

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065725.D
 Acq On : 4 Feb 2021 18:22
 Operator : JC/MD
 Sample : M1293-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

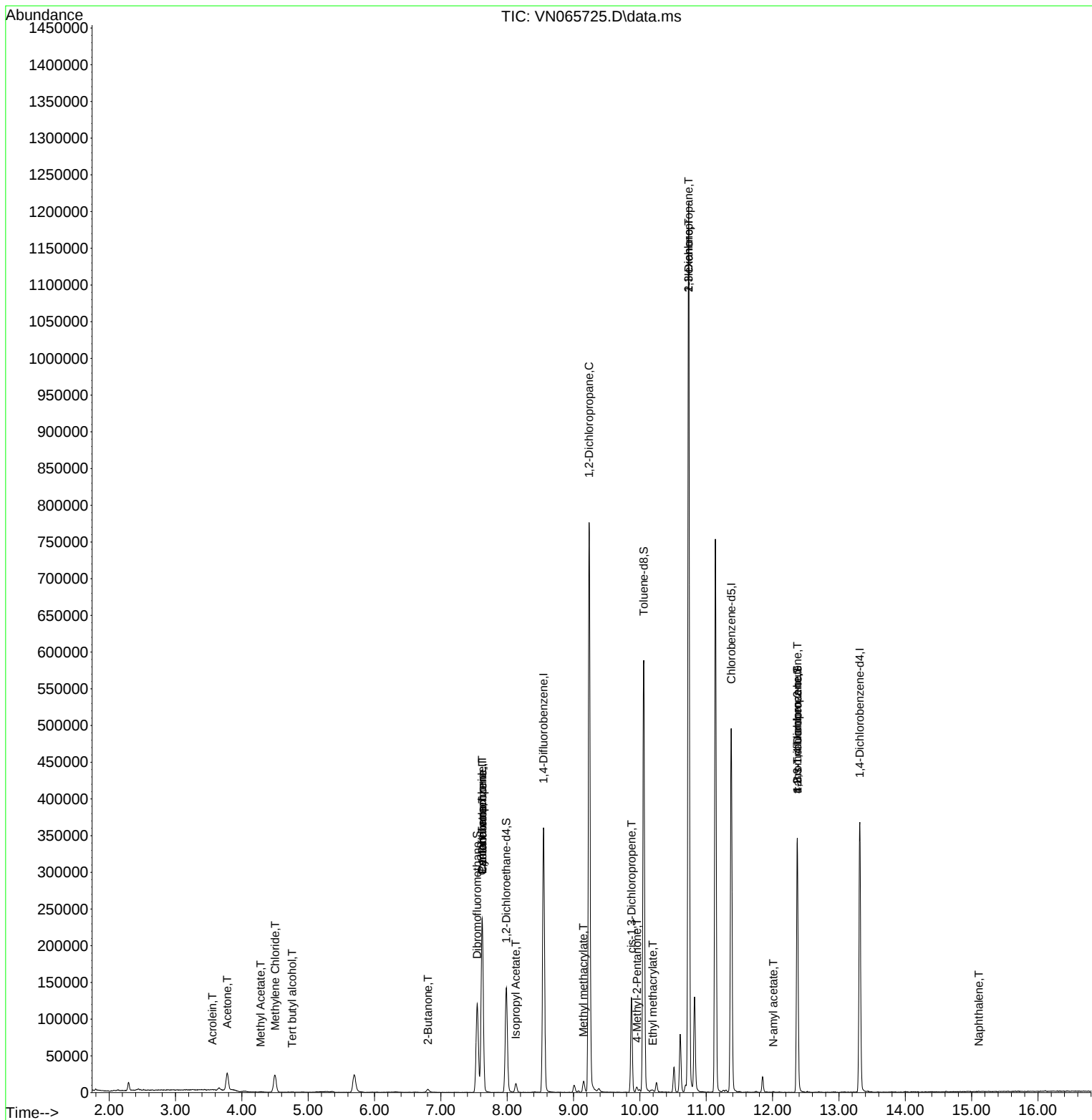
Quant Time: Feb 05 02:20:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	199199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	338361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	303609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	108277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	119492	45.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.20%		
35) Dibromofluoromethane	7.547	113	98925	49.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.68%		
50) Toluene-d8	10.058	98	427629	54.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.52%		
62) 4-Bromofluorobenzene	12.373	95	136858	48.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.44%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.759	59	191	0.39	ug/l #	73
13) Acrolein	3.557	56	69	18.24	ug/l #	1
16) Acetone	3.779	43	36865	36.13	ug/l	99
18) Methyl Acetate	4.283	43	888	0.31	ug/l #	51
20) Methylene Chloride	4.502	84	17999	6.37	ug/l	96
25) 2-Butanone	6.804	43	5720	3.58	ug/l	97
31) Cyclohexane	7.624	56	3628	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14839	4.36	ug/l #	47
38) Carbon Tetrachloride	7.621	117	18650	6.65	ug/l #	17
43) Isopropyl Acetate	8.129	43	14322	2.47	ug/l #	89
45) 1,2-Dichloropropane	9.235	63	896	0.31	ug/l #	44
48) Methyl methacrylate	9.148	41	4387	1.60	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	6121	1.92	ug/l	87
54) cis-1,3-Dichloropropene	9.875	75	25378	5.77	ug/l #	57
56) Ethyl methacrylate	10.196	69	1712	0.44	ug/l #	85
57) 1,3-Dichloropropane	10.733	76	13258	3.21	ug/l #	43
59) 2-Hexanone	10.733	43	169184	76.31	ug/l #	52
74) N-amyl acetate	12.013	43	1505	0.38	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	63043	22.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	63043	57.03	ug/l #	12
95) Naphthalene	15.109	128	472	3.51	ug/l #	69

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

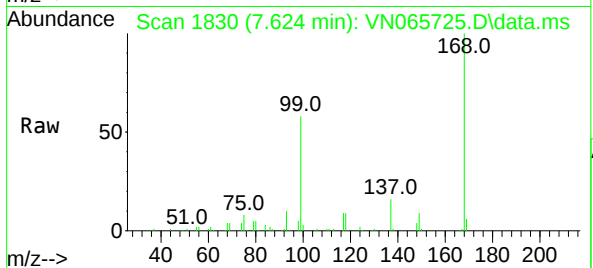
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



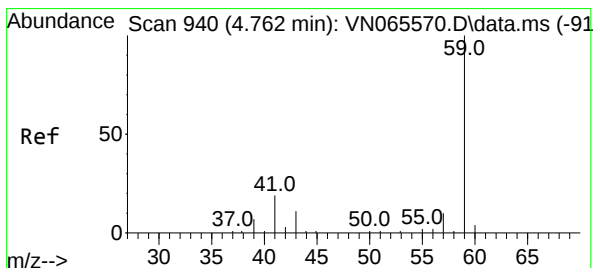
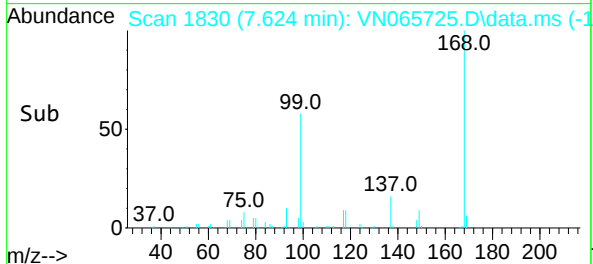
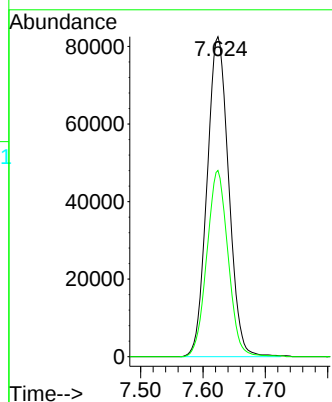


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Instrument :
MSVOA_N
ClientSampled :

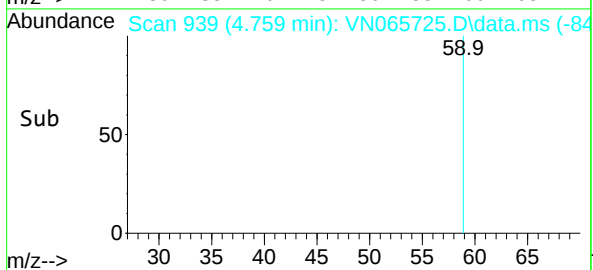
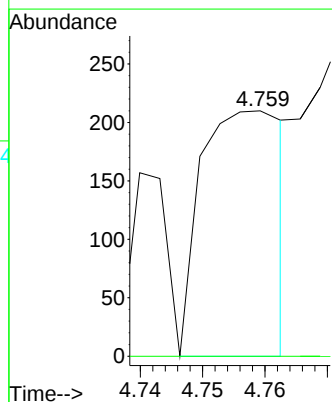
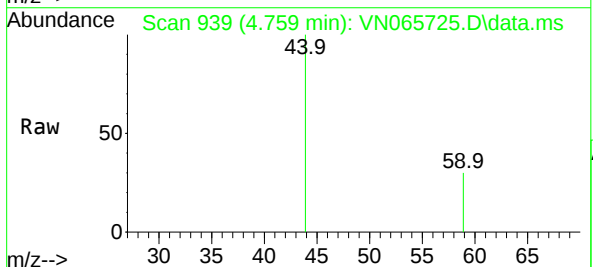


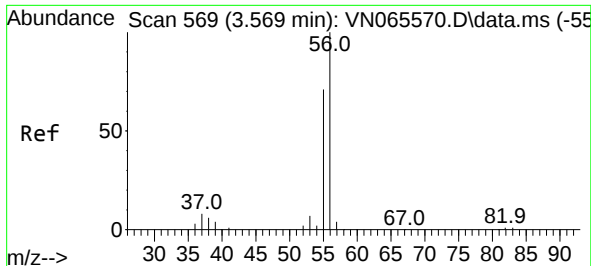
Tgt Ion:168 Resp: 199199
Ion Ratio Lower Upper
168 100
99 58.2 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.39 ug/l
RT: 4.759 min Scan# 939
Delta R.T. -0.003 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

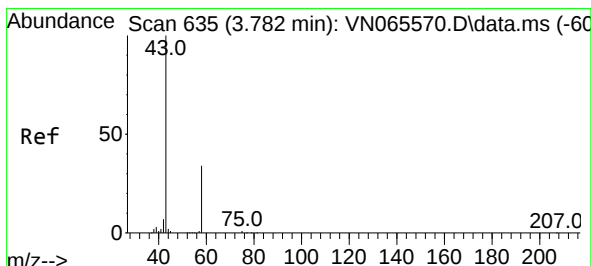
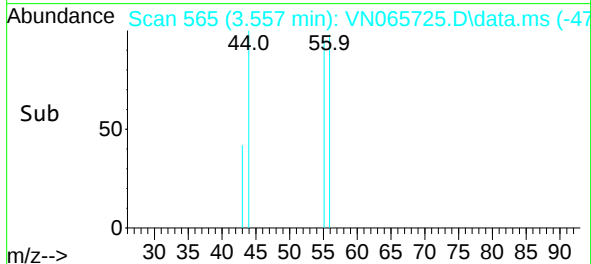
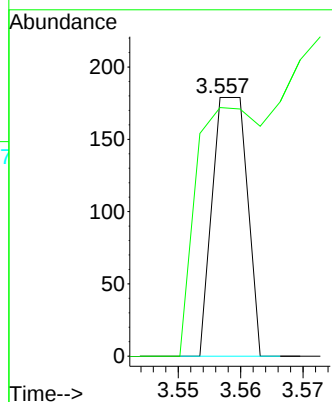
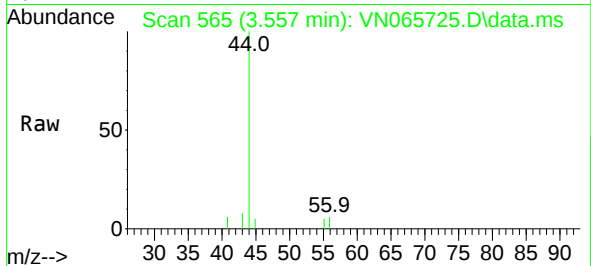




#13
Acrolein
Concen: 18.24 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

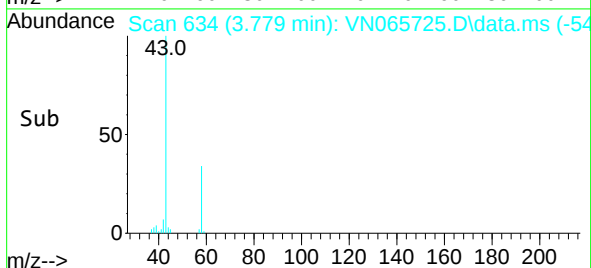
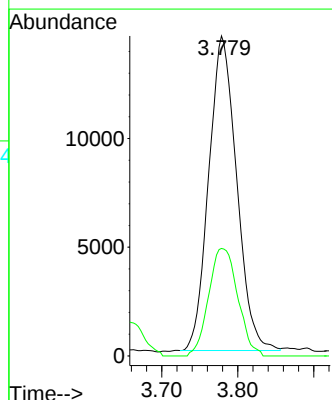
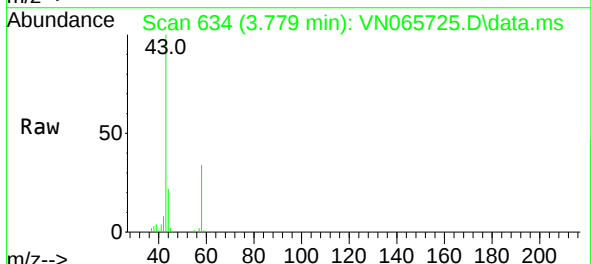
Instrument :
MSVOA_N
ClientSampled :

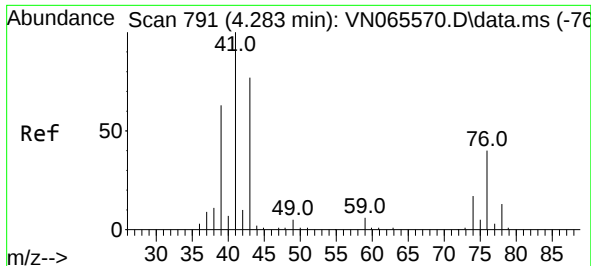
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 547.8 56.0 84.0#



#16
Acetone
Concen: 36.13 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 43 Resp: 36865
Ion Ratio Lower Upper
43 100
58 34.2 27.0 40.6





#18

Methyl Acetate

Concen: 0.31 ug/l

RT: 4.283 min Scan# 791

Delta R.T. 0.000 min

Lab File: VN065725.D

Acq: 4 Feb 2021 18:22

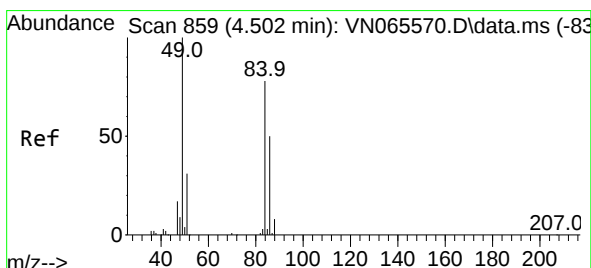
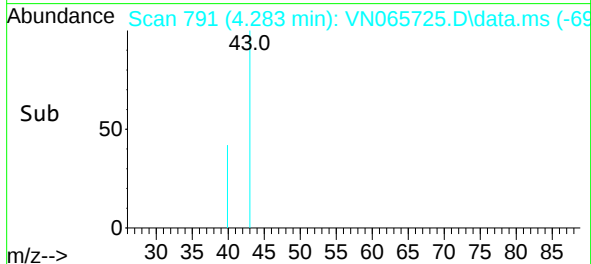
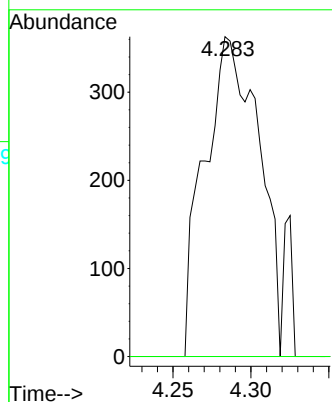
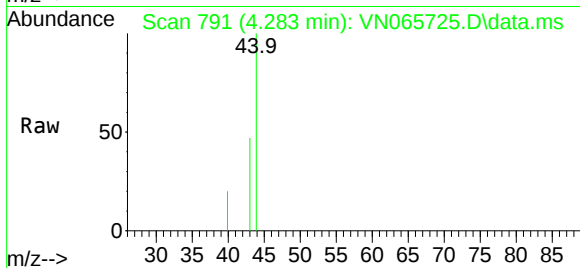
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#20

Methylene Chloride

Concen: 6.37 ug/l

RT: 4.502 min Scan# 859

Delta R.T. -0.000 min

Lab File: VN065725.D

Acq: 4 Feb 2021 18:22

Tgt Ion: 84 Resp: 17999

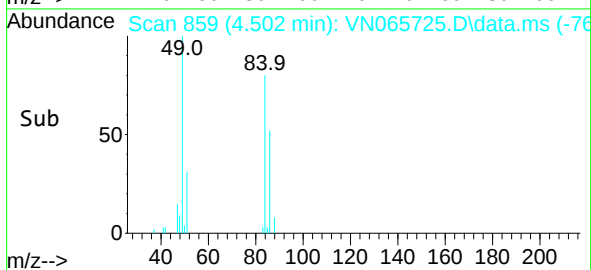
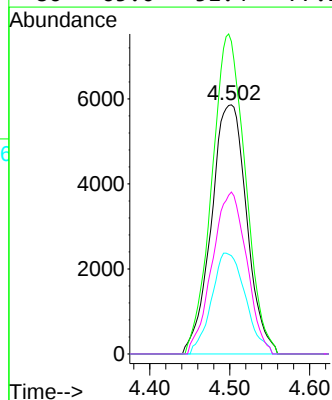
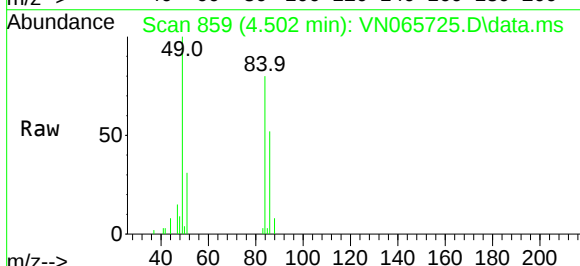
Ion Ratio Lower Upper

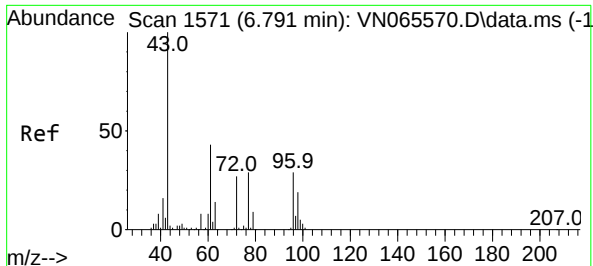
84 100

49 125.4 94.6 141.8

51 39.4 29.9 44.9

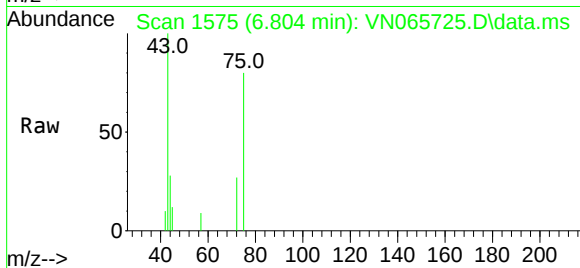
86 65.0 51.4 77.2



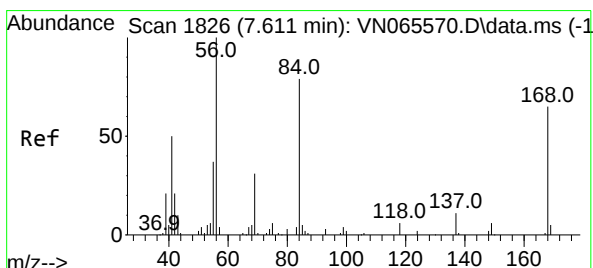
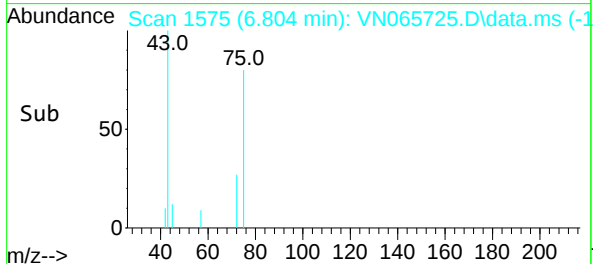
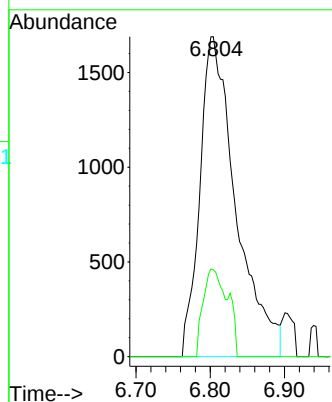


#25
2-Butanone
Concen: 3.58 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Instrument :
MSVOA_N
ClientSampled :

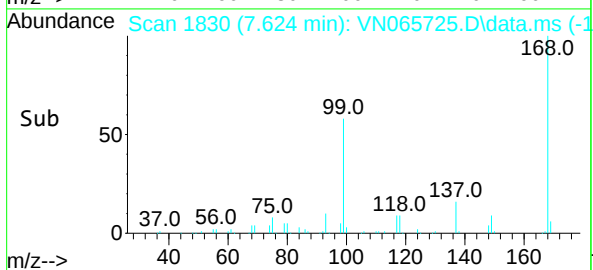
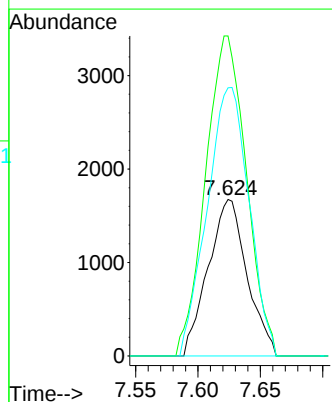
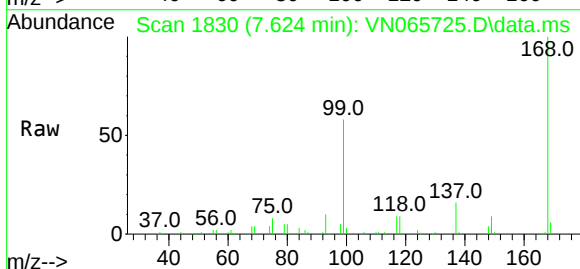


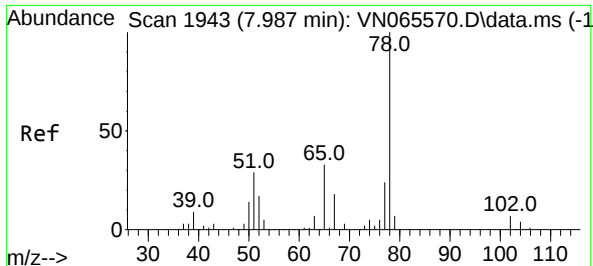
Tgt Ion: 43 Resp: 5720
Ion Ratio Lower Upper
43 100
72 27.2 23.1 34.7



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 56 Resp: 3628
Ion Ratio Lower Upper
56 100
69 204.5 26.6 39.8#
84 171.4 70.4 105.6#

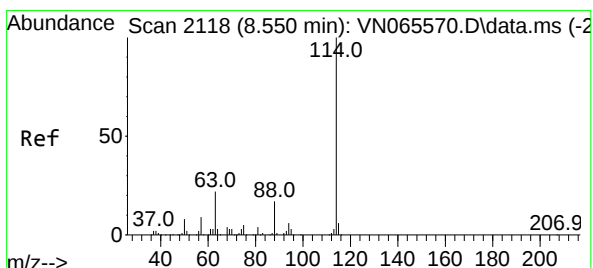
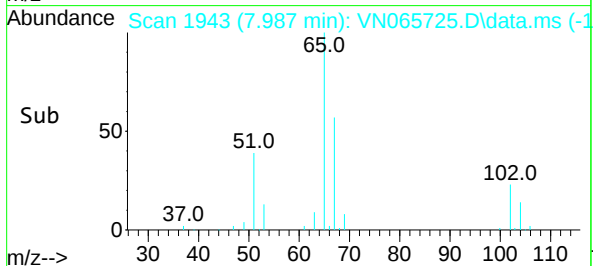
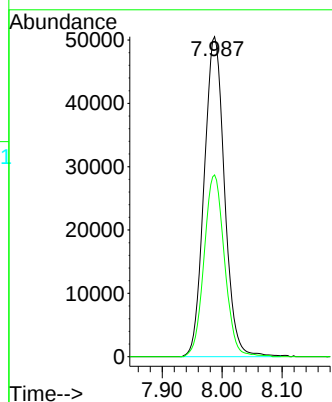
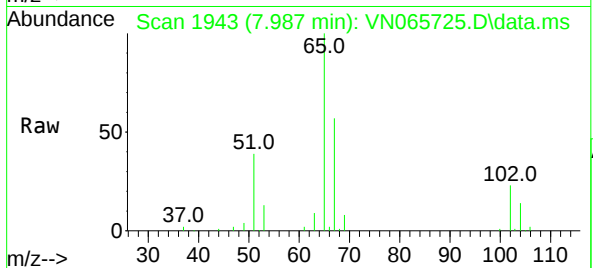




#33
1,2-Dichloroethane-d4
Concen: 45.60 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

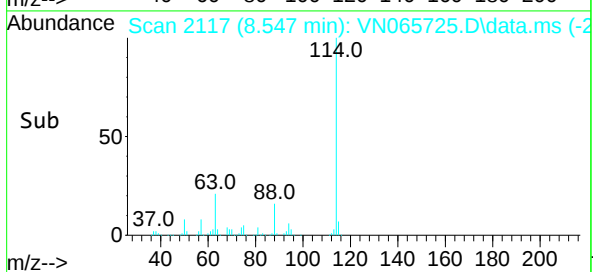
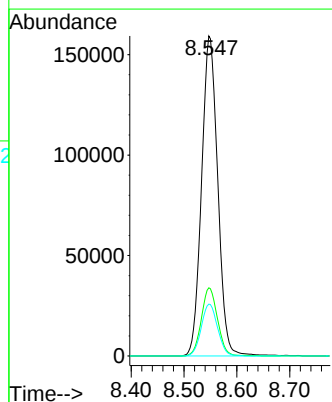
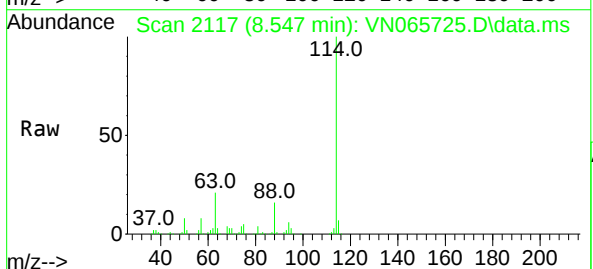
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MSVOA_N
ClientSampled :

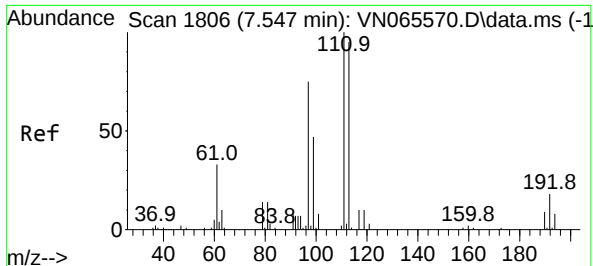
Tgt Ion: 65 Resp: 119492
Ion Ratio Lower Upper
65 100
67 57.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 114 Resp: 338361
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 16.2 0.0 30.6

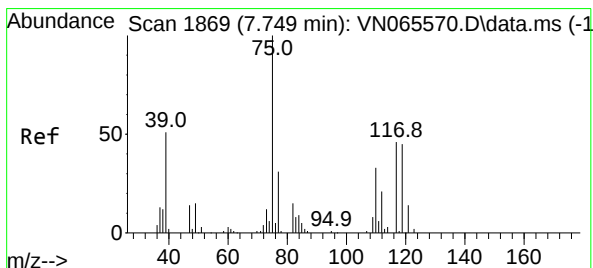
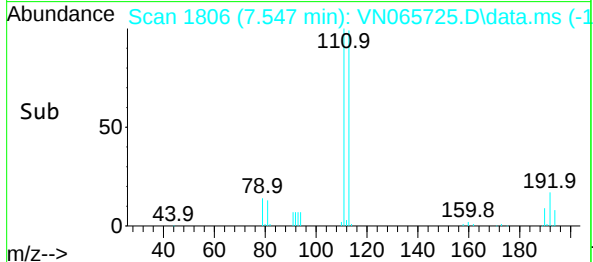
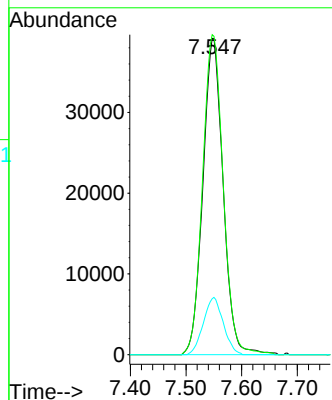
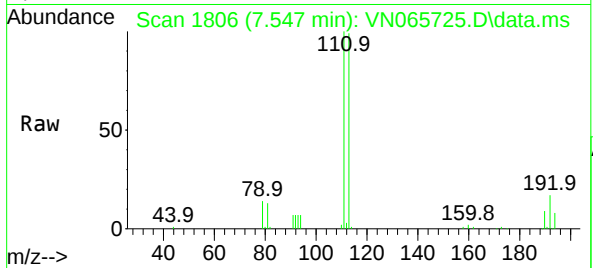




#35
Dibromofluoromethane
Concen: 49.34 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

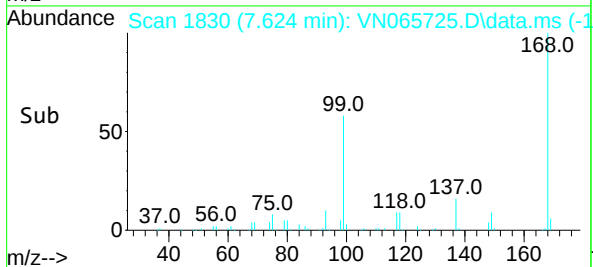
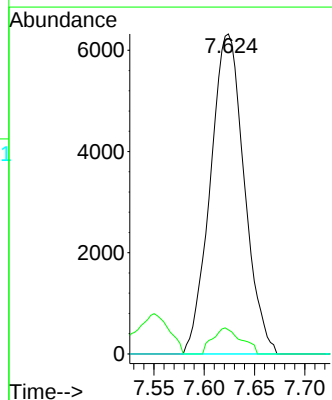
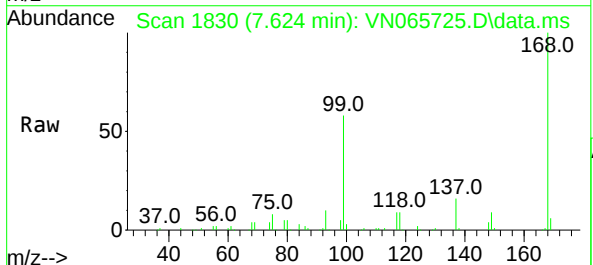
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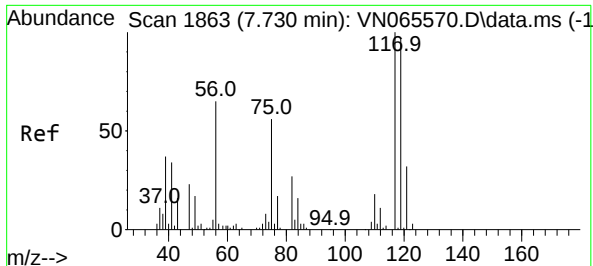
Tgt Ion:113 Resp: 98925
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 17.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

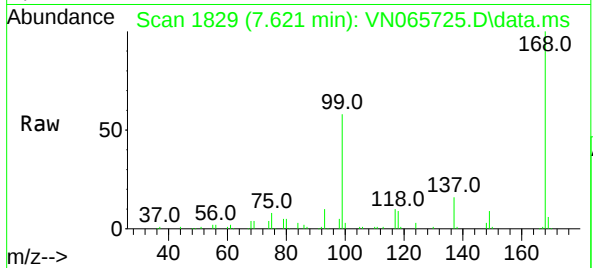
Tgt Ion: 75 Resp: 14839
Ion Ratio Lower Upper
75 100
110 6.8 18.2 54.6#
77 0.0 24.9 37.3#



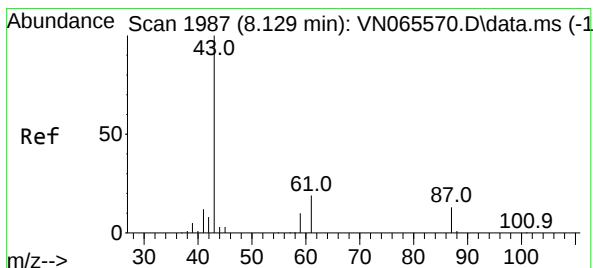
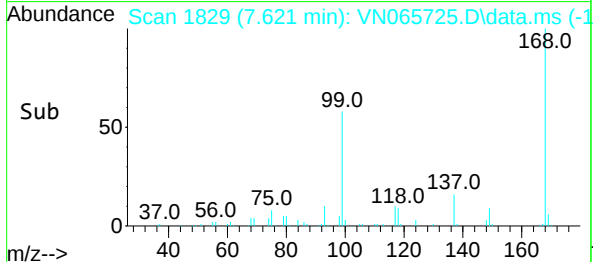
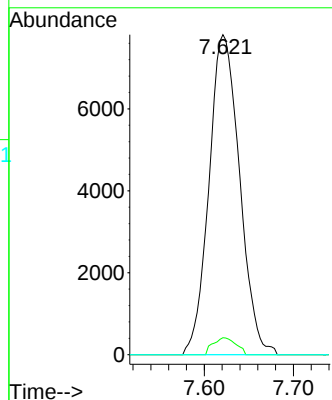


#38
Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Instrument :
MSVOA_N
ClientSampled :

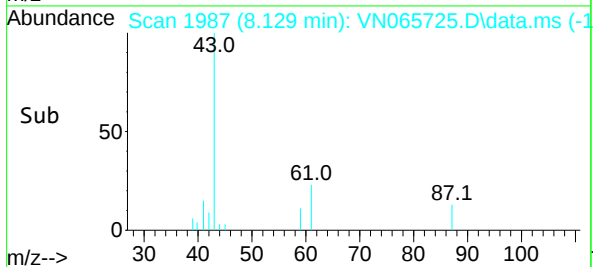
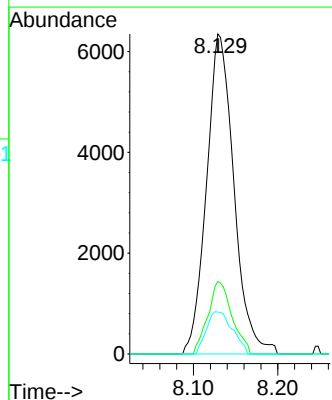
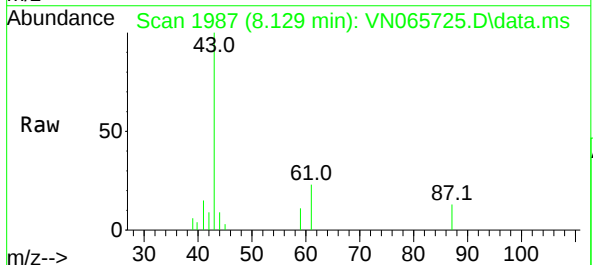


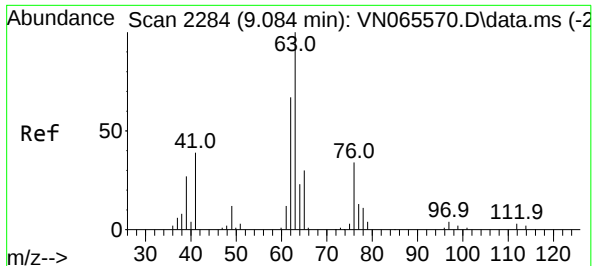
Tgt Ion:117 Resp: 18650
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.47 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 43 Resp: 14322
Ion Ratio Lower Upper
43 100
61 19.9 22.5 33.7#
87 12.5 11.1 16.7

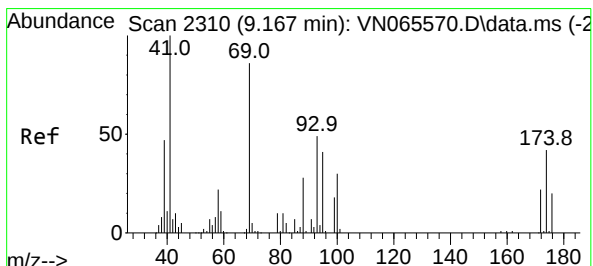
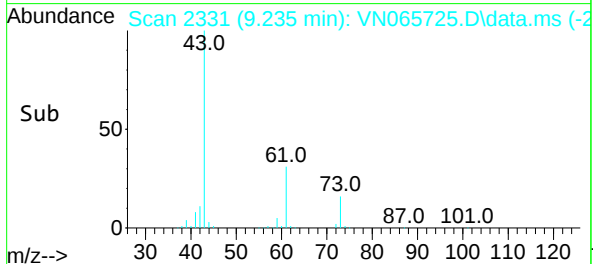
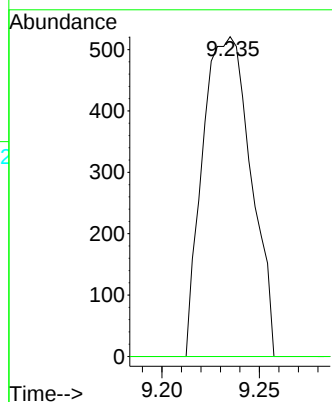
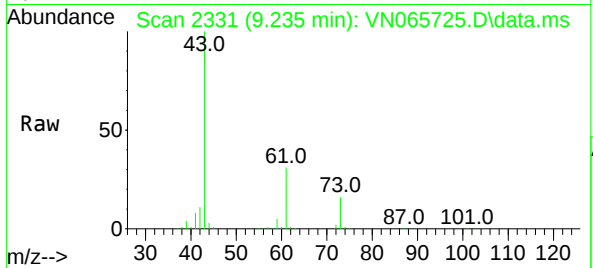




#45
1,2-Dichloropropane
Concen: 0.31 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

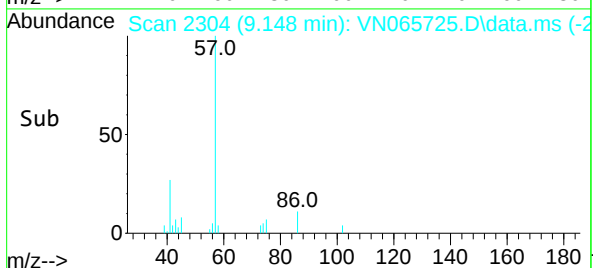
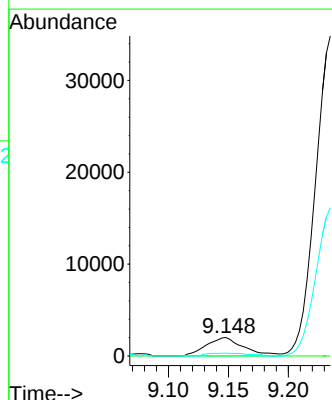
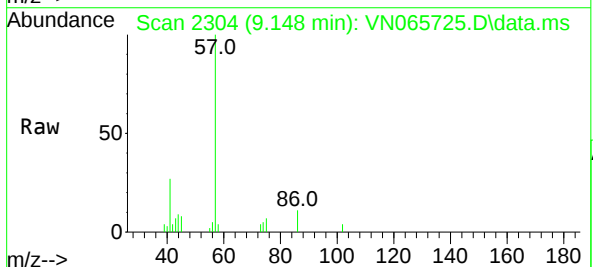
Instrument :
MSVOA_N
ClientSampled :

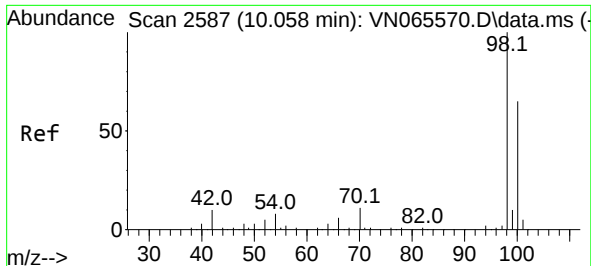
Tgt Ion: 63 Resp: 896
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.60 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 41 Resp: 4387
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

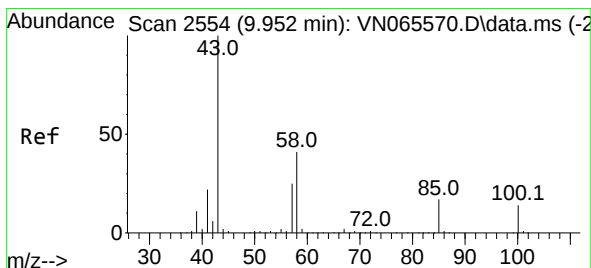
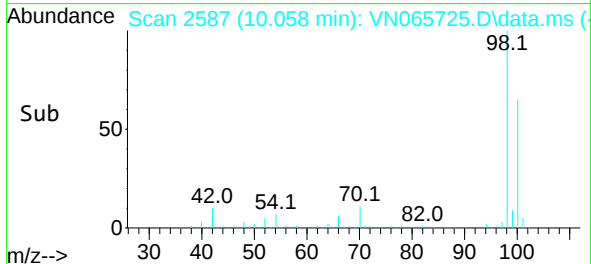
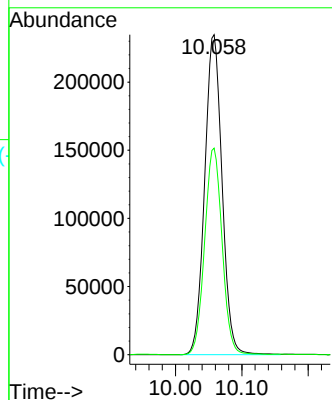
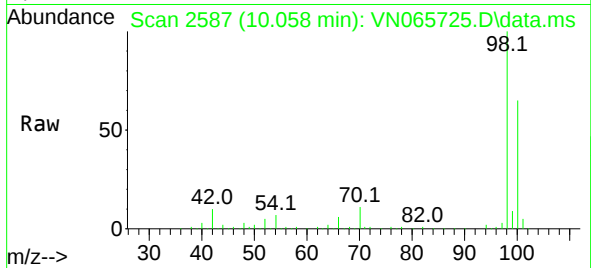




#50
Toluene-d8
Concen: 54.26 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

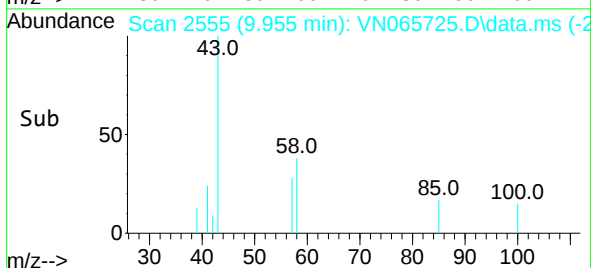
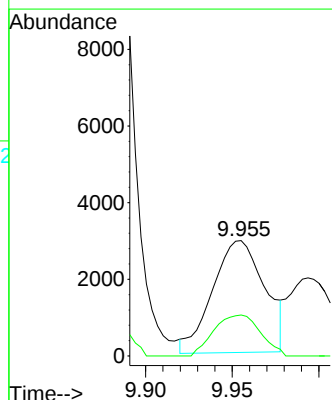
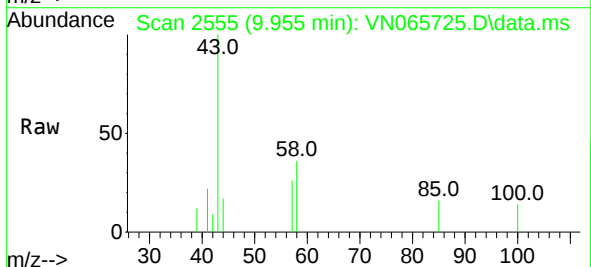
Instrument :
MSVOA_N
ClientSampled :

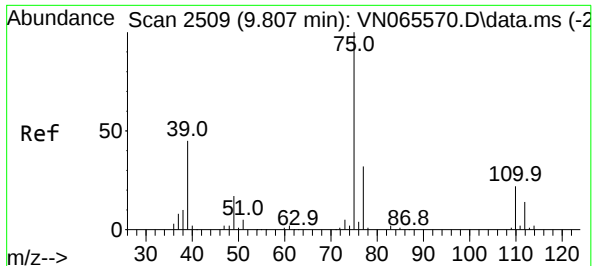
Tgt Ion: 98 Resp: 427629
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.92 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 43 Resp: 6121
Ion Ratio Lower Upper
43 100
58 32.7 32.5 48.7

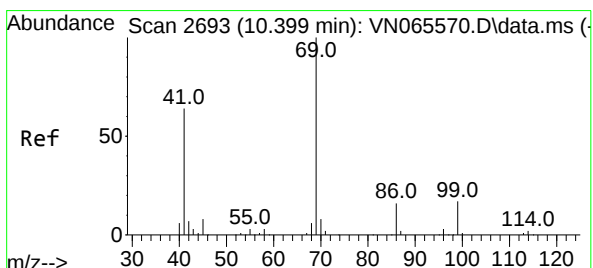
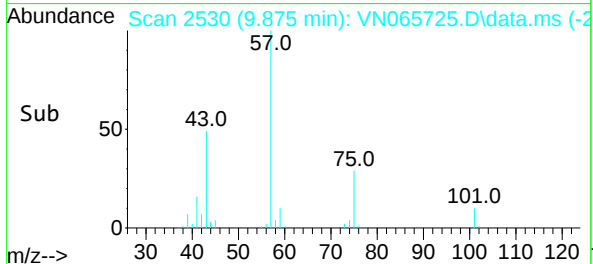
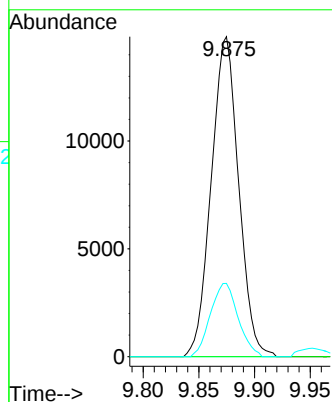
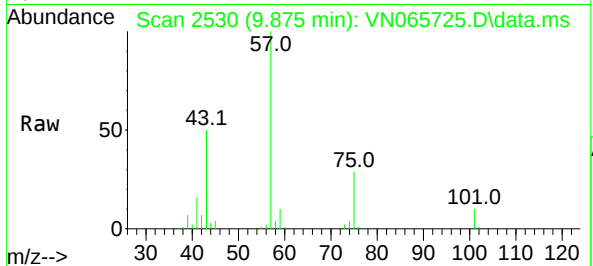




#54
 cis-1,3-Dichloropropene
 Concen: 5.77 ug/l
 RT: 9.875 min Scan# 2530
 Delta R.T. 0.068 min
 Lab File: VN065725.D
 Acq: 4 Feb 2021 18:22

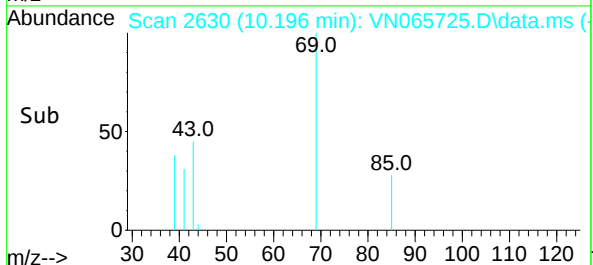
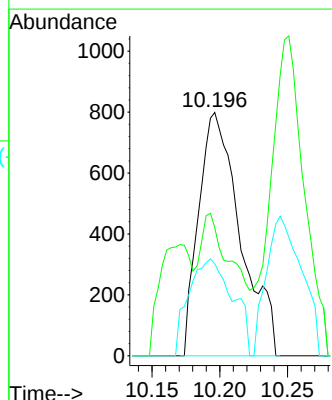
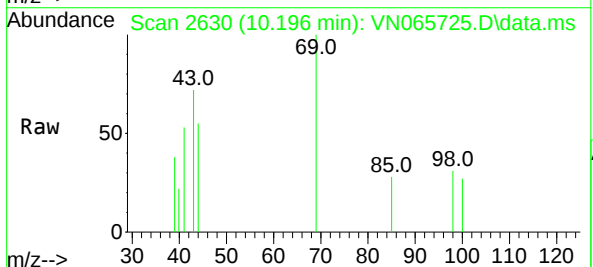
Instrument :
 MSVOA_N
 ClientSampled :

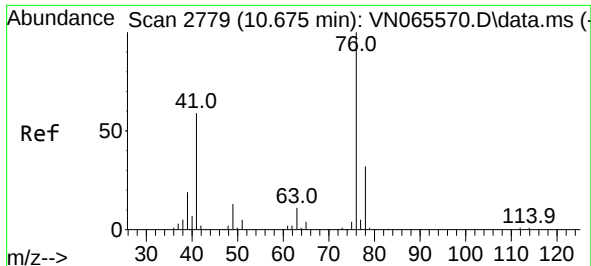
Tgt Ion: 75 Resp: 25378
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 22.9 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.44 ug/l
 RT: 10.196 min Scan# 2630
 Delta R.T. -0.203 min
 Lab File: VN065725.D
 Acq: 4 Feb 2021 18:22

Tgt Ion: 69 Resp: 1712
 Ion Ratio Lower Upper
 69 100
 41 49.1 49.6 74.4#
 39 41.7 28.0 42.0

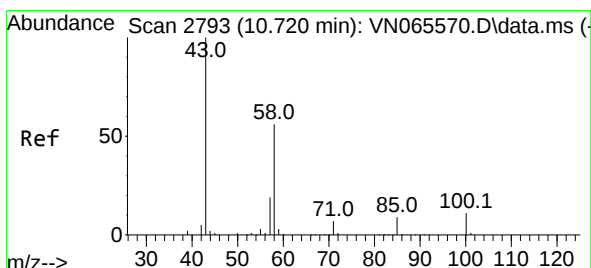
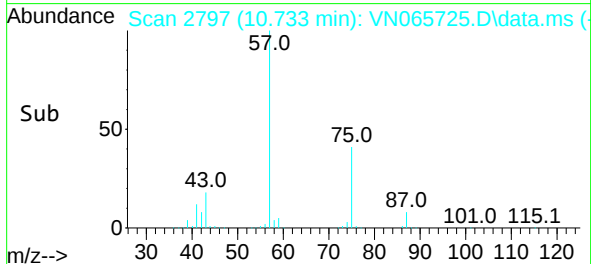
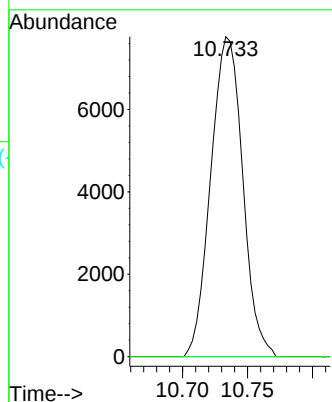
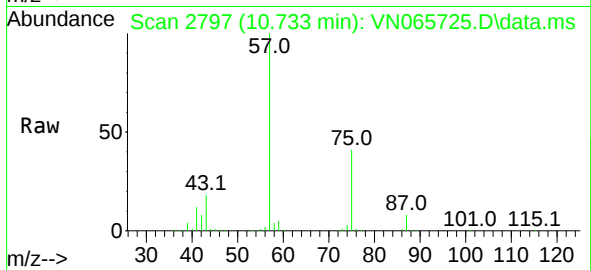




#57
1,3-Dichloropropane
Concen: 3.21 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

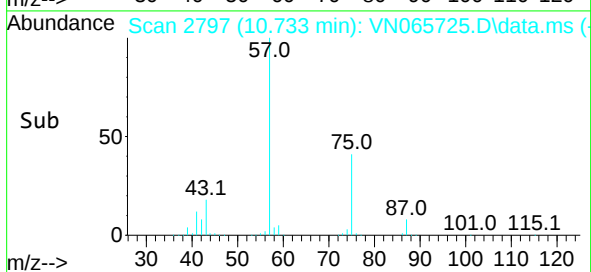
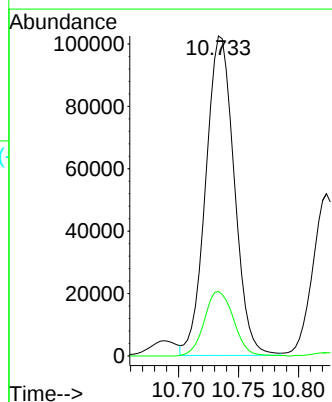
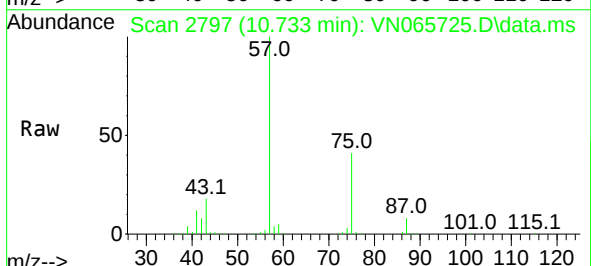
Instrument :
MSVOA_N
ClientSampled :

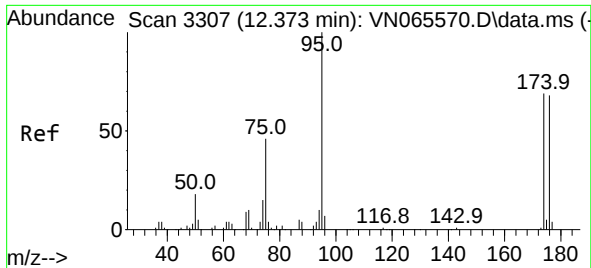
Tgt Ion: 76 Resp: 13258
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 76.31 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 43 Resp: 169184
Ion Ratio Lower Upper
43 100
58 20.8 28.1 84.3#

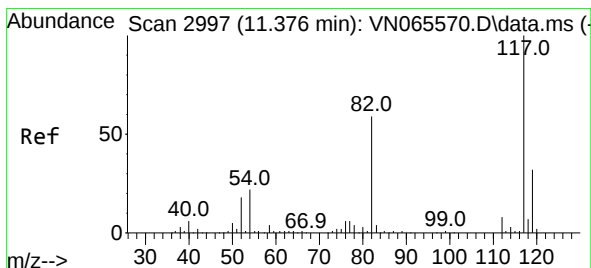
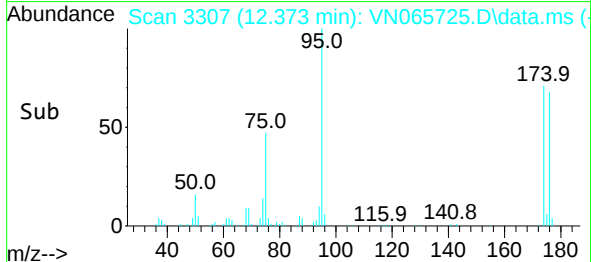
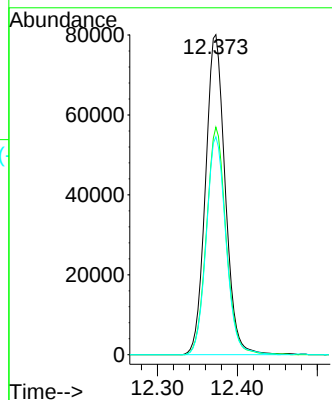
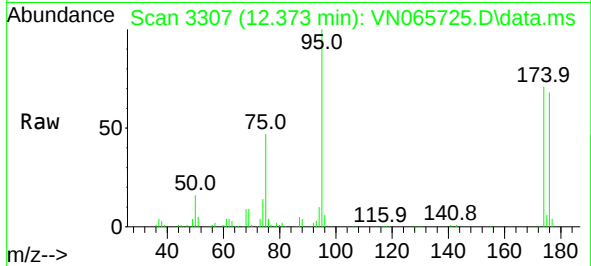




#62
4-Bromofluorobenzene
Concen: 48.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

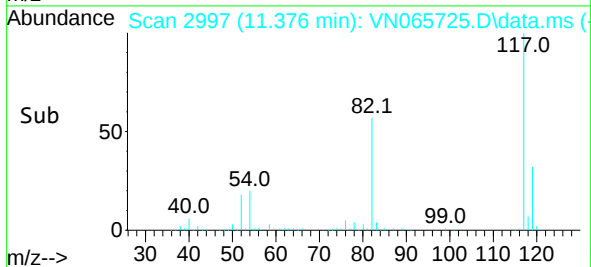
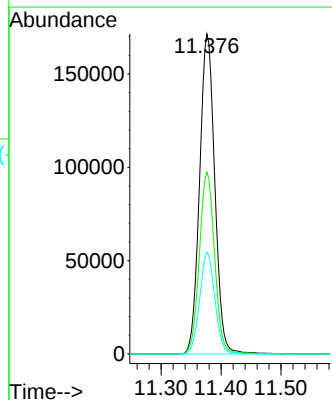
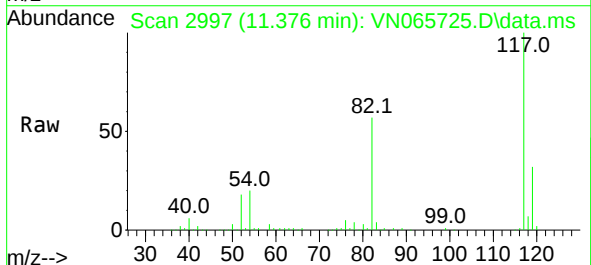
Instrument :
MSVOA_N
ClientSampleId :

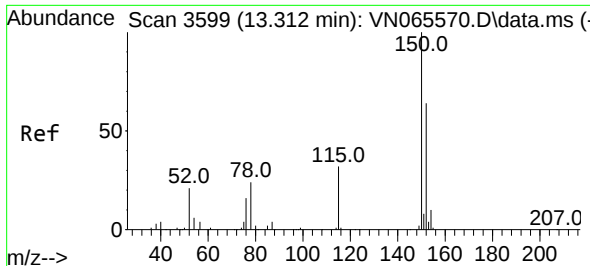
Tgt Ion: 95 Resp: 136858
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 68.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 117 Resp: 303609
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 31.8 26.1 39.1

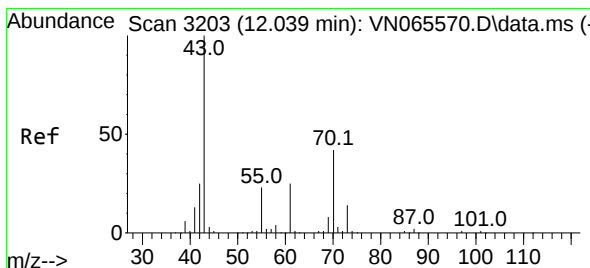
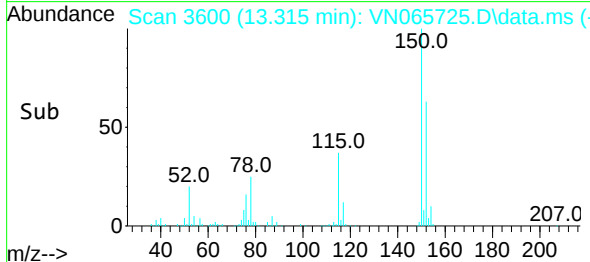
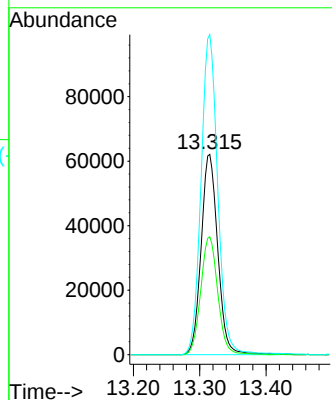
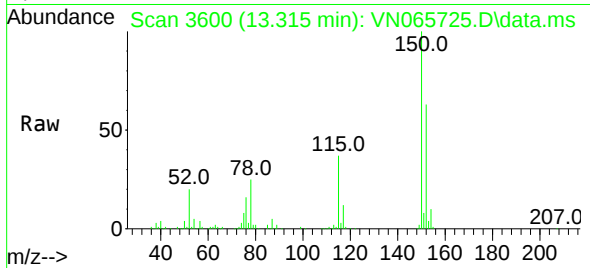




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

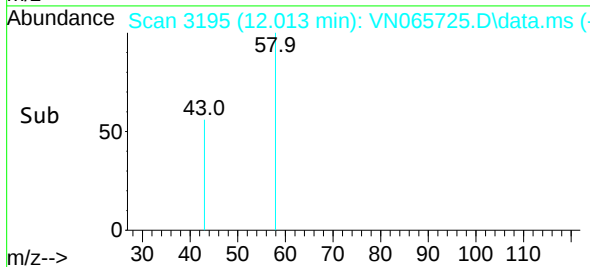
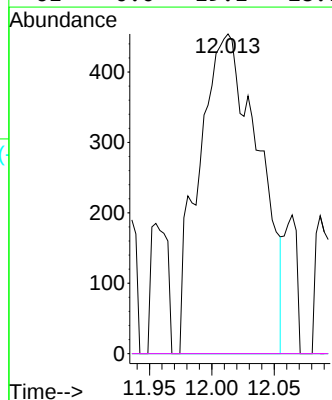
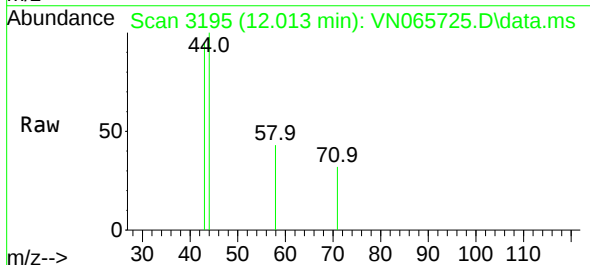
Instrument :
MSVOA_N
ClientSampleId :

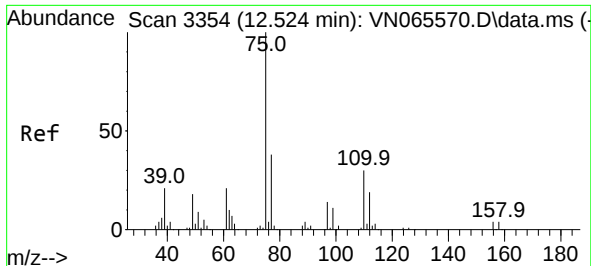
Tgt Ion:152 Resp: 108277
Ion Ratio Lower Upper
152 100
115 60.0 28.5 85.6
150 160.7 0.0 347.6



#74
N-ethyl acetate
Concen: 0.38 ug/l
RT: 12.013 min Scan# 3195
Delta R.T. -0.026 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

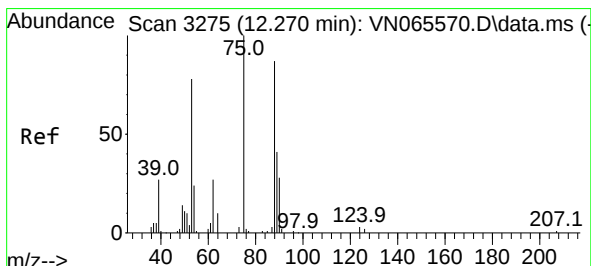
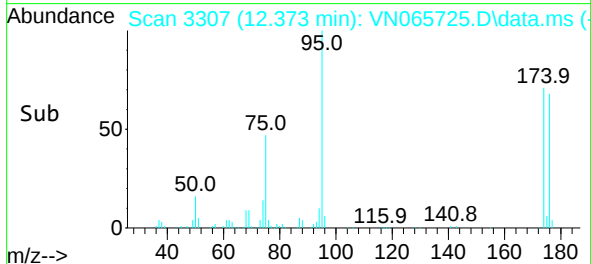
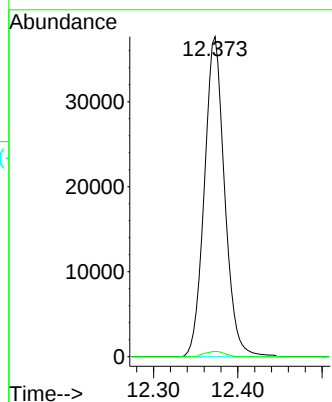
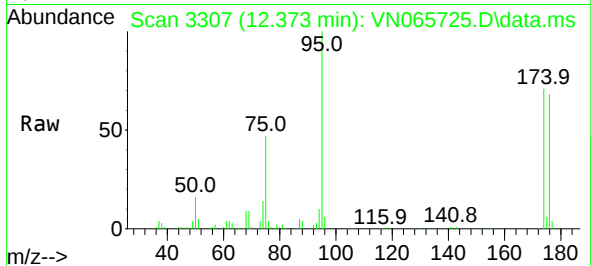




#76
1,2,3-Trichloropropane
Concen: 22.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

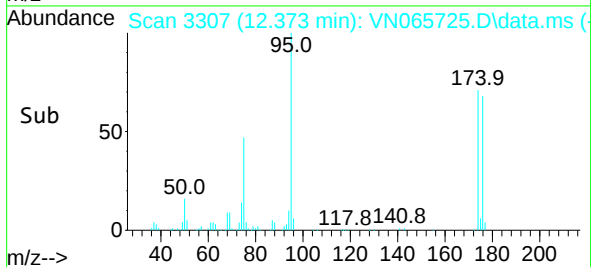
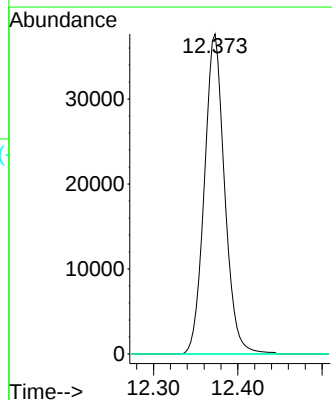
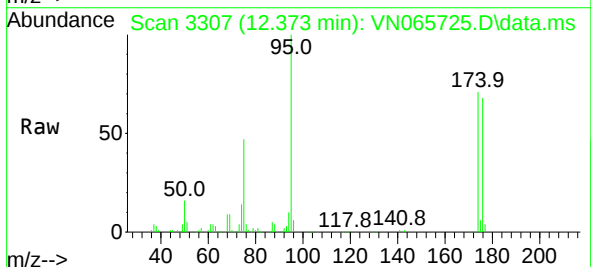
Instrument :
MSVOA_N
ClientSampled :

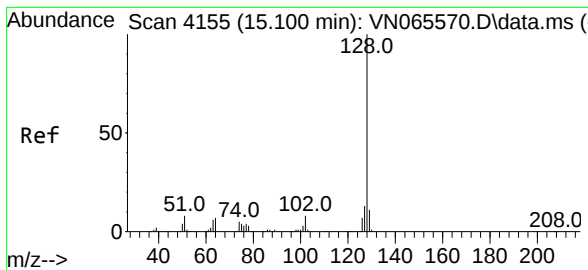
Tgt Ion: 75 Resp: 63043
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

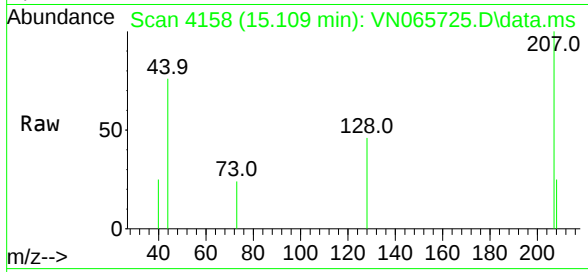
Tgt Ion: 75 Resp: 63043
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.51 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065725.D
Acq: 4 Feb 2021 18:22

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 472
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

