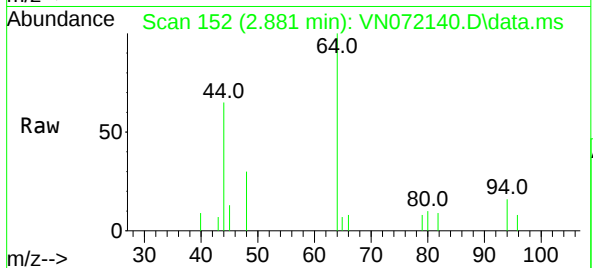




#5
Bromomethane
Concen: 0.237 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

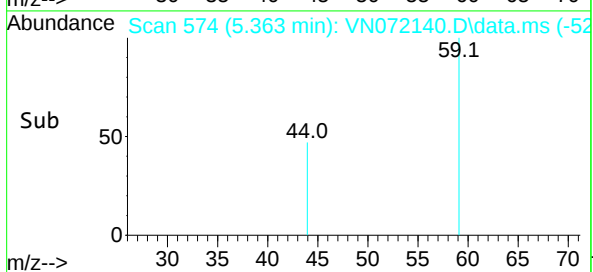
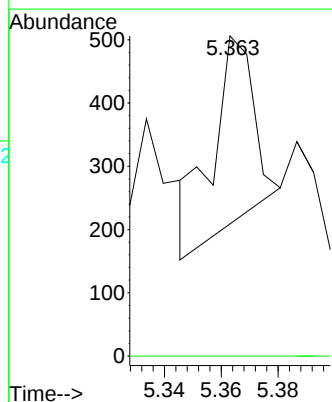
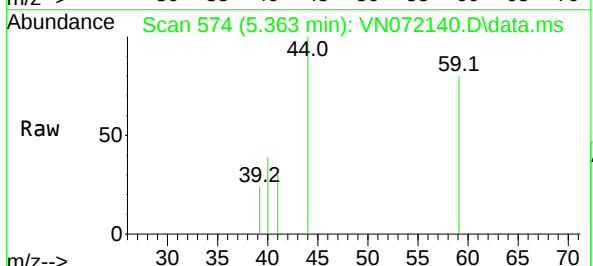
Instrument :
MSVOA_N
ClientSampleId :
MW-30

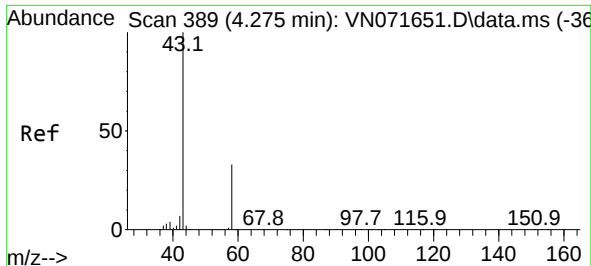
Tgt Ion: 94 Resp: 1137
Ion Ratio Lower Upper
94 100
96 49.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.243 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

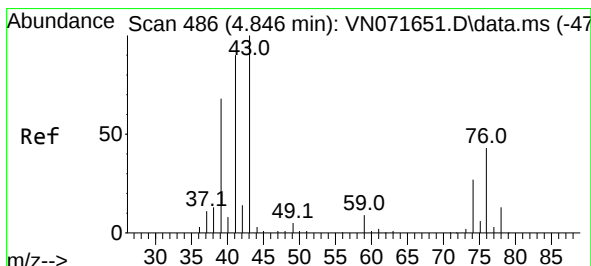
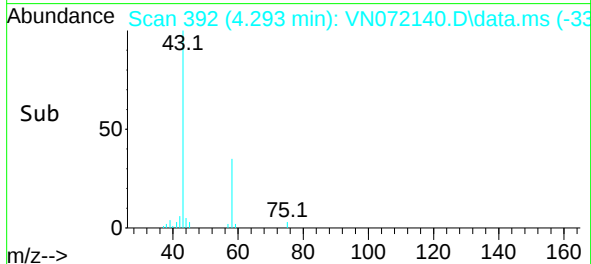
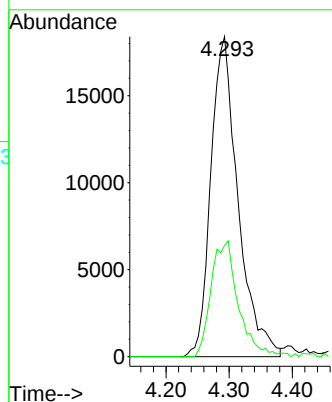
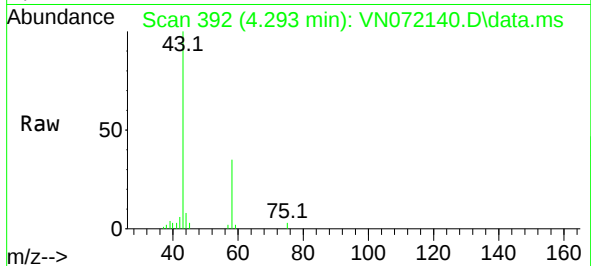




#16
Acetone
Concen: 16.952 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

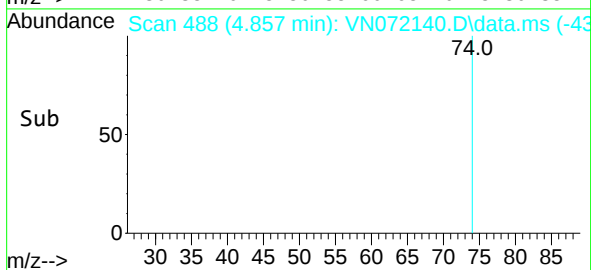
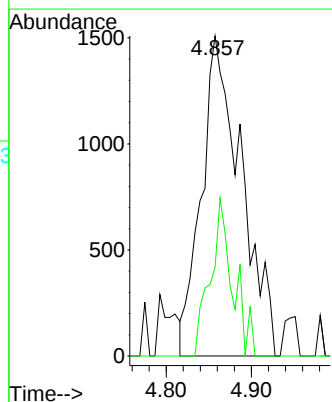
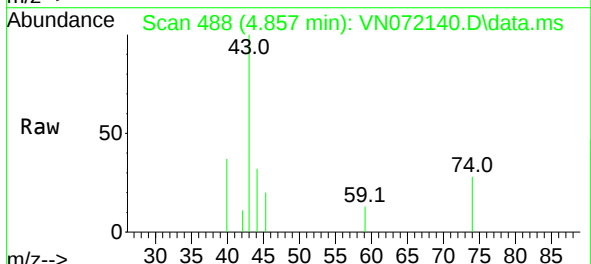
Instrument :
MSVOA_N
ClientSampleId :
MW-30

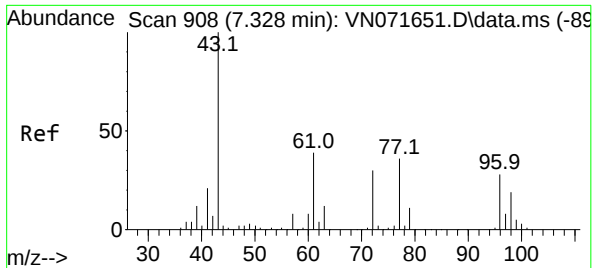
Tgt Ion: 43 Resp: 55061
Ion Ratio Lower Upper
43 100
58 34.8 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 43 Resp: 4900
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4

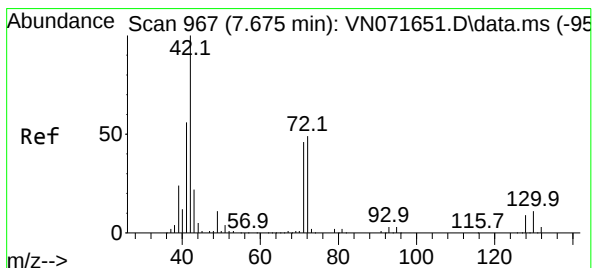
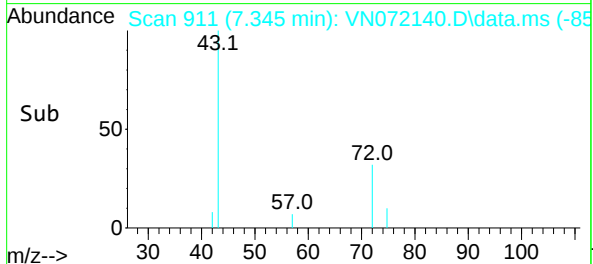
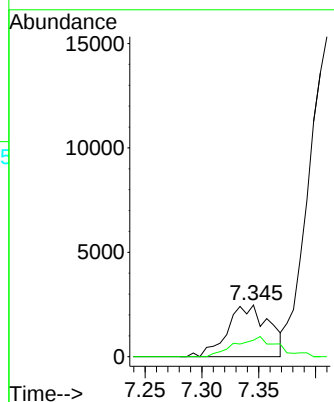
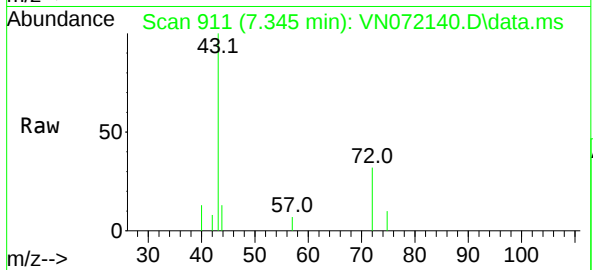




#25
2-Butanone
Concen: 1.334 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

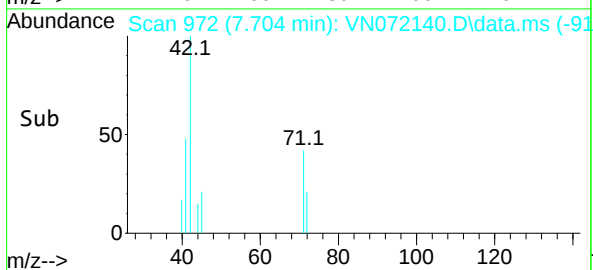
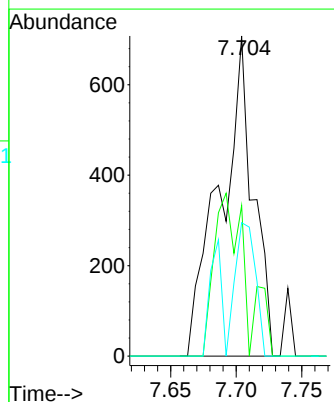
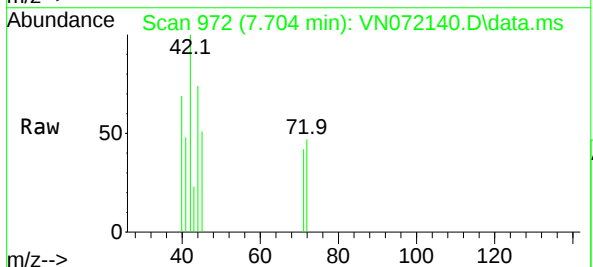
Instrument :
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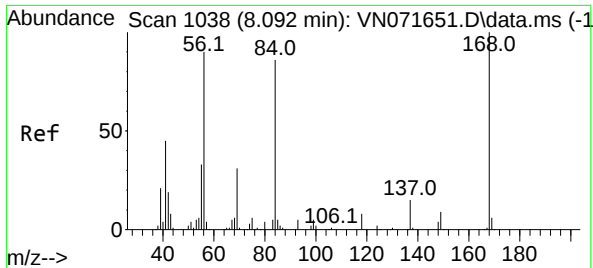
Tgt Ion: 43 Resp: 6246
Ion Ratio Lower Upper
43 100
72 31.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.408 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.029 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 42 Resp: 1237
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 25.9 36.6 55.0#

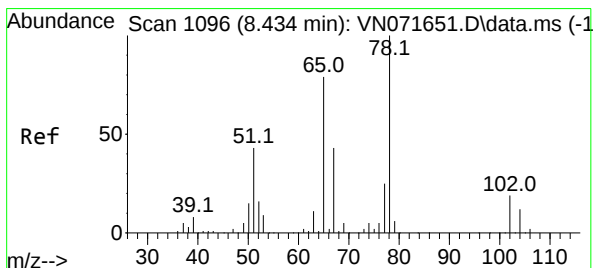
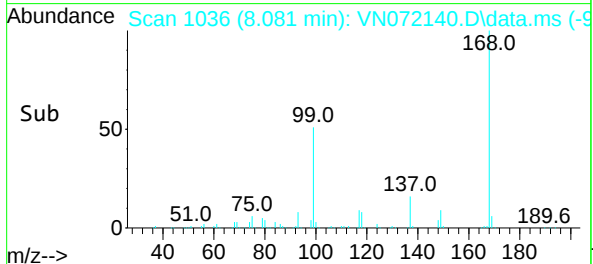
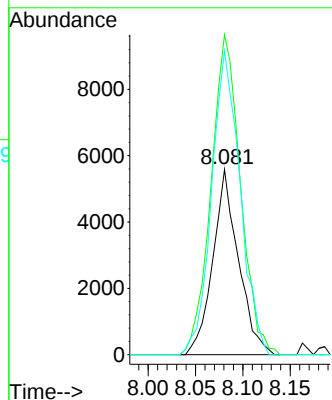
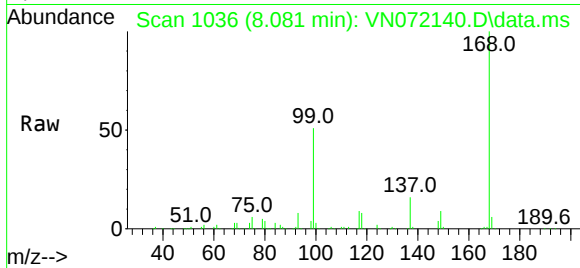




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

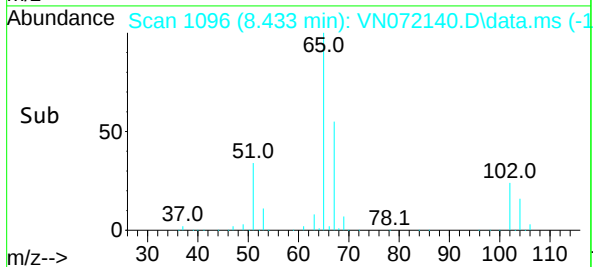
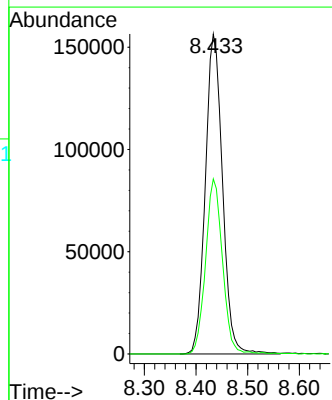
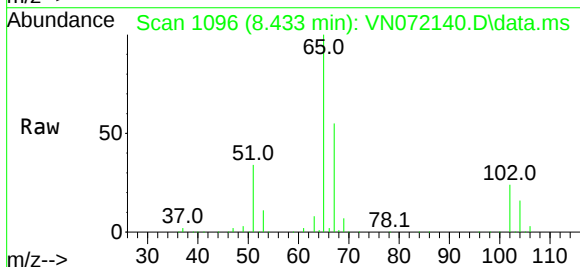
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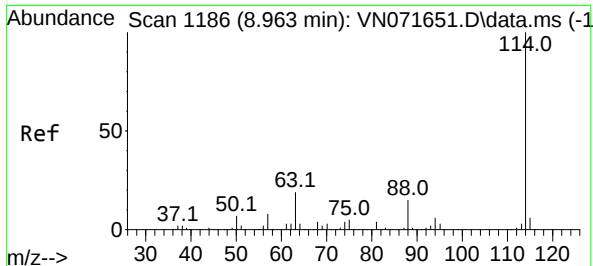
Tgt Ion: 56 Resp: 10520
Ion Ratio Lower Upper
56 100
69 172.7 27.8 41.8#
84 164.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.472 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 65 Resp: 360797
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

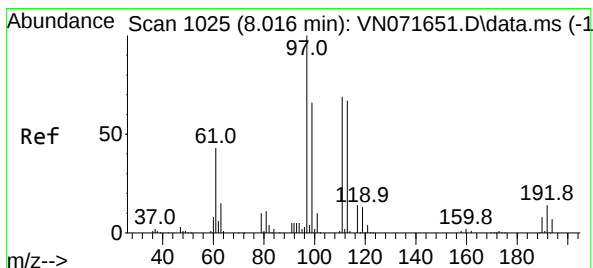
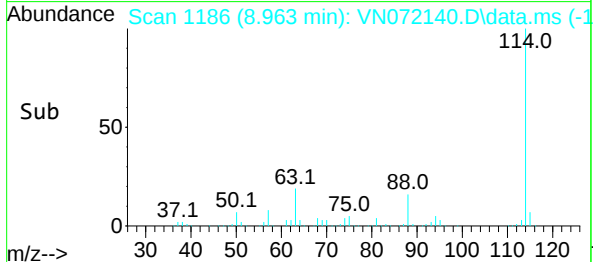
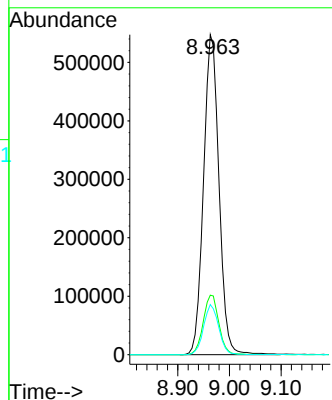
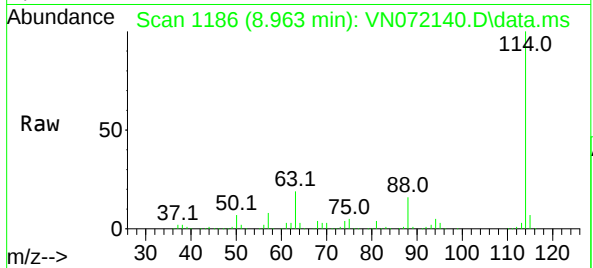




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

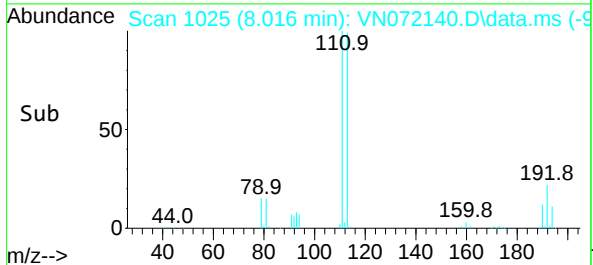
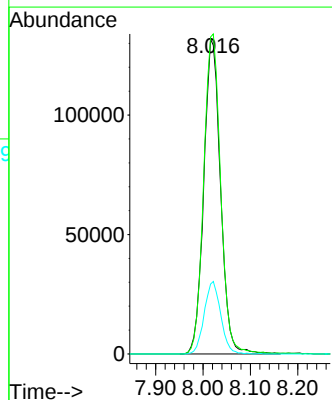
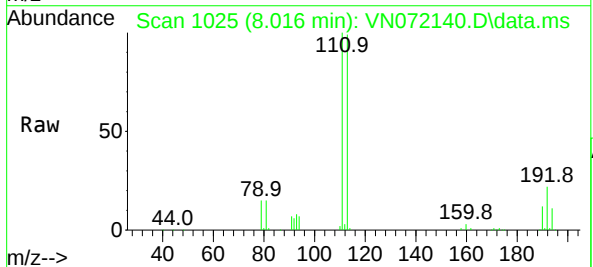
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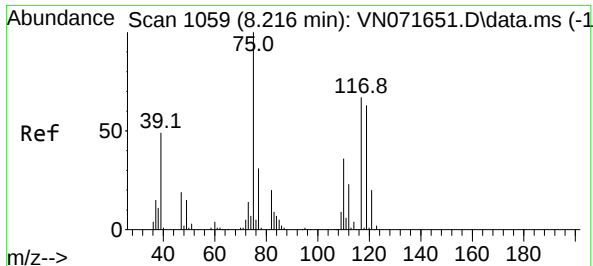
Tgt Ion:114 Resp: 1136248
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.460 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion:113 Resp: 324013
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 22.7 17.0 25.6

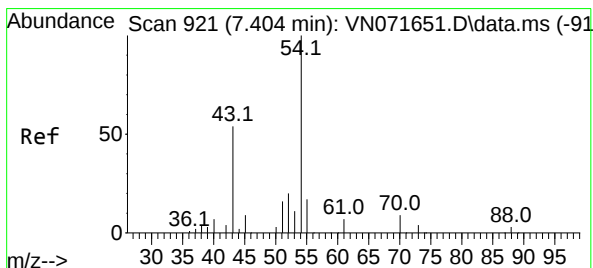
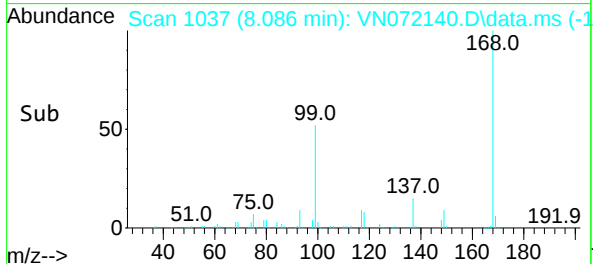
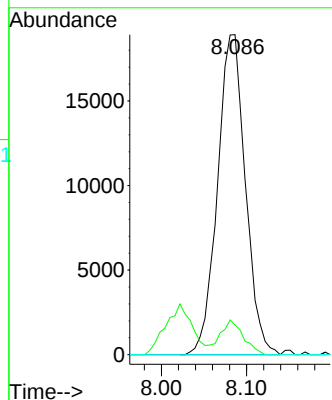
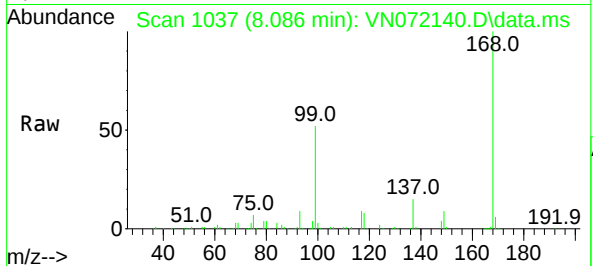




#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 8.086 min Scan# 1059
Delta R.T. -0.130 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

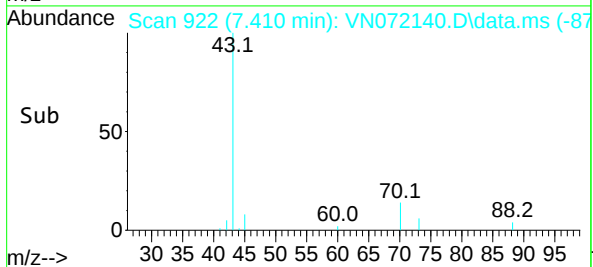
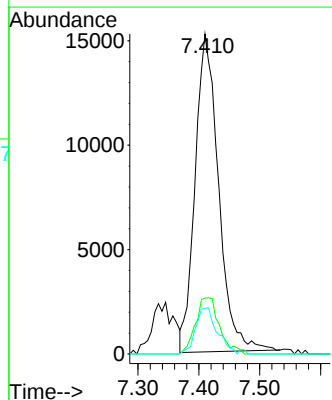
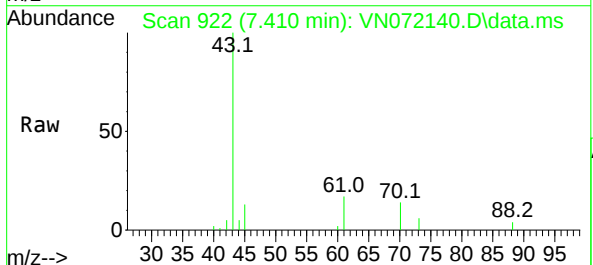
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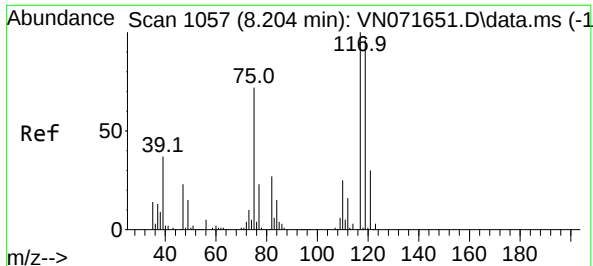
Tgt Ion: 75 Resp: 43109
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.985 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

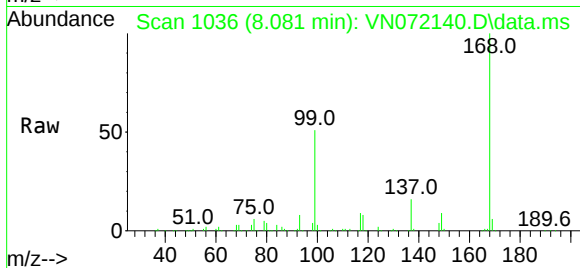
Tgt Ion: 43 Resp: 40724
Ion Ratio Lower Upper
43 100
61 17.9 11.8 17.6#
70 13.2 9.3 13.9



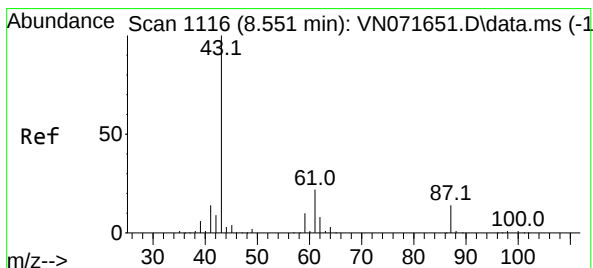
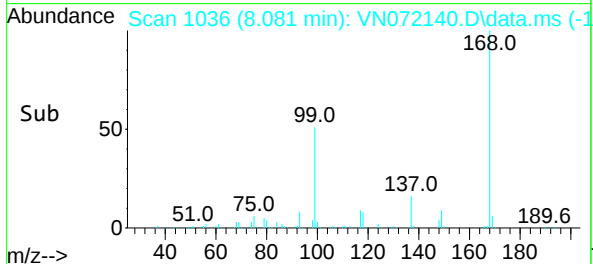
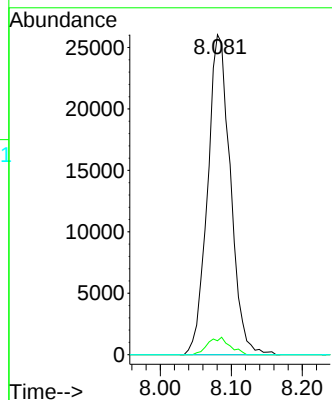


#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.123 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
MW-30

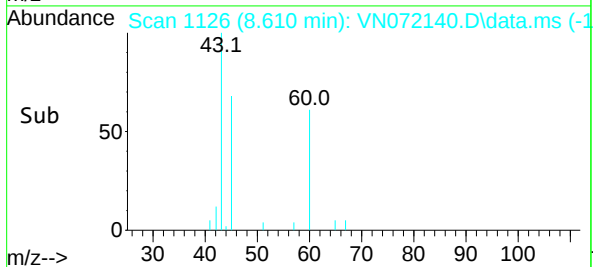
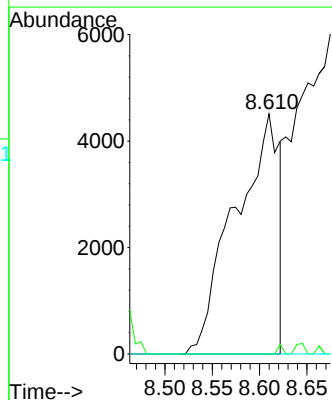
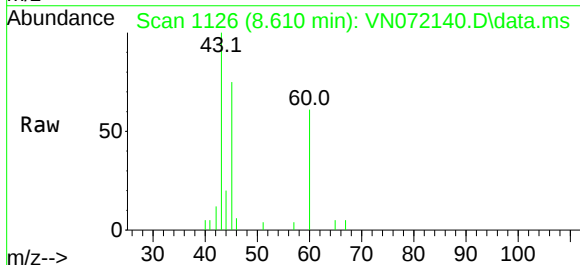


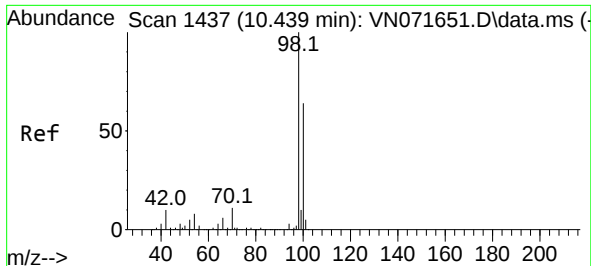
Tgt Ion:117 Resp: 58136
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.862 ug/l
RT: 8.610 min Scan# 1126
Delta R.T. 0.059 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 43 Resp: 14656
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

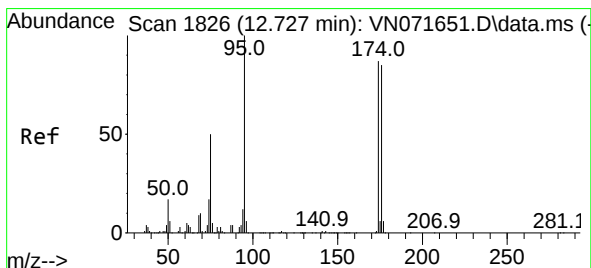
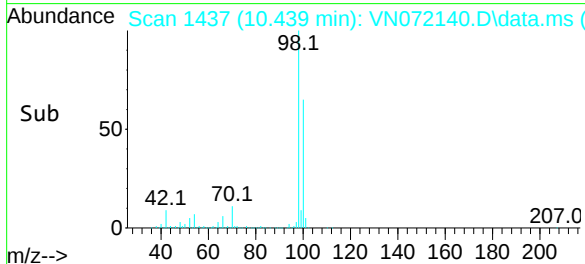
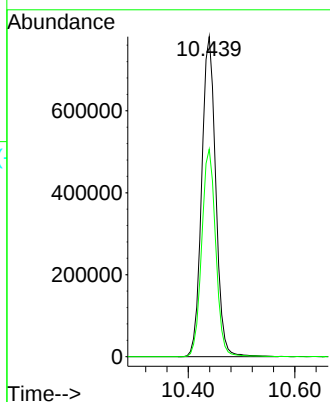
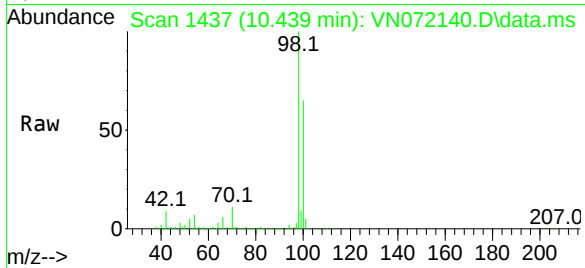




#50
Toluene-d8
Concen: 52.215 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

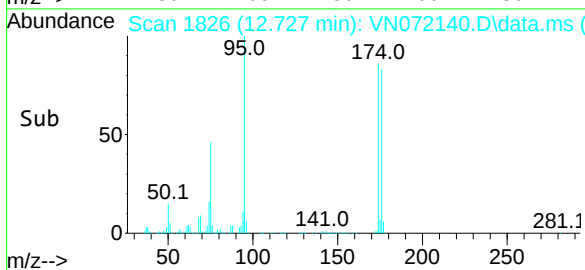
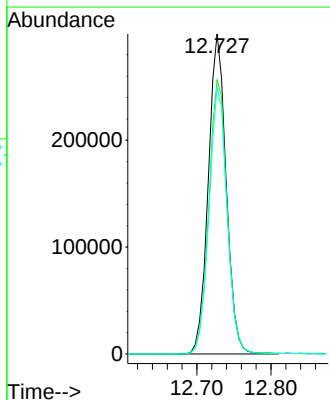
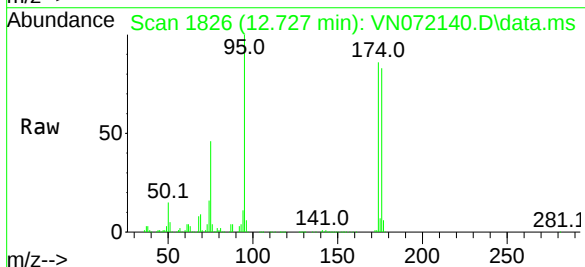
Instrument :
MSVOA_N
ClientSampleId :
MW-30

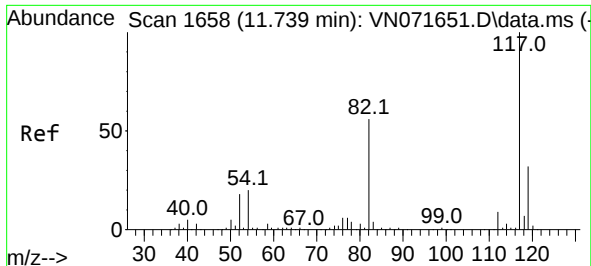
Tgt Ion: 98 Resp: 1428155
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.647 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion: 95 Resp: 501096
Ion Ratio Lower Upper
95 100
174 87.9 0.0 167.6
176 83.9 0.0 163.4

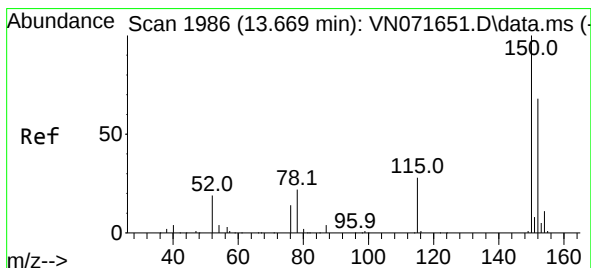
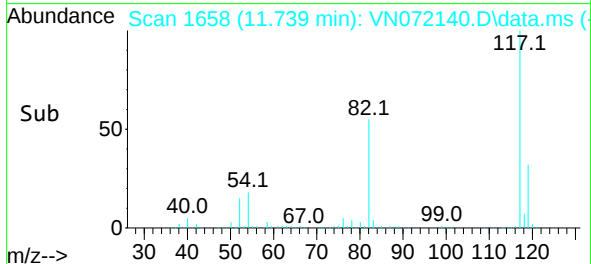
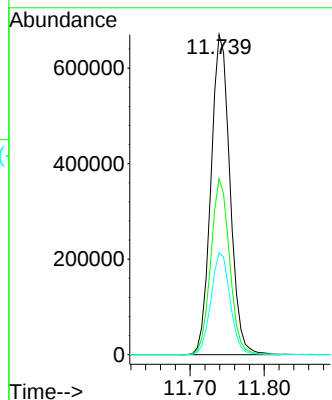
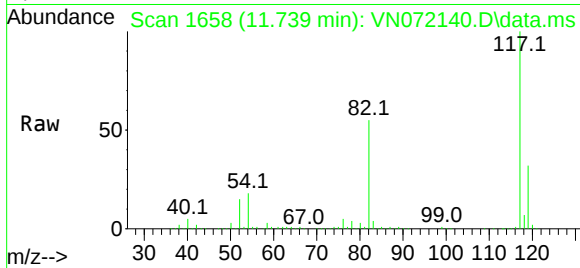




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

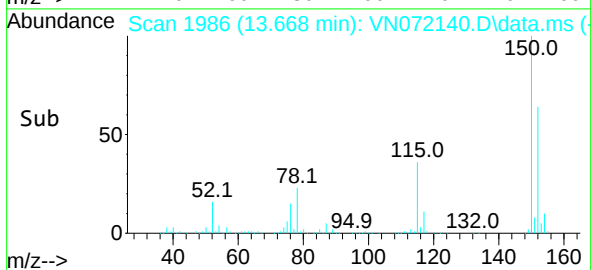
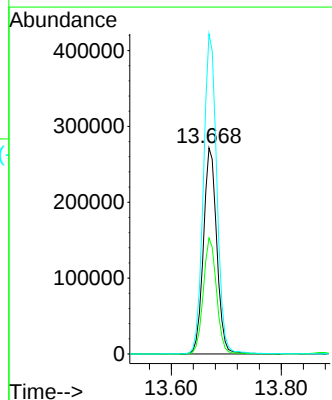
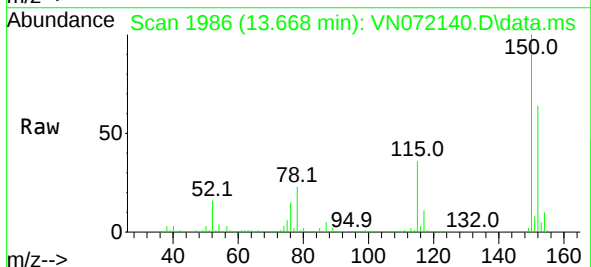
Instrument :
MSVOA_N
ClientSampleId :
MW-30

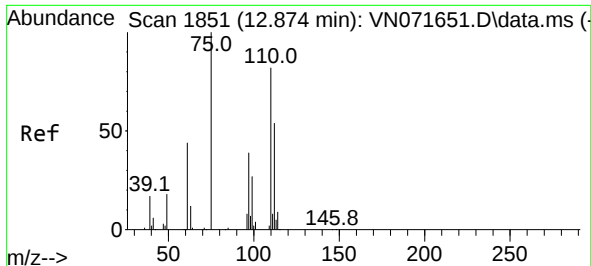
Tgt Ion:117 Resp: 1195776
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

Tgt Ion:152 Resp: 458025
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 156.0 0.0 356.2

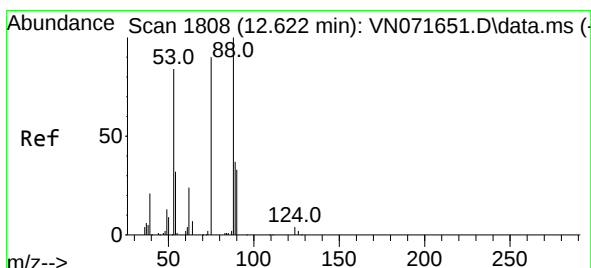
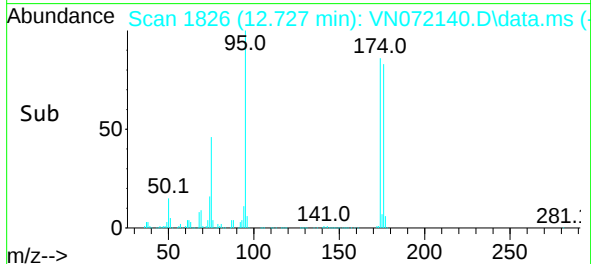
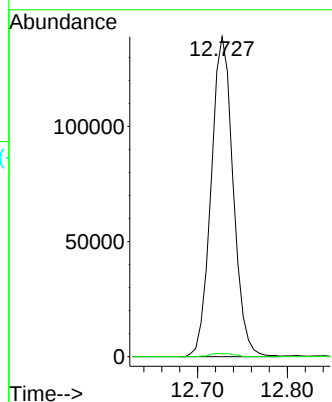
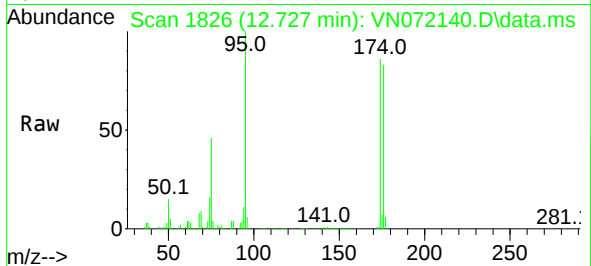




#76
1,2,3-Trichloropropane
Concen: 22.350 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

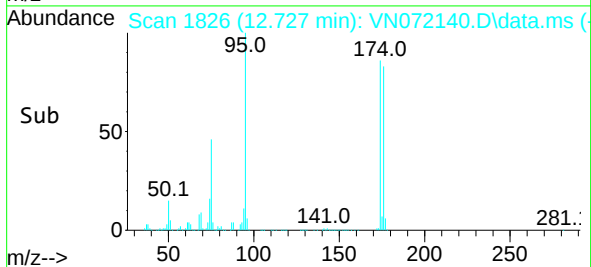
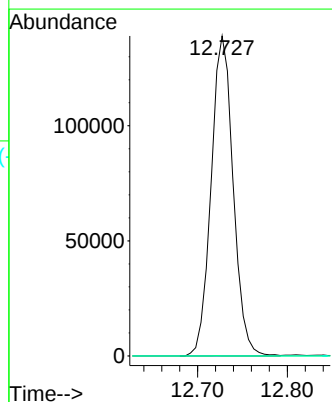
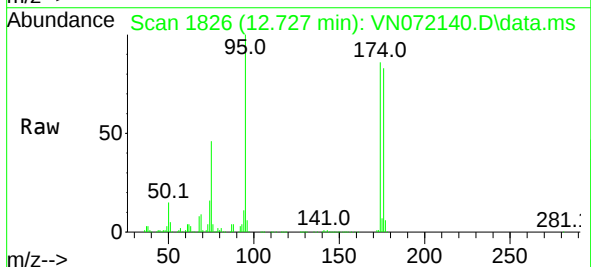
Instrument :
MSVOA_N
ClientSampleId :
MW-30

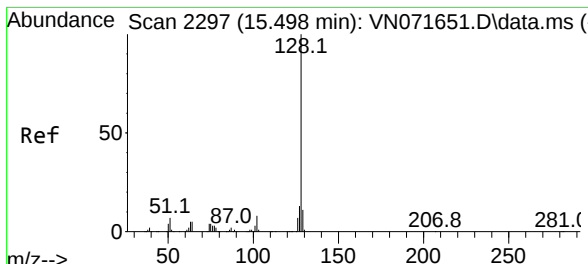
Tgt Ion: 75 Resp: 237145
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.262 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072140.D
Acq: 21 Apr 2022 21:10

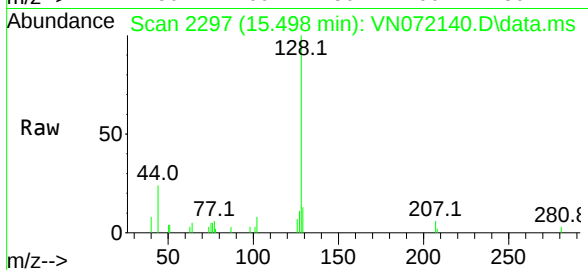
Tgt Ion: 75 Resp: 237145
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 4.551 ug/l
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072140.D
 Acq: 21 Apr 2022 21:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30



Tgt Ion:	128	Resp:	16880
Ion Ratio	Lower	Upper	
128	100		
127	11.3	10.3	15.5
129	10.6	8.6	13.0

