

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066641.D
 Acq On : 16 Apr 2021 21:16
 Operator : JC/MD
 Sample : M2055-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Apr 17 05:20:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

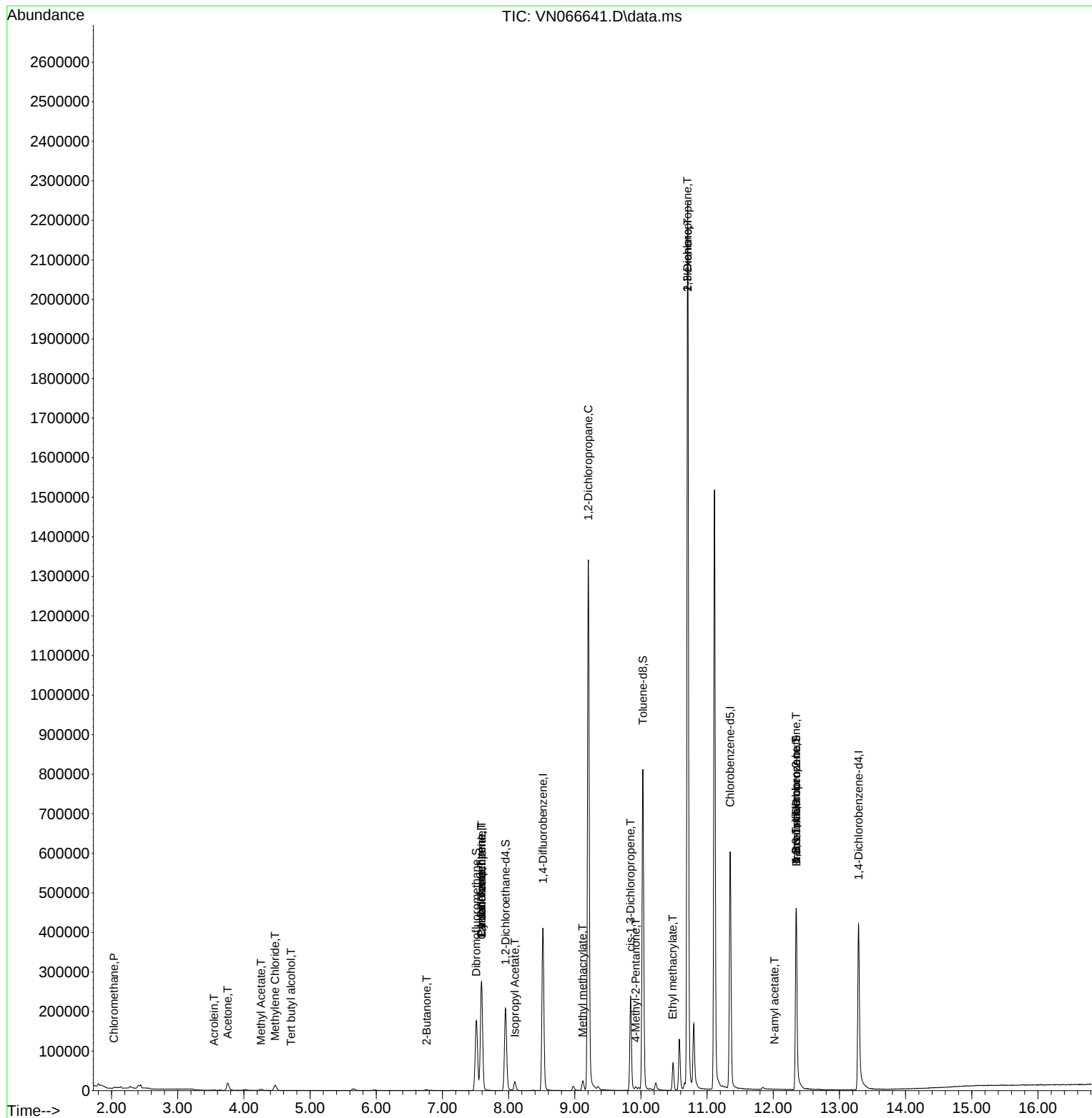
Internal Standards						
1) Pentafluorobenzene	7.591	168	234905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	369360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	355972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	142975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	177229	50.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.02%			
35) Dibromofluoromethane	7.513	113	140606	54.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.78%			
50) Toluene-d8	10.029	98	552192	55.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.00%			
62) 4-Bromofluorobenzene	12.346	95	176898	50.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.22%			
Target Compounds					Qvalue	
3) Chloromethane	2.037	50	1151	0.28	ug/l #	88
11) Tert butyl alcohol	4.710	59	237	0.42	ug/l #	73
13) Acrolein	3.549	56	600	1.98	ug/l #	71
16) Acetone	3.756	43	32316	17.61	ug/l	94
18) Methyl Acetate	4.260	43	6604	1.73	ug/l #	71
20) Methylene Chloride	4.472	84	9938	2.97	ug/l	90
25) 2-Butanone	6.759	43	4932	2.36	ug/l	94
31) Cyclohexane	7.591	56	5014	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	17508	4.70	ug/l #	47
38) Carbon Tetrachloride	7.594	117	20426	5.86	ug/l #	17
43) Isopropyl Acetate	8.095	43	26979	3.83	ug/l #	85
45) 1,2-Dichloropropane	9.203	63	1578	0.48	ug/l #	44
48) Methyl methacrylate	9.117	41	6767	2.13	ug/l #	10
51) 4-Methyl-2-Pentanone	9.921	43	6046	1.46	ug/l	96
54) cis-1,3-Dichloropropene	9.844	75	42833	8.81	ug/l #	64
56) Ethyl methacrylate	10.482	69	253	0.95	ug/l #	1
57) 1,3-Dichloropropane	10.705	76	22022	4.53	ug/l #	43
59) 2-Hexanone	10.707	43	332475	115.14	ug/l #	49
71) Bromoform	12.349	173	1196	0.56	ug/l #	1
74) N-amyl acetate	12.019	43	195	9.77	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	89152	26.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	89152	82.20	ug/l #	12

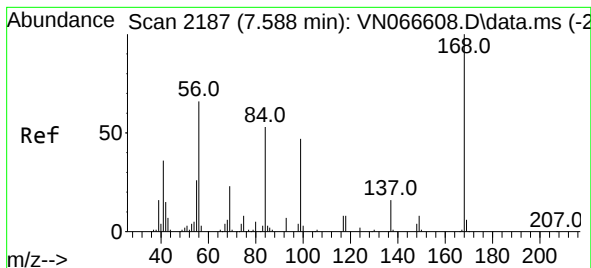
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
Data File : VN066641.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-8

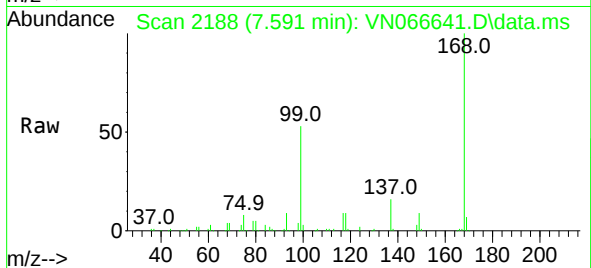
Quant Time: Apr 17 05:20:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration



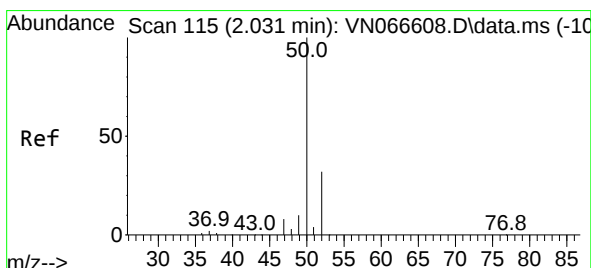
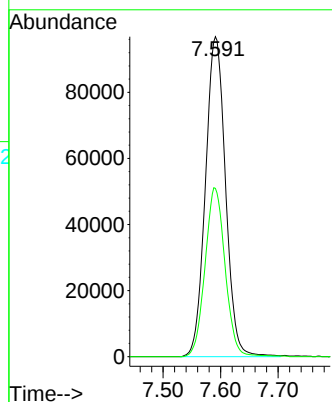
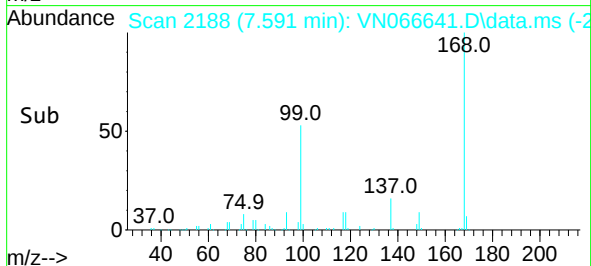


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Instrument :
MSVOA_N
ClientSampleId :
TP-8

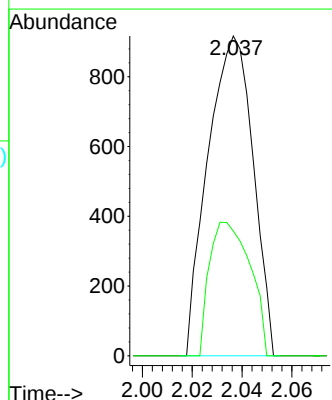
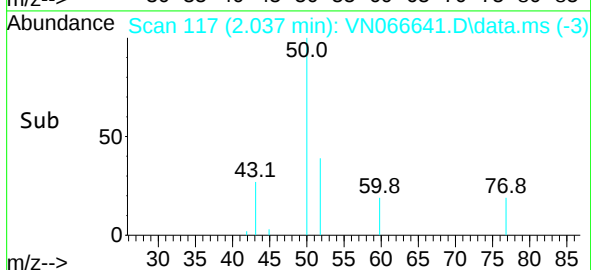
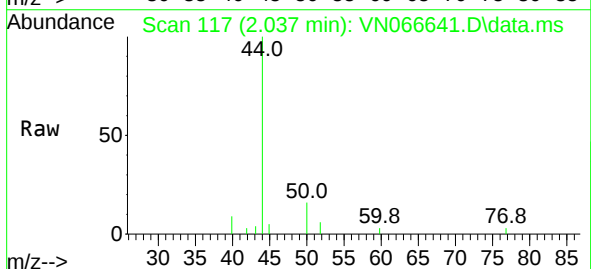


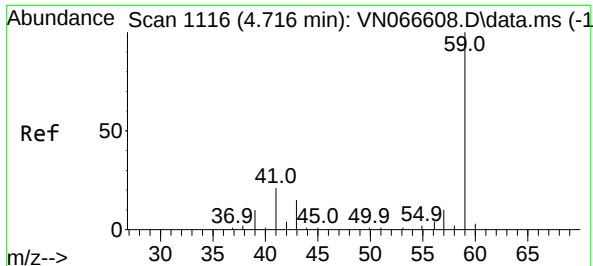
Tgt Ion:168 Resp: 234905
Ion Ratio Lower Upper
168 100
99 52.6 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 50 Resp: 1151
Ion Ratio Lower Upper
50 100
52 39.0 25.8 38.8#



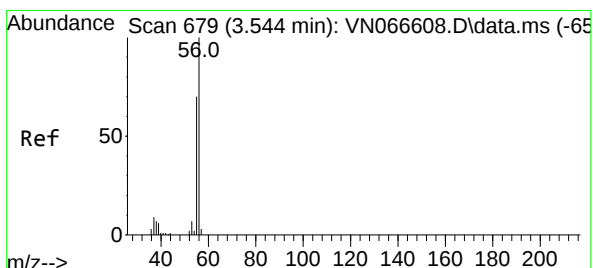
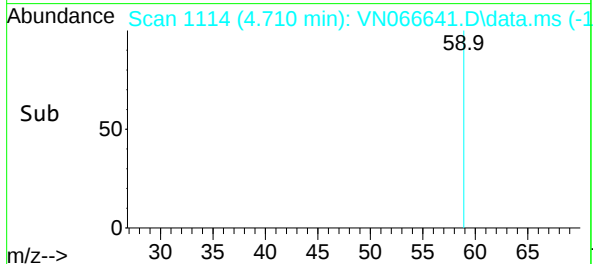
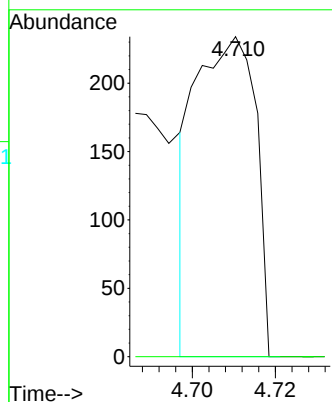
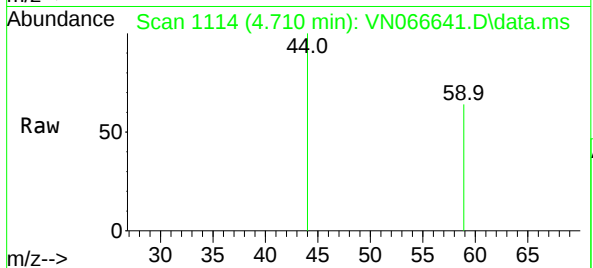


#11

Tert butyl alcohol
Concen: 0.42 ug/l
RT: 4.710 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Instrument :
MSVOA_N
ClientSampled :
TP-8

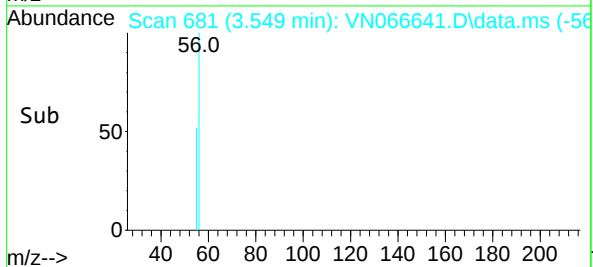
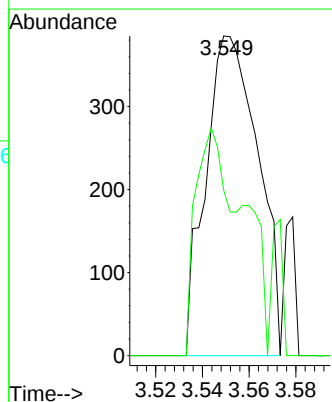
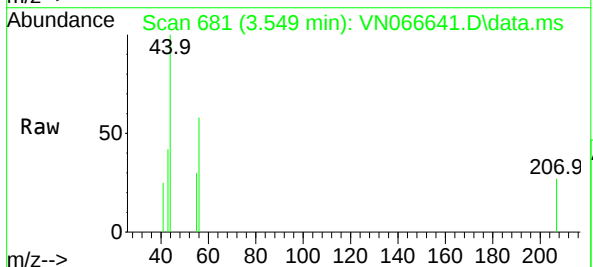
Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

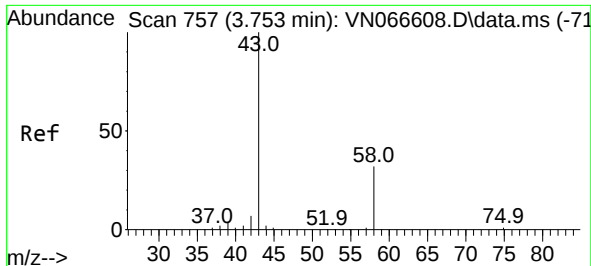


#13

Acrolein
Concen: 1.98 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.005 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 56 Resp: 600
Ion Ratio Lower Upper
56 100
55 46.0 56.0 84.0#

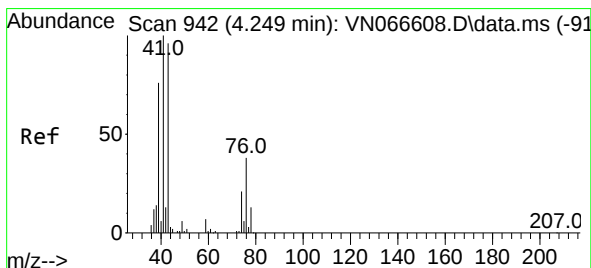
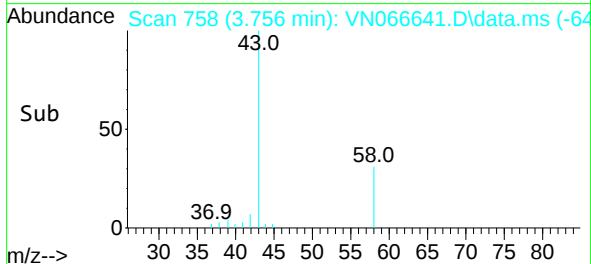
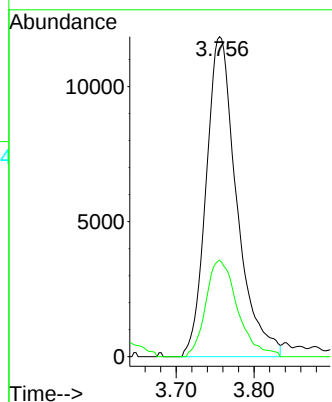
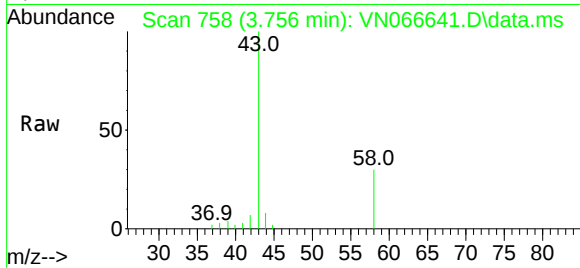




#16
Acetone
Concen: 17.61 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

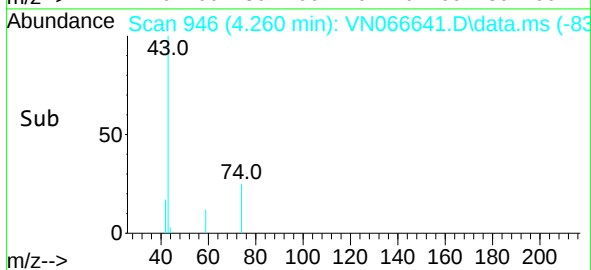
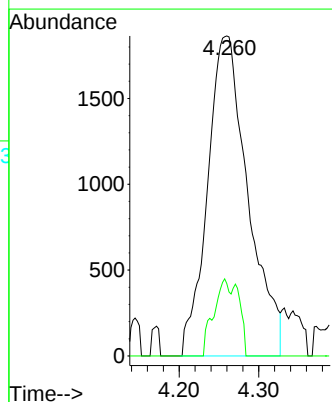
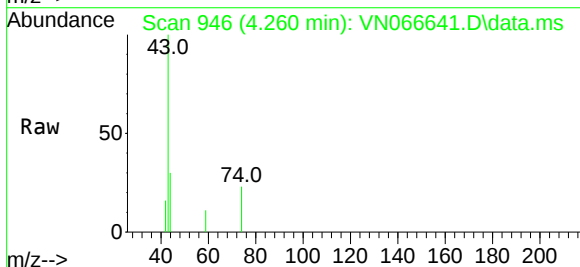
Instrument :
MSVOA_N
ClientSampled :
TP-8

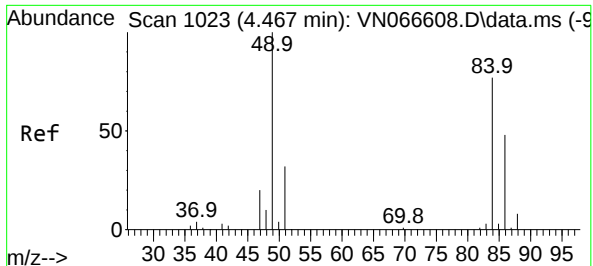
Tgt Ion: 43 Resp: 32316
Ion Ratio Lower Upper
43 100
58 30.1 27.0 40.6



#18
Methyl Acetate
Concen: 1.73 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.011 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 43 Resp: 6604
Ion Ratio Lower Upper
43 100
74 9.9 19.5 29.3#





#20

Methylene Chloride

Concen: 2.97 ug/l

RT: 4.472 min Scan# 1025

Delta R.T. 0.005 min

Lab File: VN066641.D

Acq: 16 Apr 2021 21:16

Tgt Ion: 84 Resp: 9938

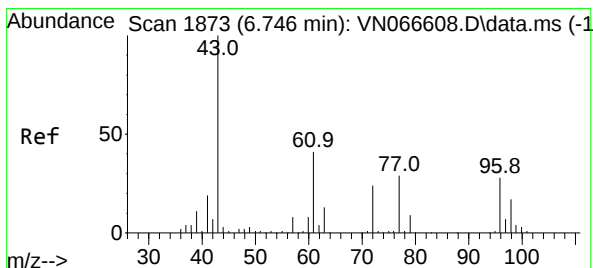
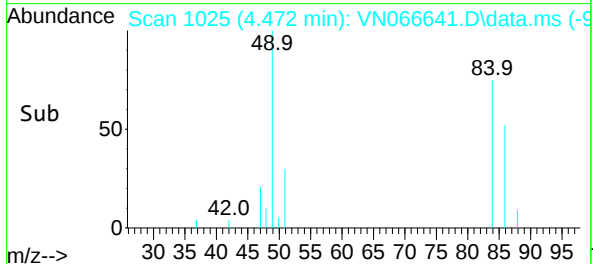
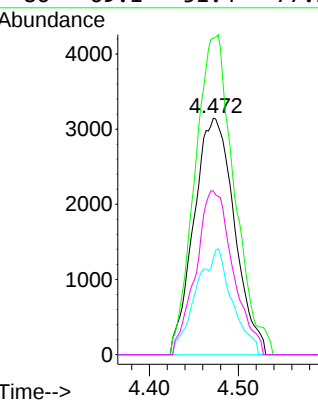
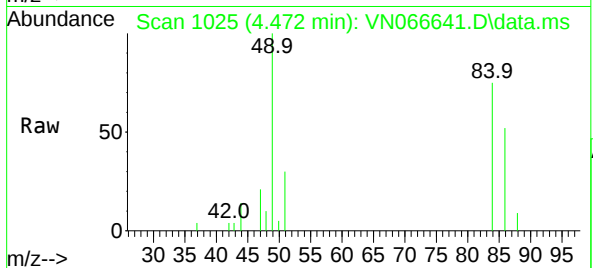
Ion Ratio Lower Upper

84 100

49 133.8 94.6 141.8

51 40.7 29.9 44.9

86 69.1 51.4 77.2



#25

2-Butanone

Concen: 2.36 ug/l

RT: 6.759 min Scan# 1878

Delta R.T. 0.013 min

Lab File: VN066641.D

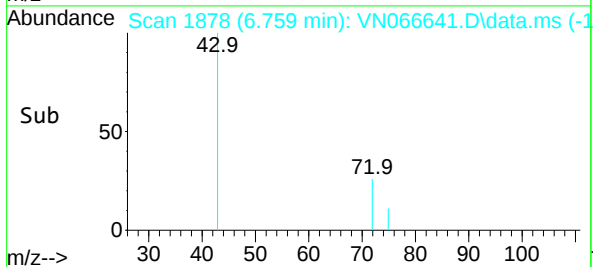
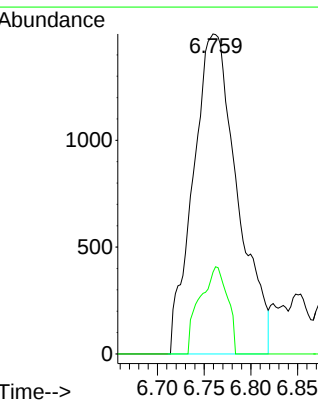
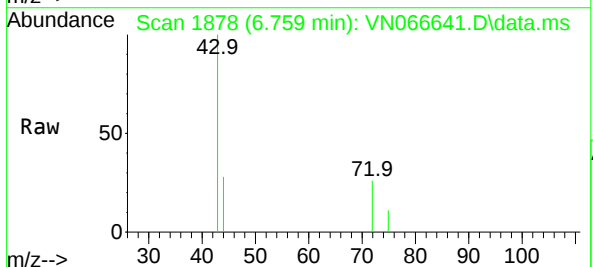
Acq: 16 Apr 2021 21:16

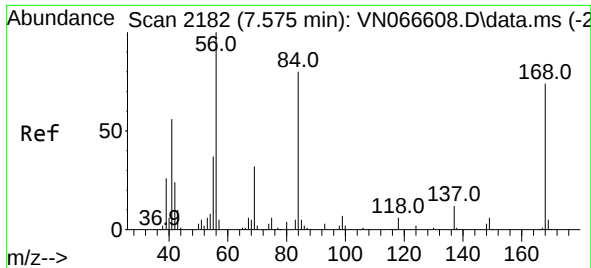
Tgt Ion: 43 Resp: 4932

Ion Ratio Lower Upper

43 100

72 25.6 23.1 34.7

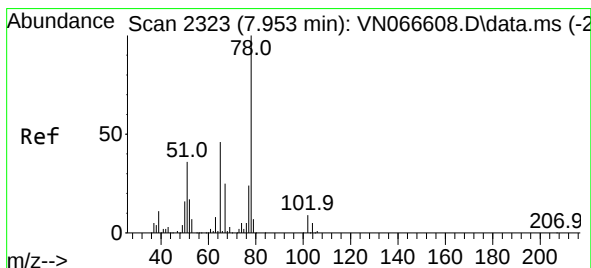
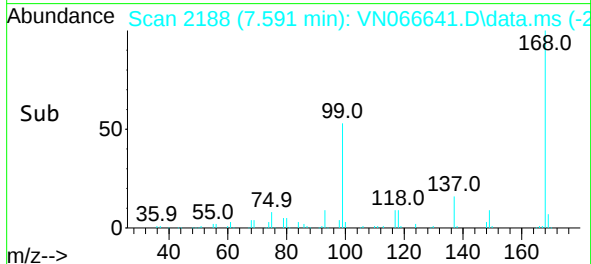
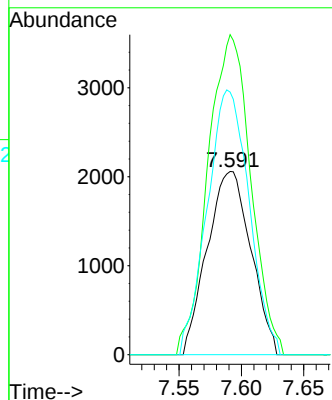
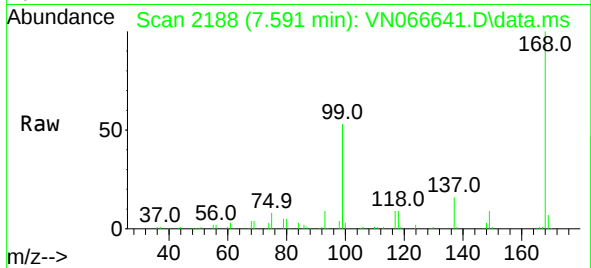




#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

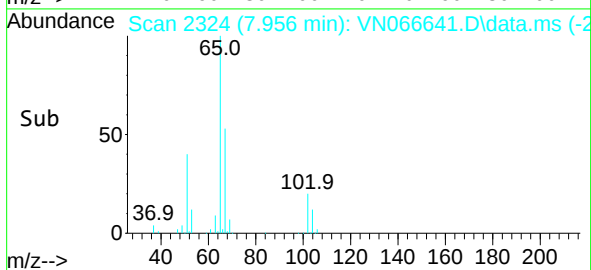
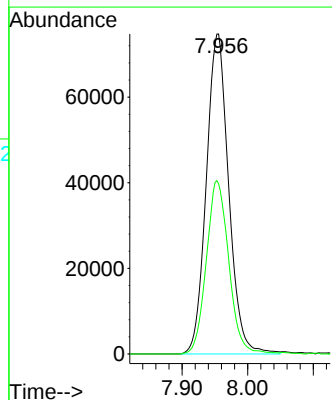
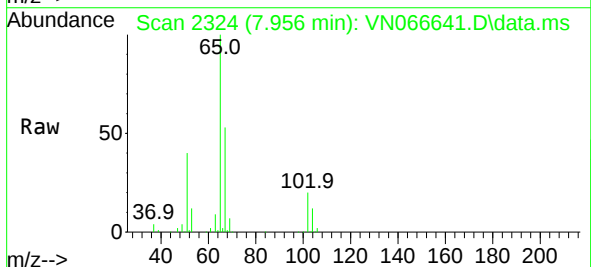
Instrument :
MSVOA_N
ClientSampled :
TP-8

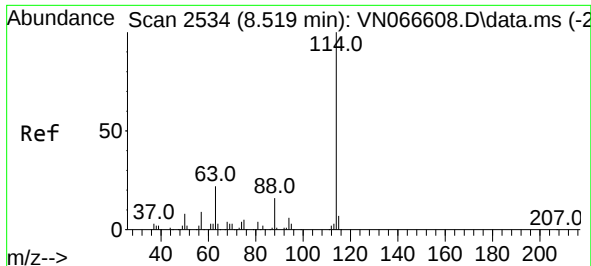
Tgt Ion: 56 Resp: 5014
Ion Ratio Lower Upper
56 100
69 166.5 26.6 39.8#
84 143.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.01 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

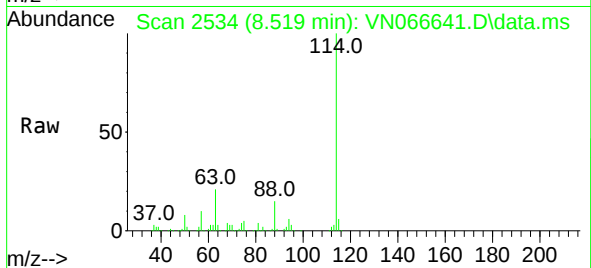
Tgt Ion: 65 Resp: 177229
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



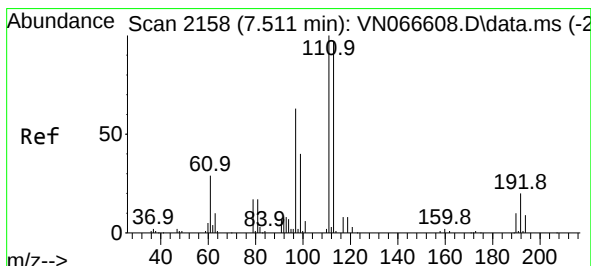
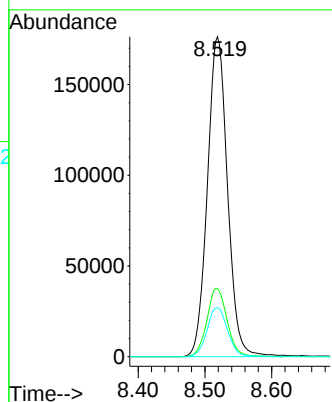
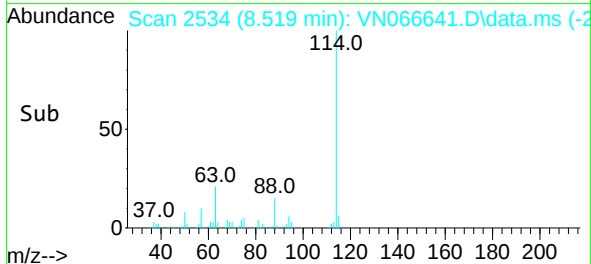


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

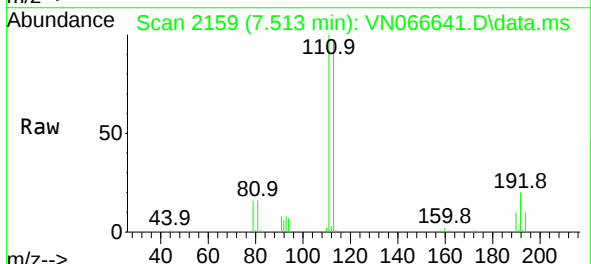
Instrument :
MSVOA_N
ClientSampled :
TP-8



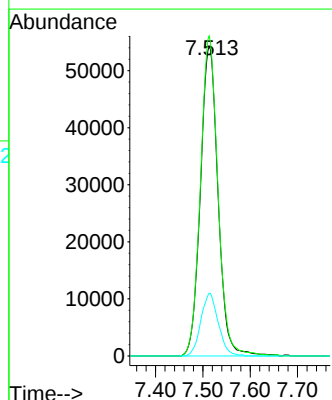
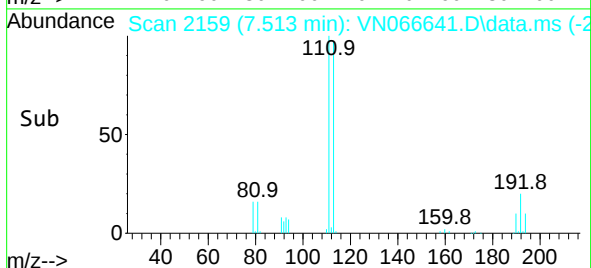
Tgt Ion:114 Resp: 369360
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 15.3 0.0 30.6

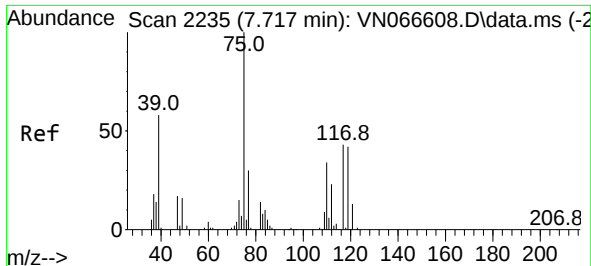


#35
Dibromofluoromethane
Concen: 54.89 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16



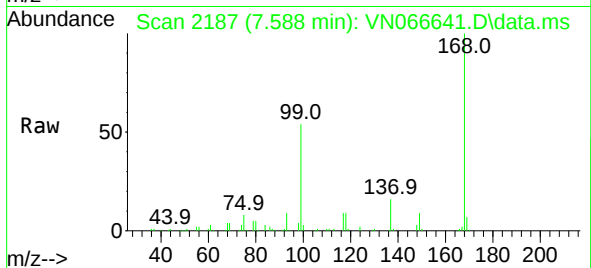
Tgt Ion:113 Resp: 140606
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.0 15.4 23.0



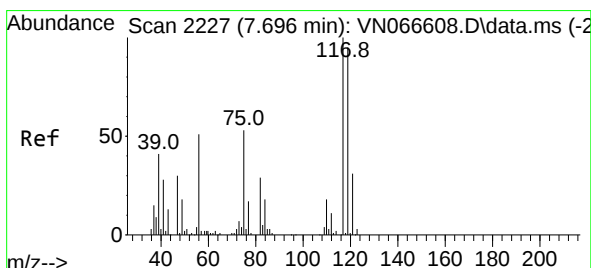
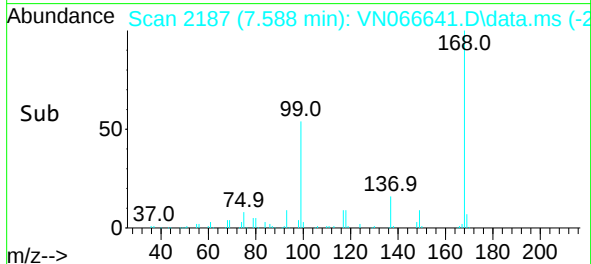
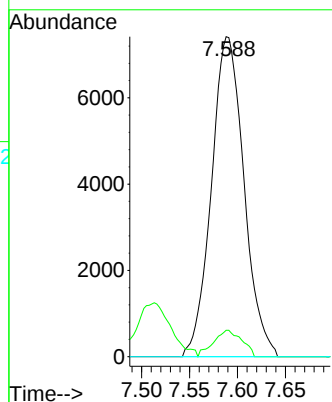


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Instrument :
MSVOA_N
ClientSampleId :
TP-8

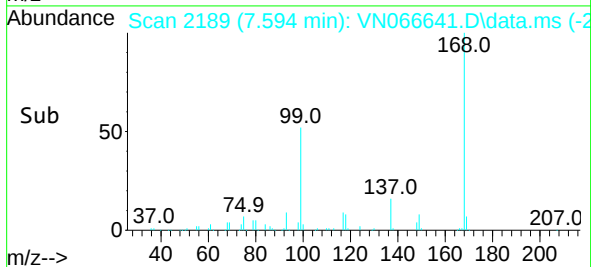
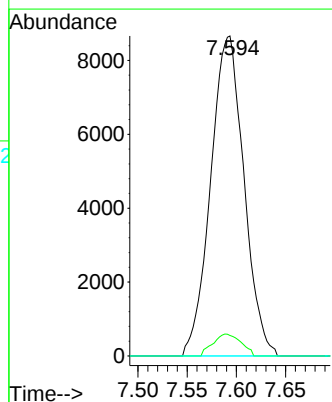
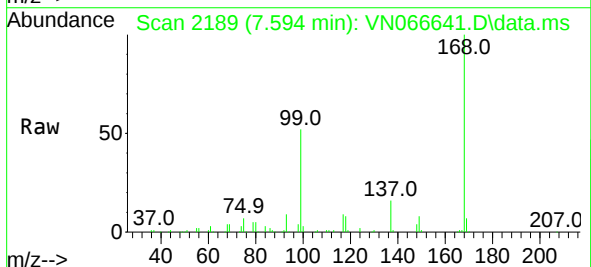


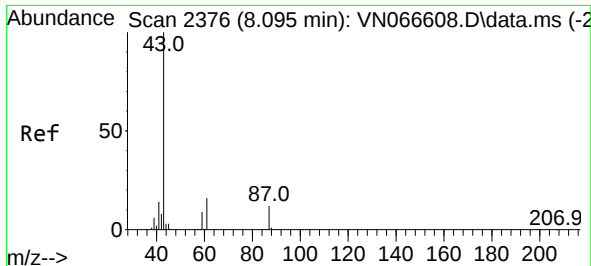
Tgt Ion: 75 Resp: 17508
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.102 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 117 Resp: 20426
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#

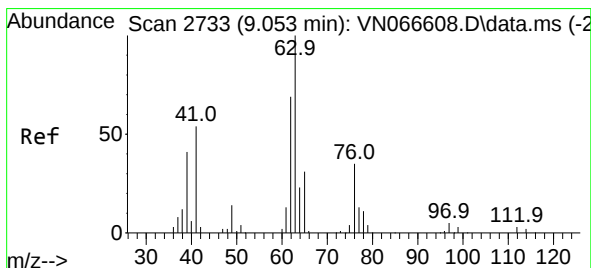
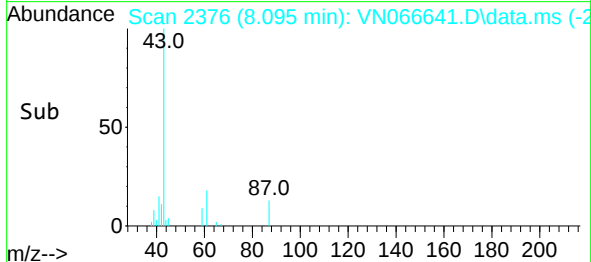
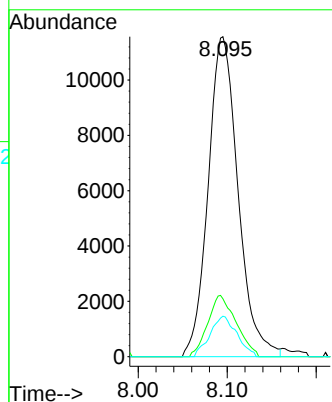
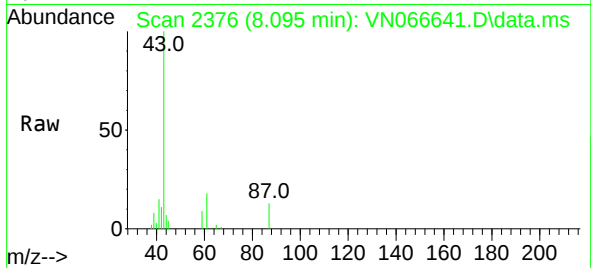




#43
Isopropyl Acetate
Concen: 3.83 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

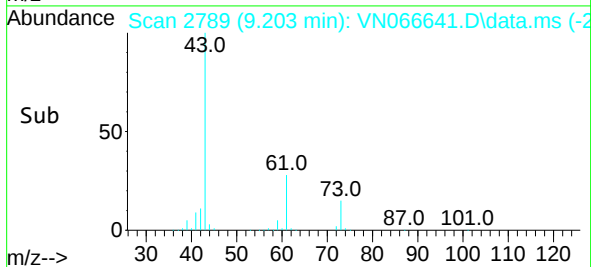
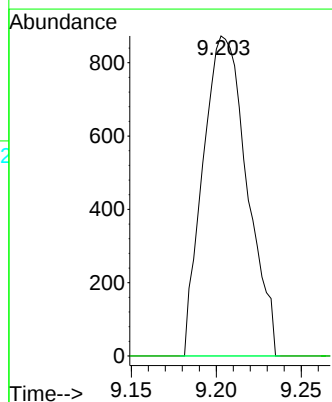
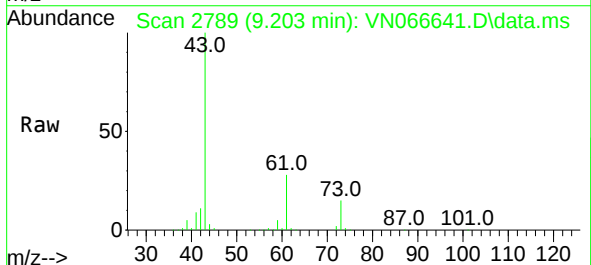
Instrument :
MSVOA_N
ClientSampled :
TP-8

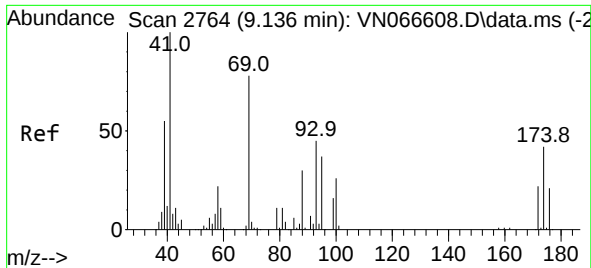
Tgt Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
61 18.1 22.5 33.7#
87 11.3 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.48 ug/l
RT: 9.203 min Scan# 2789
Delta R.T. 0.150 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 63 Resp: 1578
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

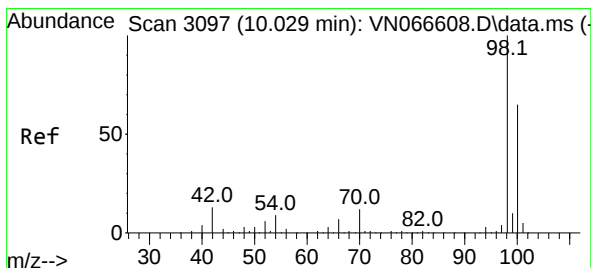
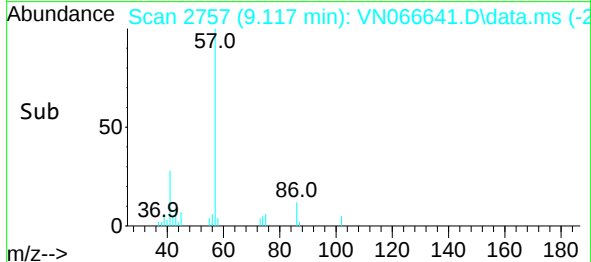
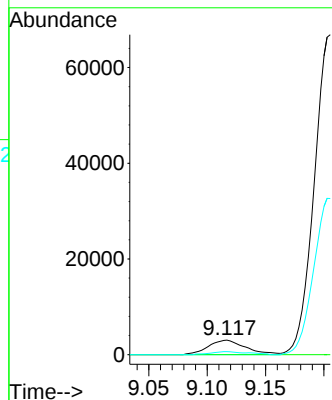
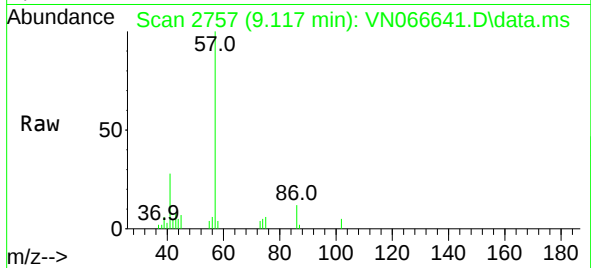




#48
Methyl methacrylate
Concen: 2.13 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

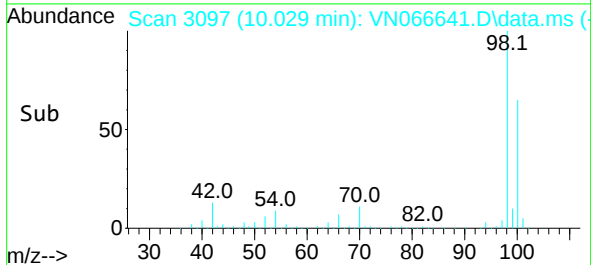
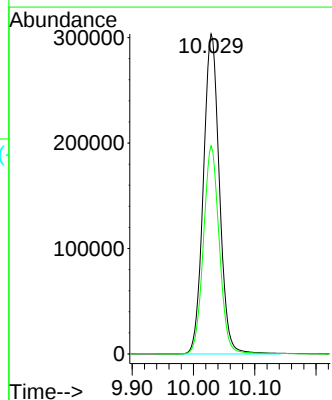
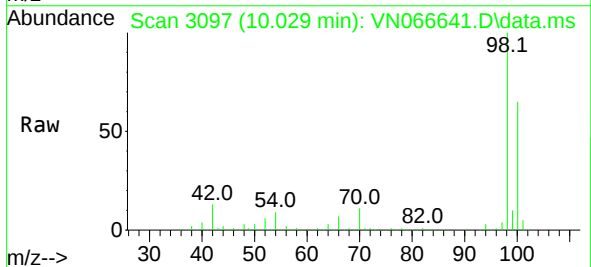
Instrument :
MSVOA_N
ClientSampleId :
TP-8

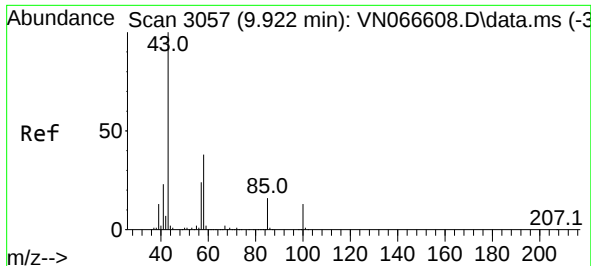
Tgt Ion: 41 Resp: 6767
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 55.00 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 98 Resp: 552192
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

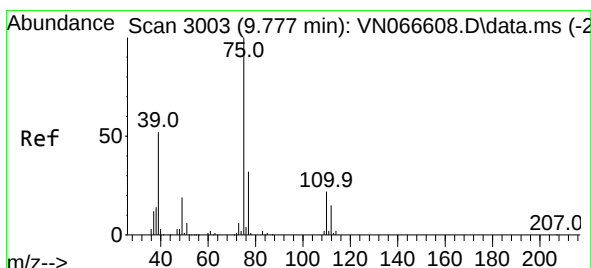
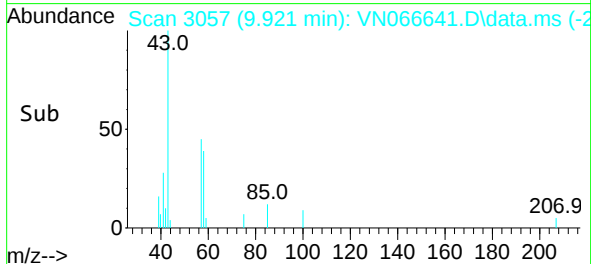
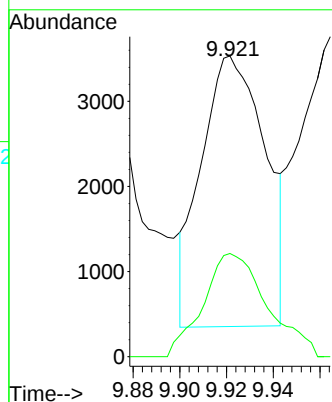
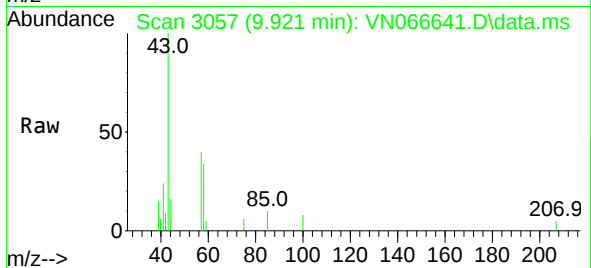




#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 9.921 min Scan# 3057
Delta R.T. -0.001 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

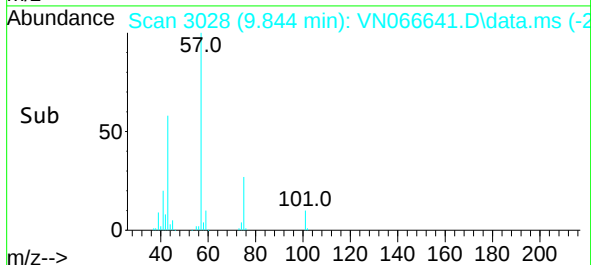
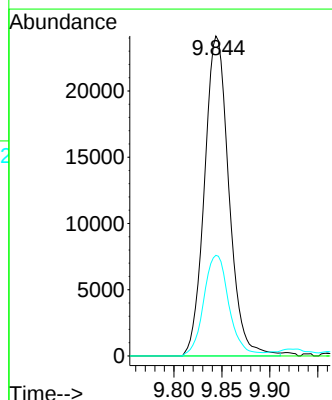
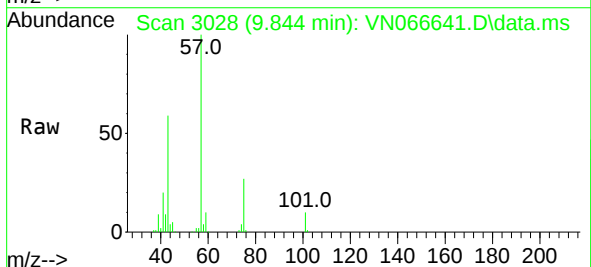
Instrument :
MSVOA_N
ClientSampled :
TP-8

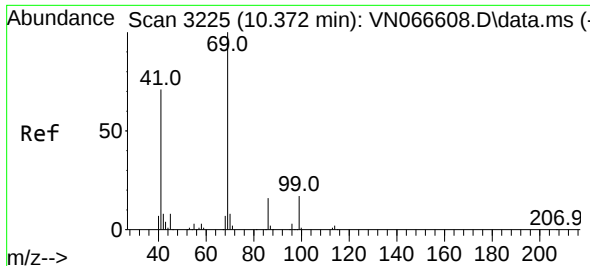
Tgt Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
58 38.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.81 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 75 Resp: 42833
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.4 36.2 54.4#

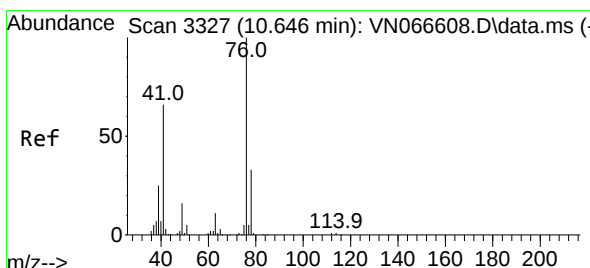
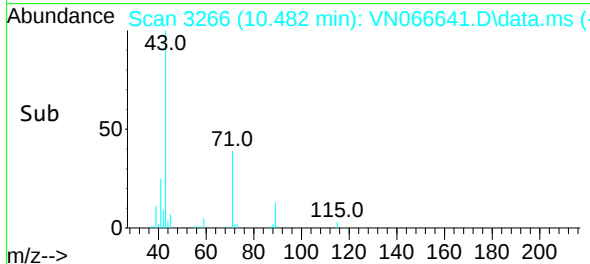
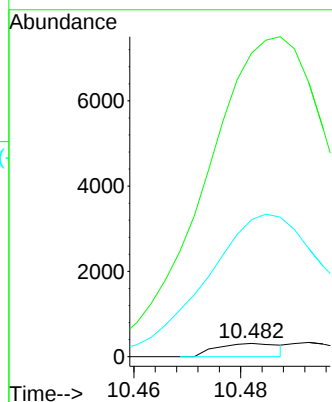
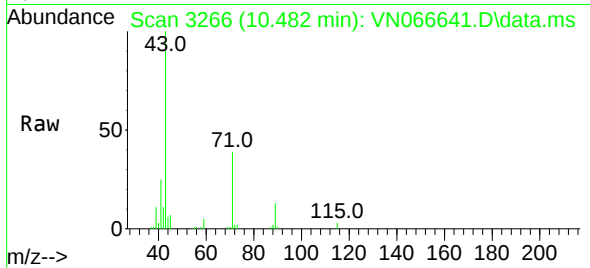




#56
Ethyl methacrylate
Concen: 0.95 ug/l
RT: 10.482 min Scan# 3266
Delta R.T. 0.110 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

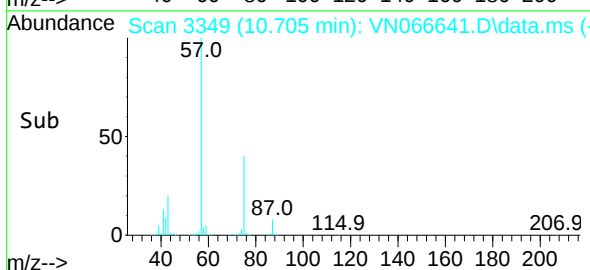
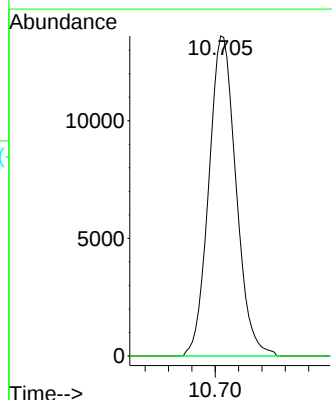
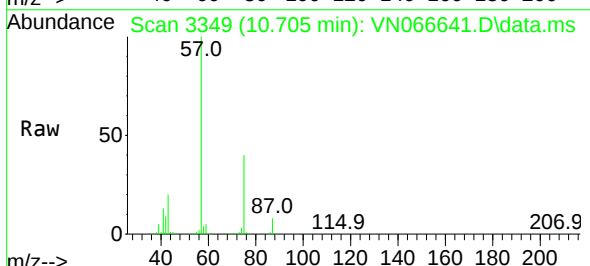
Instrument :
MSVOA_N
ClientSampled :
TP-8

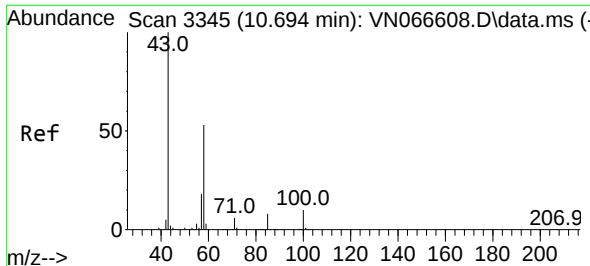
Tgt Ion: 69 Resp: 253
Ion Ratio Lower Upper
69 100
41 5451.0 49.6 74.4#
39 2358.1 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.53 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

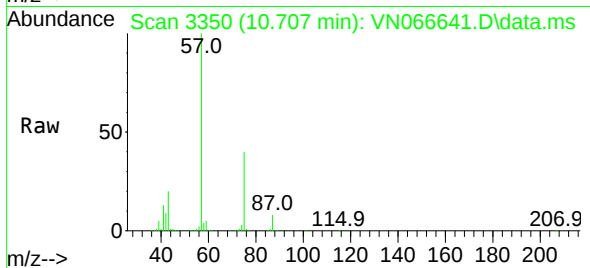
Tgt Ion: 76 Resp: 22022
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



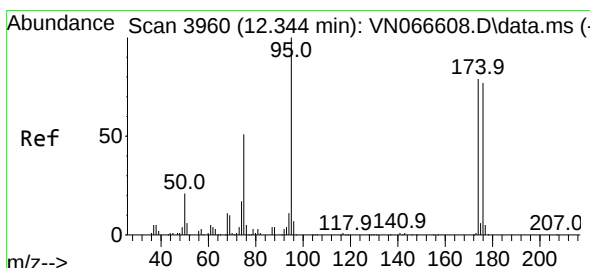
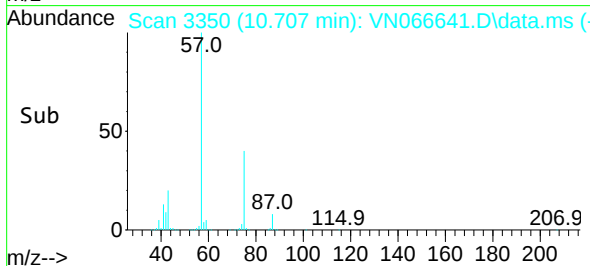
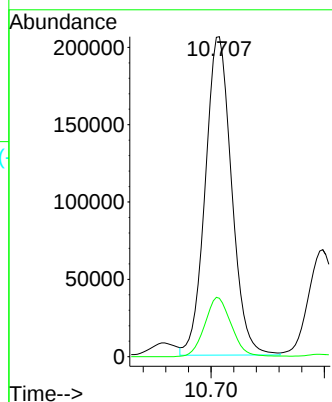


#59
2-Hexanone
Concen: 115.14 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Instrument :
MSVOA_N
ClientSampled :
TP-8

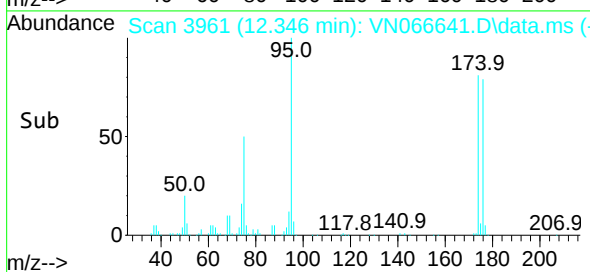
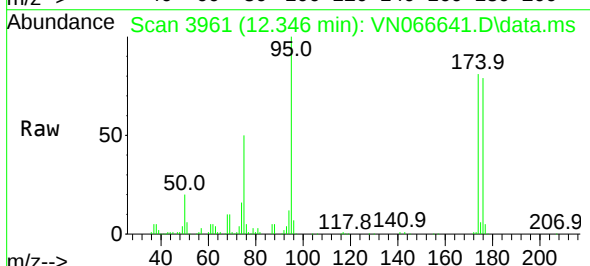
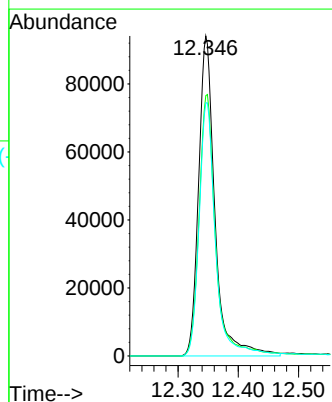


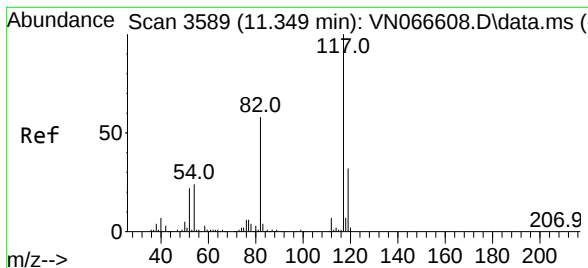
Tgt Ion: 43 Resp: 332475
Ion Ratio Lower Upper
43 100
58 18.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 50.11 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 95 Resp: 176898
Ion Ratio Lower Upper
95 100
174 83.3 0.0 169.0
176 80.0 0.0 162.4

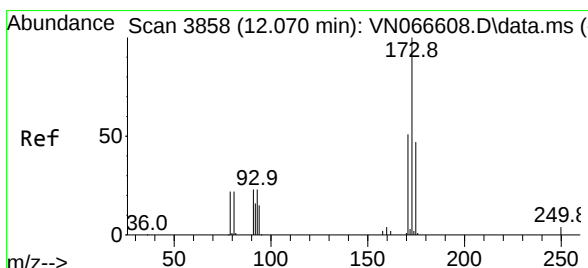
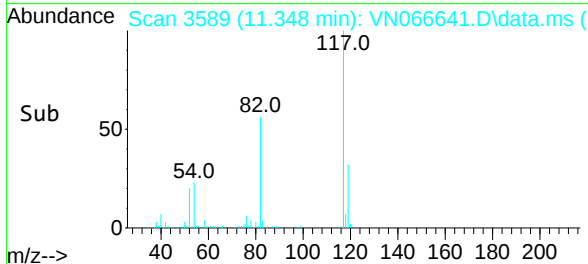
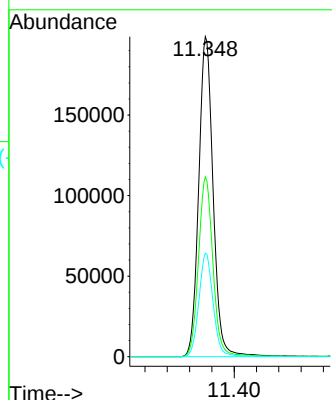
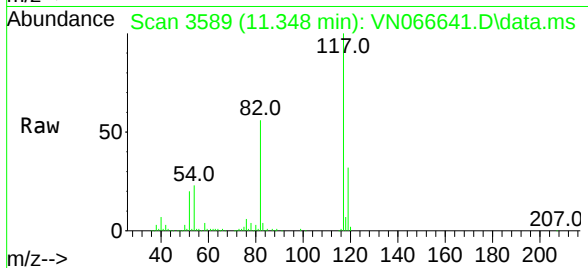




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

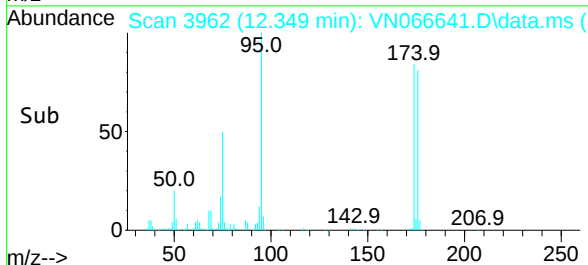
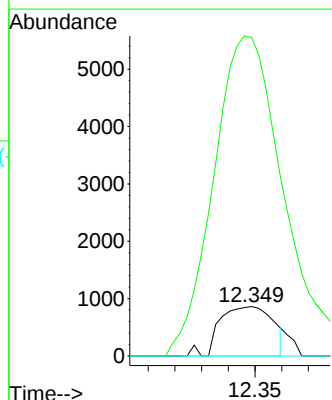
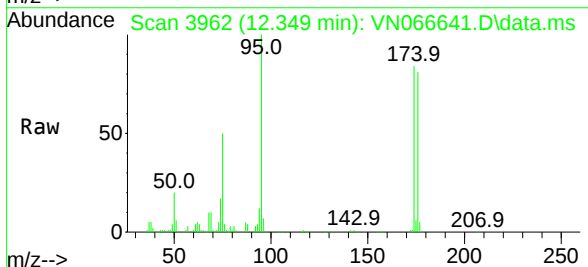
Instrument :
MSVOA_N
ClientSampleId :
TP-8

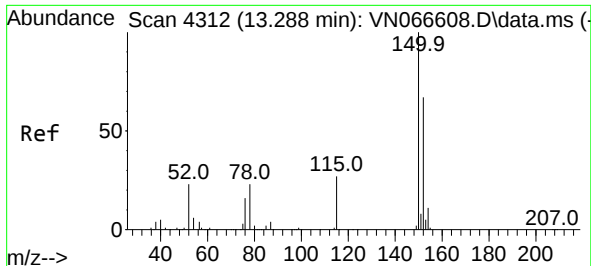
Tgt Ion:117 Resp: 355972
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.4 26.1 39.1



#71
Bromoform
Concen: 0.56 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.279 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion:173 Resp: 1196
Ion Ratio Lower Upper
173 100
175 712.2 23.8 71.2#
254 0.0 0.0 0.0

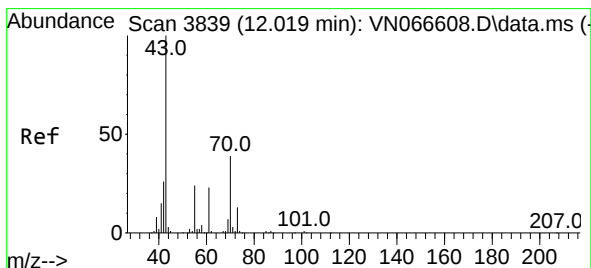
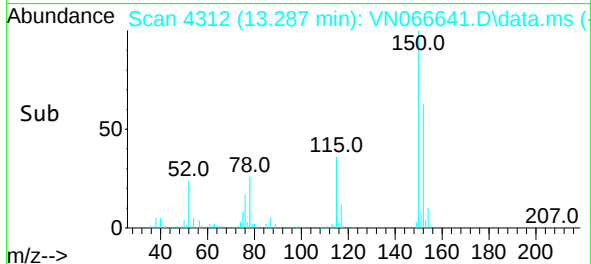
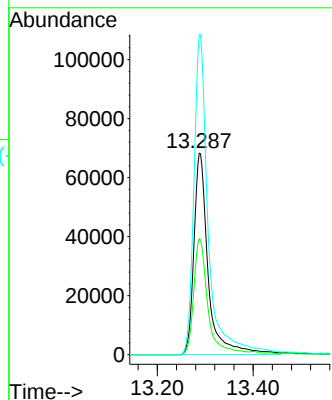
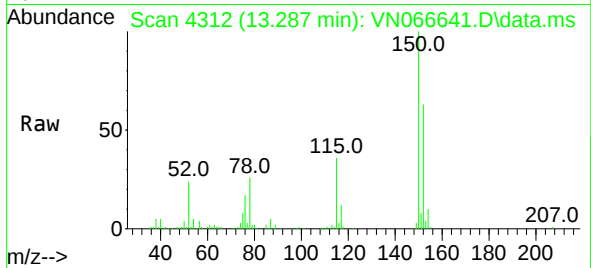




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

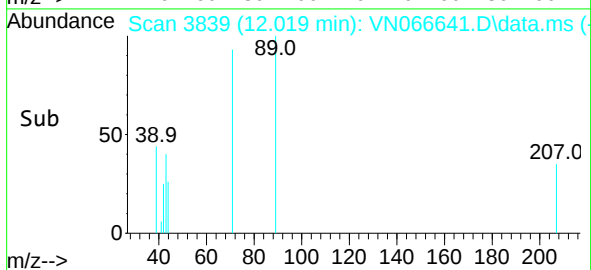
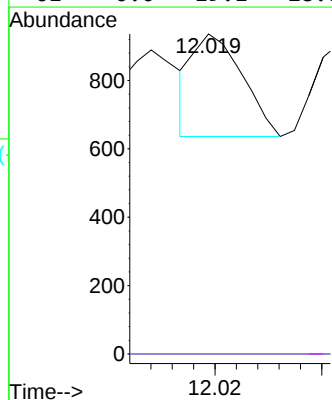
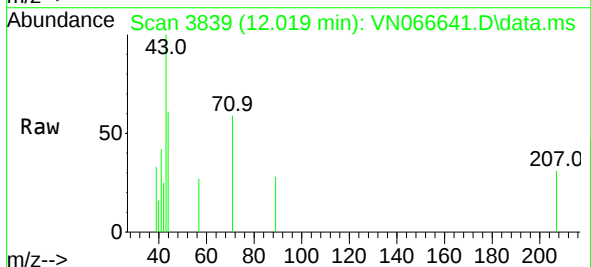
Instrument :
MSVOA_N
ClientSampled :
TP-8

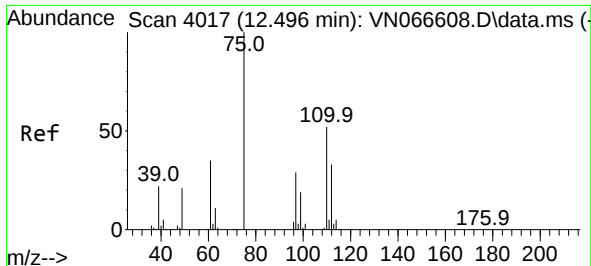
Tgt Ion:152 Resp: 142975
Ion Ratio Lower Upper
152 100
115 56.5 28.5 85.6
150 155.2 0.0 347.6



#74
N-ethyl acetate
Concen: 9.77 ug/l
RT: 12.019 min Scan# 3839
Delta R.T. -0.000 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 43 Resp: 195
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#

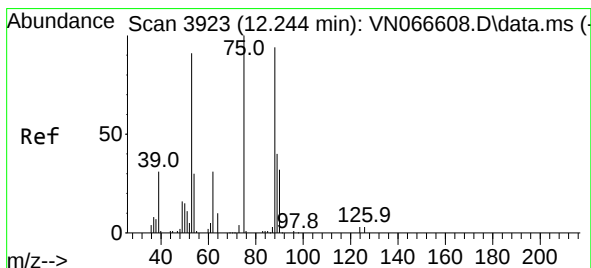
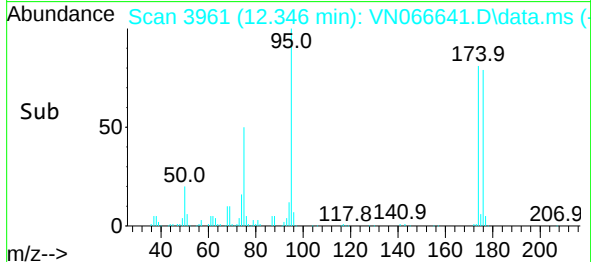
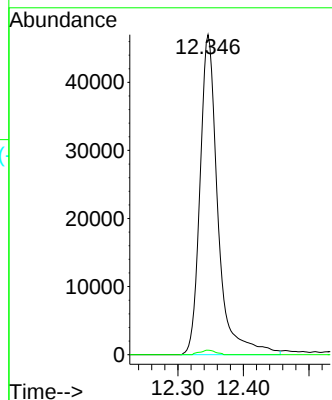
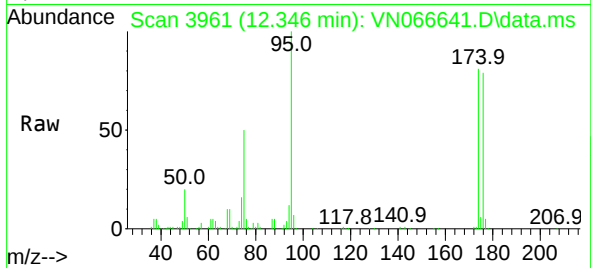




#76
1,2,3-Trichloropropane
Concen: 26.66 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Instrument :
MSVOA_N
ClientSampled :
TP-8

Tgt Ion: 75 Resp: 89152
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.20 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066641.D
Acq: 16 Apr 2021 21:16

Tgt Ion: 75 Resp: 89152
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.2 35.8 53.8#

