

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066640.D
 Acq On : 16 Apr 2021 20:52
 Operator : JC/MD
 Sample : M2055-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Apr 17 05:20:36 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)

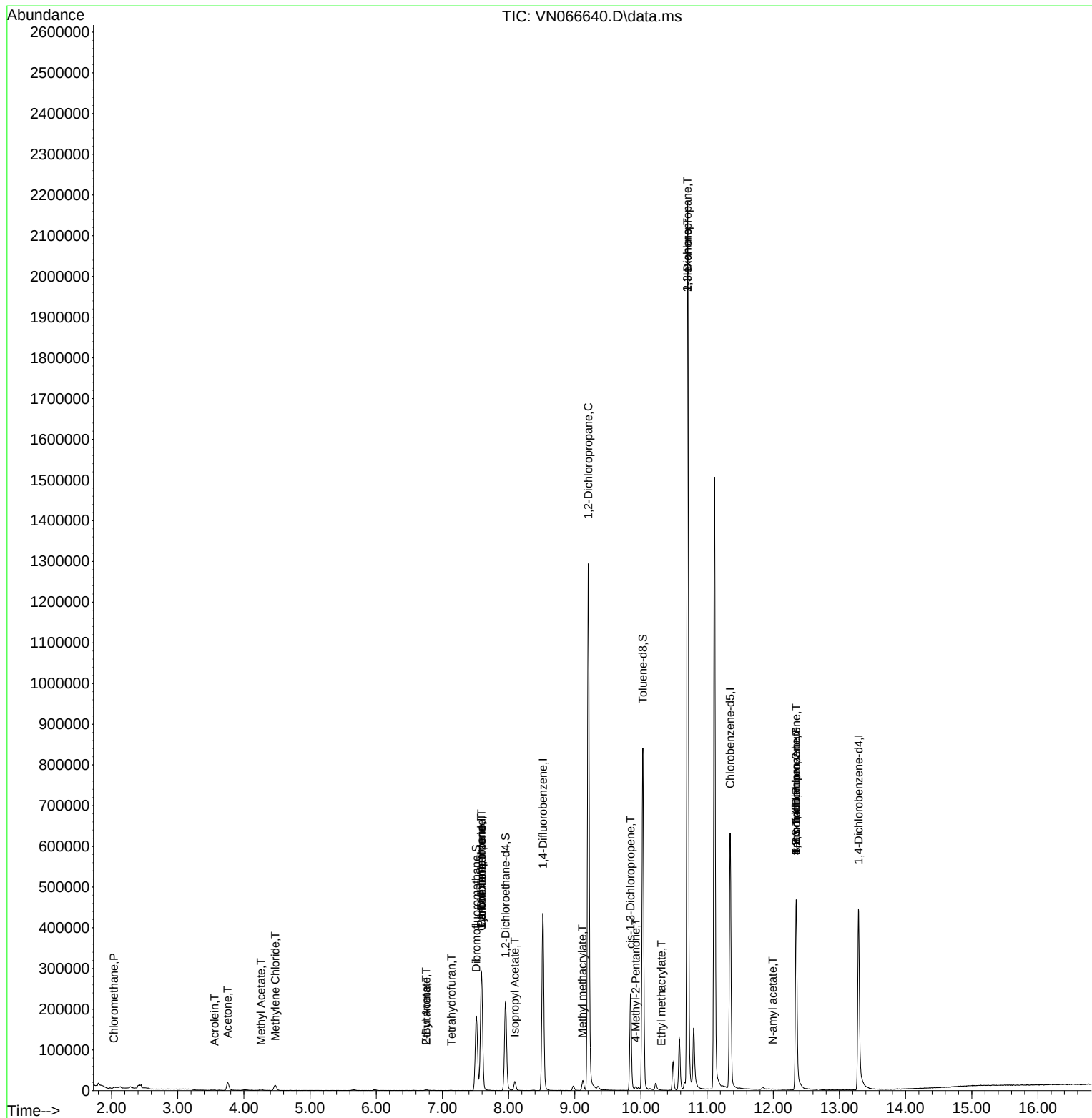
Internal Standards						
1) Pentafluorobenzene	7.591	168	246637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	390129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	371375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	146132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	186171	50.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.08%			
35) Dibromofluoromethane	7.513	113	144728	53.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.98%			
50) Toluene-d8	10.029	98	578604	54.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.14%			
62) 4-Bromofluorobenzene	12.346	95	182333	48.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.80%			
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1210	0.28	ug/l	95
13) Acrolein	3.555	56	728	2.29	ug/l	94
16) Acetone	3.753	43	33596	17.35	ug/l	94
18) Methyl Acetate	4.257	43	6684	1.67	ug/l #	80
20) Methylene Chloride	4.475	84	9516	2.71	ug/l	92
25) 2-Butanone	6.754	43	5224	2.38	ug/l #	89
29) Tetrahydrofuran	7.138	42	468	0.32	ug/l #	32
31) Cyclohexane	7.594	56	4870	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	18125	4.61	ug/l #	48
37) Ethyl Acetate	6.754	43	5224	1.17	ug/l #	68
38) Carbon Tetrachloride	7.591	117	22131	6.01	ug/l #	18
43) Isopropyl Acetate	8.093	43	27205	3.65	ug/l #	85
45) 1,2-Dichloropropane	9.206	63	1601	0.46	ug/l #	44
48) Methyl methacrylate	9.114	41	6822	2.04	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	6488	1.48	ug/l	88
54) cis-1,3-Dichloropropene	9.844	75	43627	8.49	ug/l #	64
56) Ethyl methacrylate	10.311	69	53	0.91	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	21809	4.24	ug/l #	43
59) 2-Hexanone	10.705	43	324236	106.68	ug/l #	49
71) Bromoform	12.346	173	1389	0.63	ug/l #	1
74) N-amyl acetate	11.995	43	81	9.74	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	87411	25.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	87411	78.94	ug/l #	12

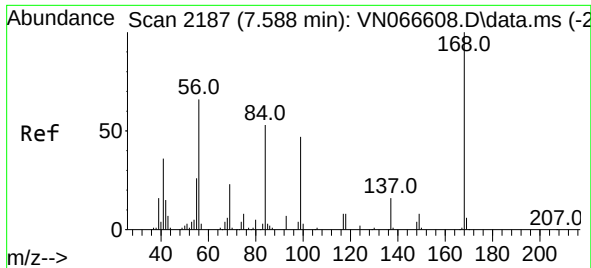
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
Data File : VN066640.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Apr 17 05:20:36 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

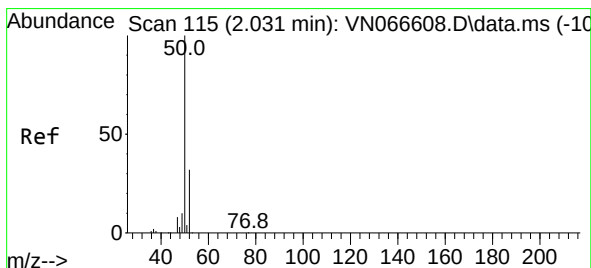
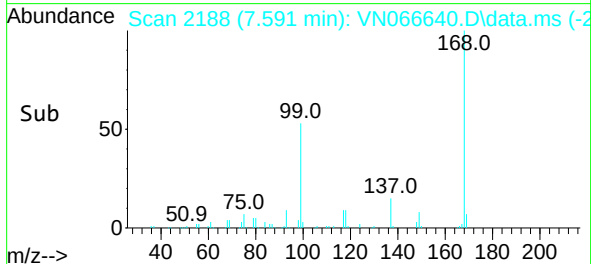
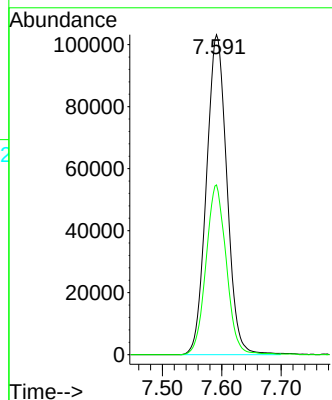
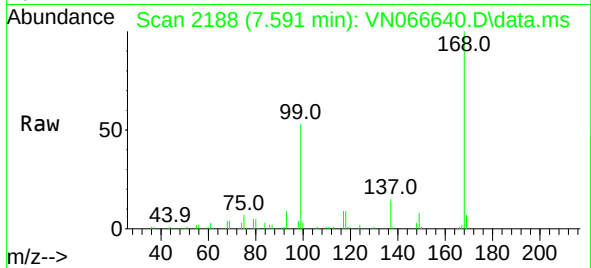




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

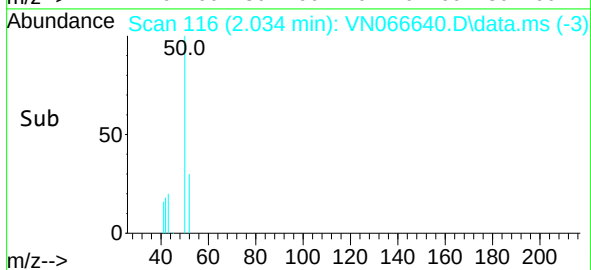
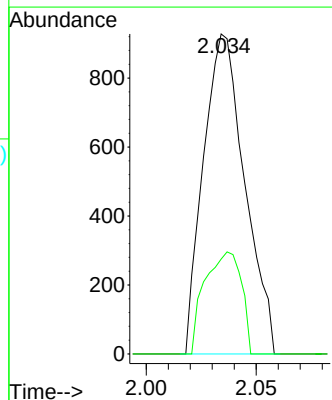
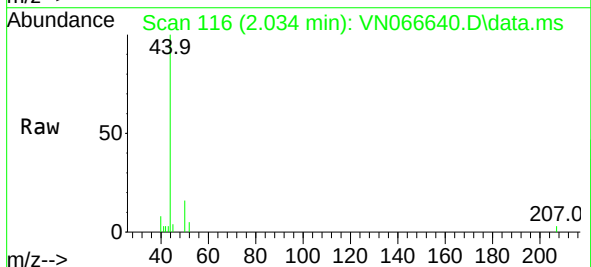
Instrument :
MSVOA_N
ClientSampled :
TP-7

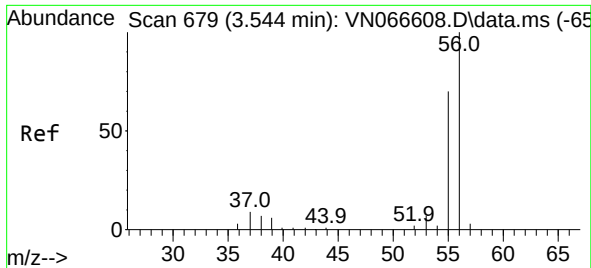
Tgt Ion:168 Resp: 246637
Ion Ratio Lower Upper
168 100
99 53.1 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 50 Resp: 1210
Ion Ratio Lower Upper
50 100
52 29.6 25.8 38.8

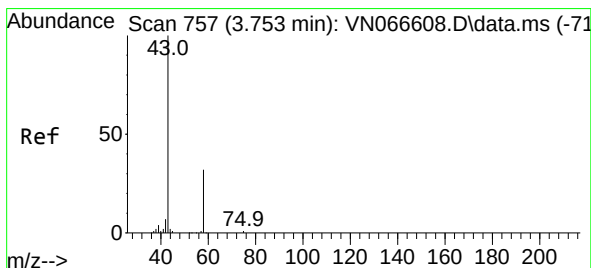
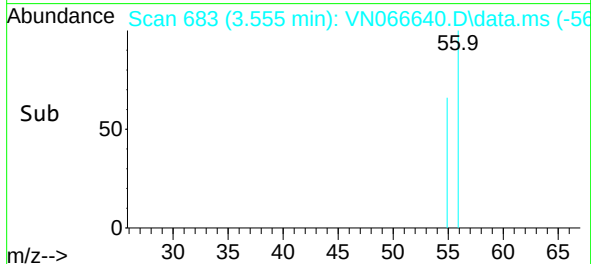
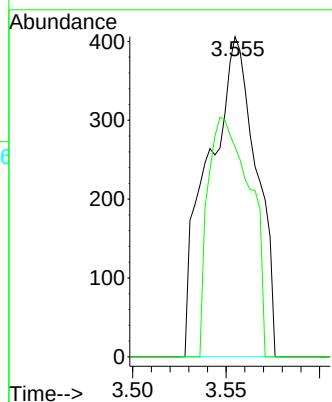
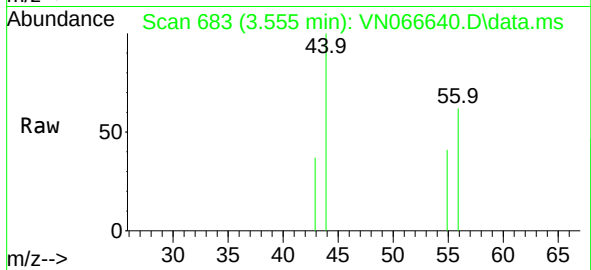




#13
Acrolein
Concen: 2.29 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.011 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

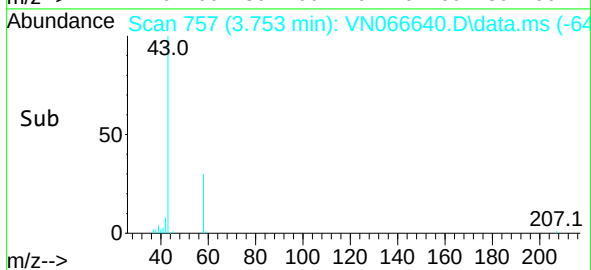
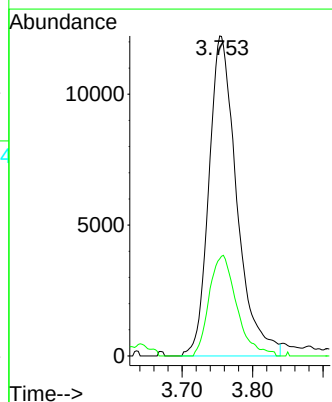
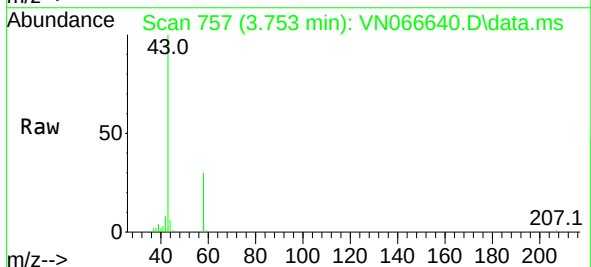
Instrument :
MSVOA_N
ClientSampled :
TP-7

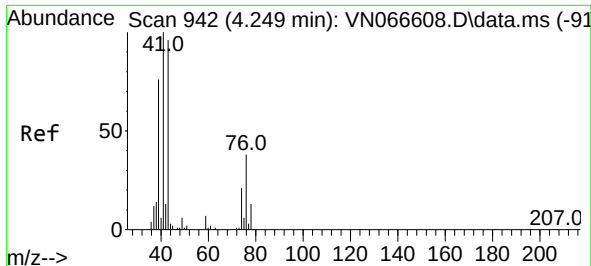
Tgt Ion: 56 Resp: 728
Ion Ratio Lower Upper
56 100
55 65.0 56.0 84.0



#16
Acetone
Concen: 17.35 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

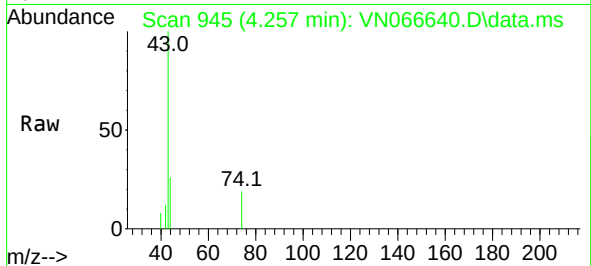
Tgt Ion: 43 Resp: 33596
Ion Ratio Lower Upper
43 100
58 30.4 27.0 40.6



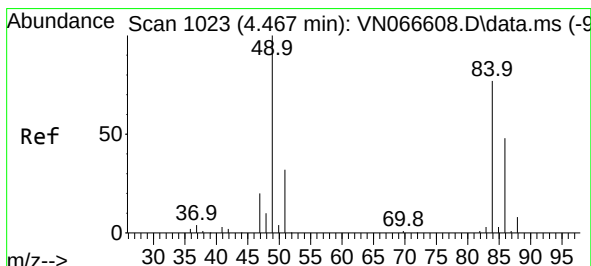
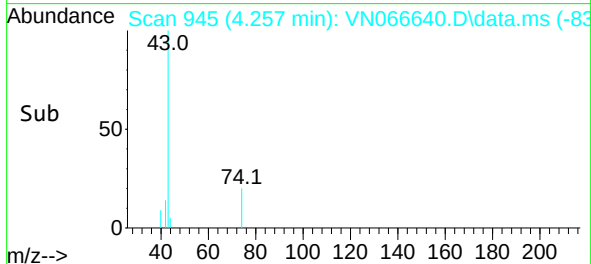
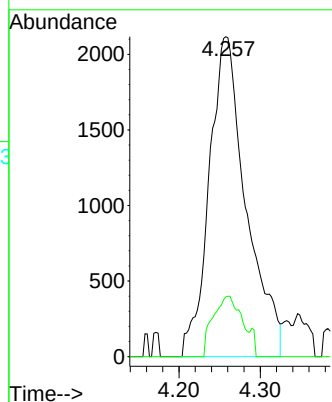


#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Instrument :
MSVOA_N
ClientSampled :
TP-7

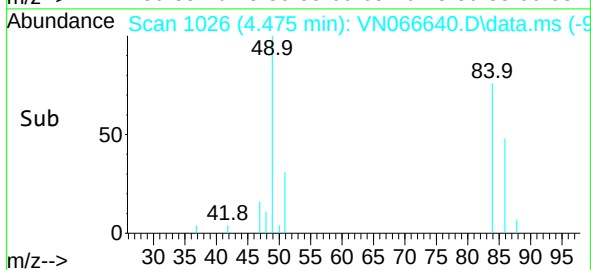
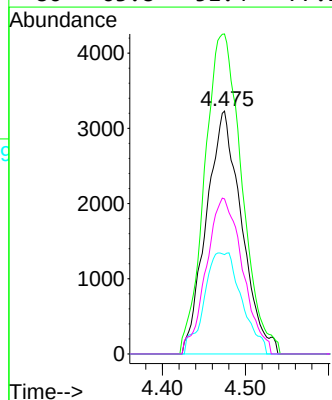
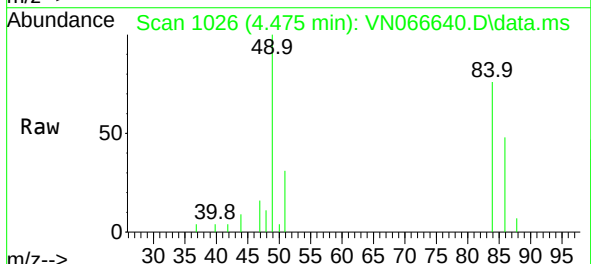


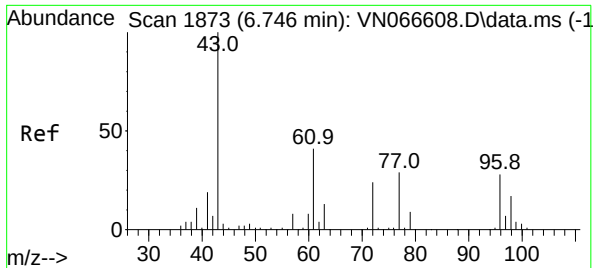
Tgt Ion: 43 Resp: 6684
Ion Ratio Lower Upper
43 100
74 14.5 19.5 29.3#



#20
Methylene Chloride
Concen: 2.71 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 84 Resp: 9516
Ion Ratio Lower Upper
84 100
49 131.7 94.6 141.8
51 40.9 29.9 44.9
86 63.8 51.4 77.2

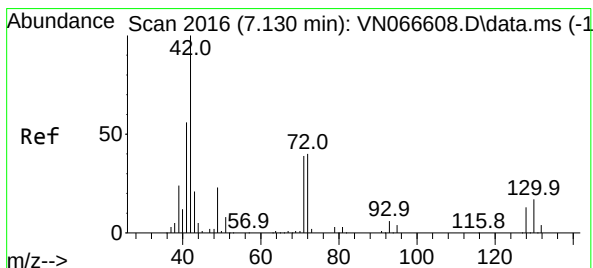
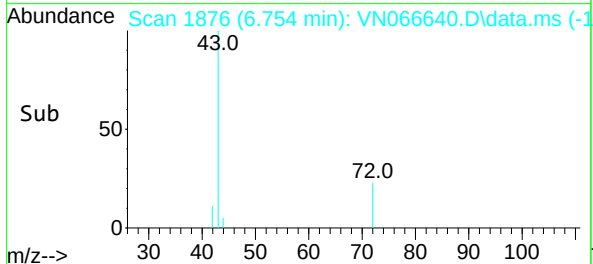
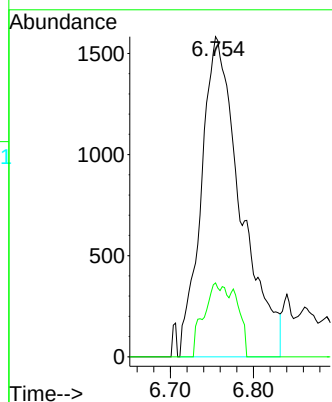
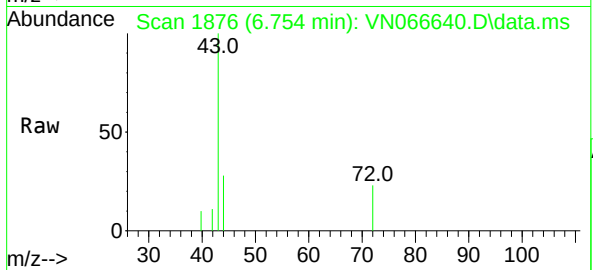




#25
2-Butanone
Concen: 2.38 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

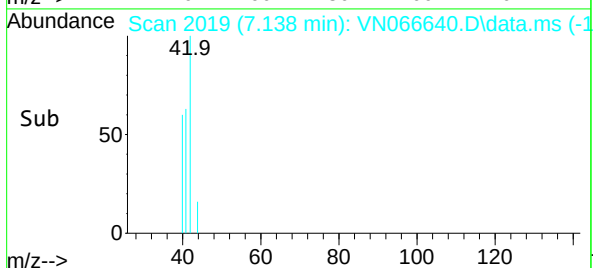
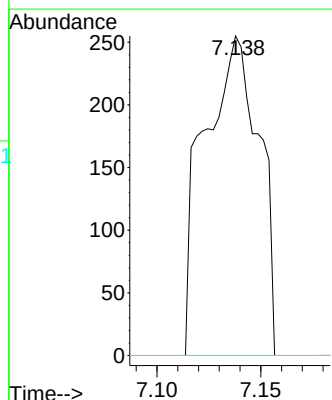
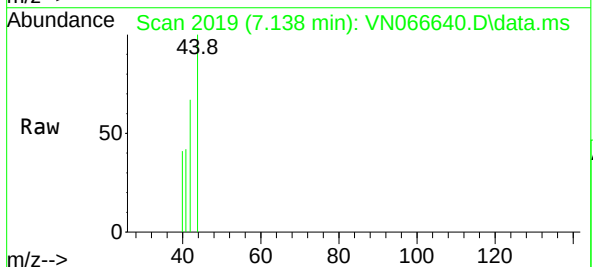
Instrument :
MSVOA_N
ClientSampled :
TP-7

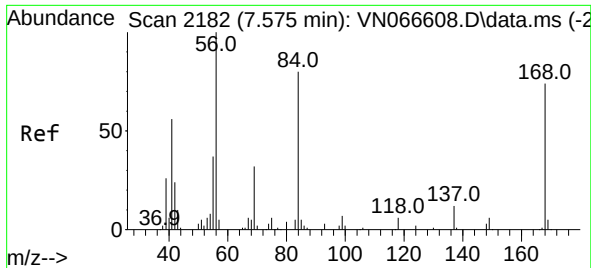
Tgt Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
72 23.1 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 7.138 min Scan# 2019
Delta R.T. 0.008 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 42 Resp: 468
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#

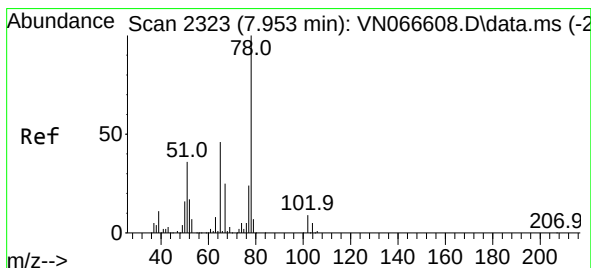
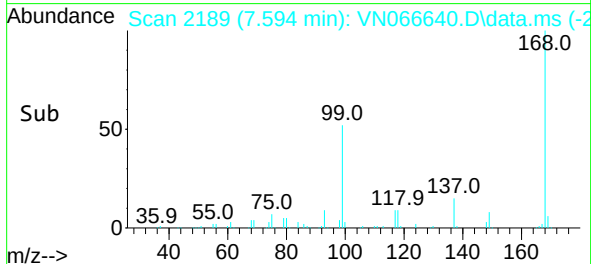
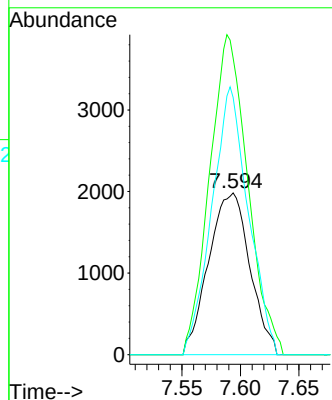
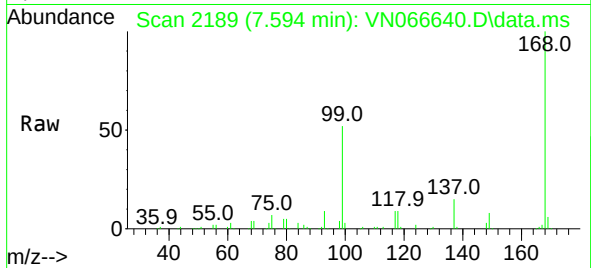




#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

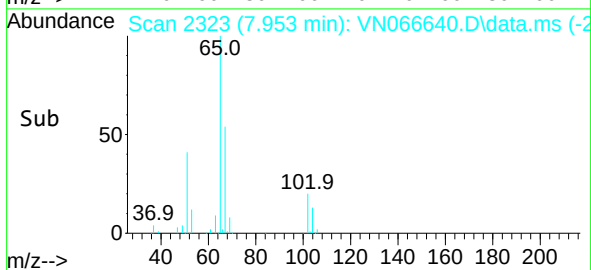
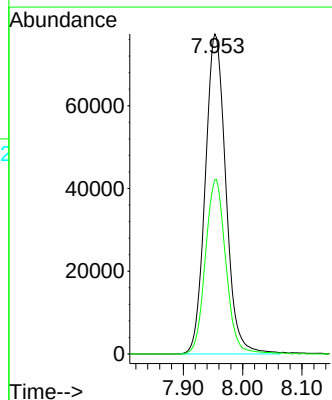
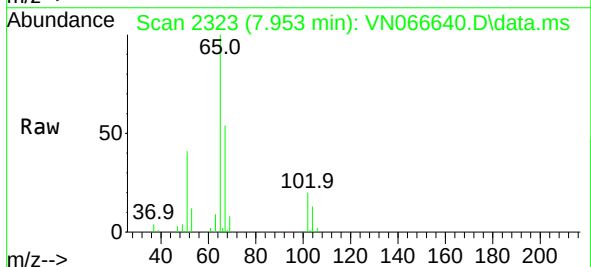
Instrument :
MSVOA_N
ClientSampleId :
TP-7

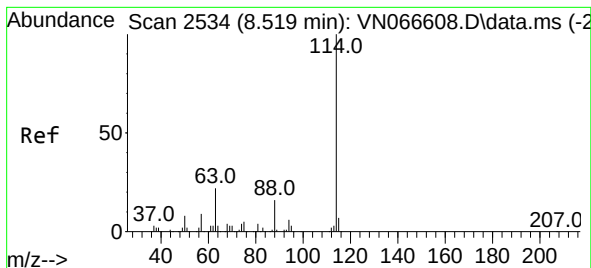
Tgt Ion: 56 Resp: 4870
Ion Ratio Lower Upper
56 100
69 183.3 26.6 39.8#
84 159.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.04 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

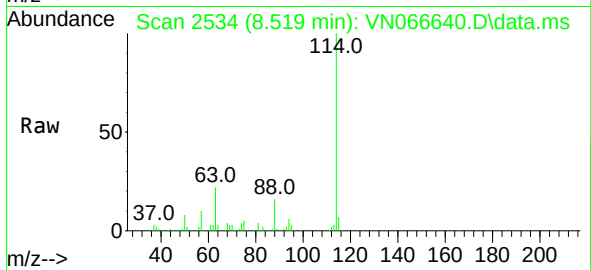
Tgt Ion: 65 Resp: 186171
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



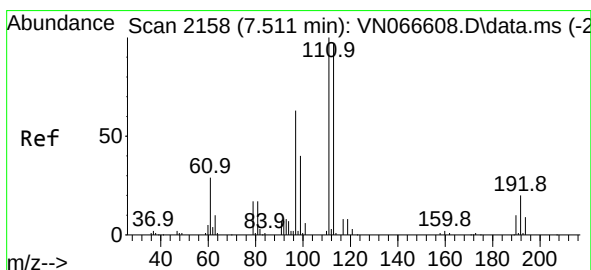
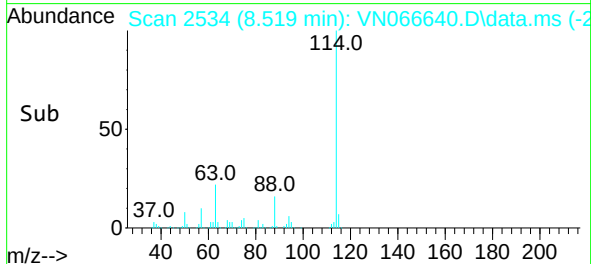
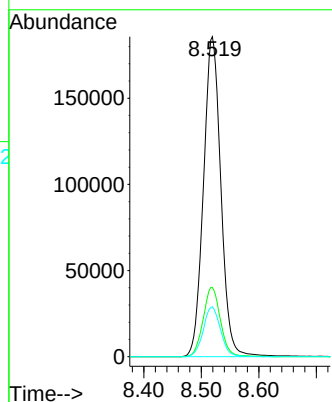


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Instrument :
MSVOA_N
ClientSampled :
TP-7

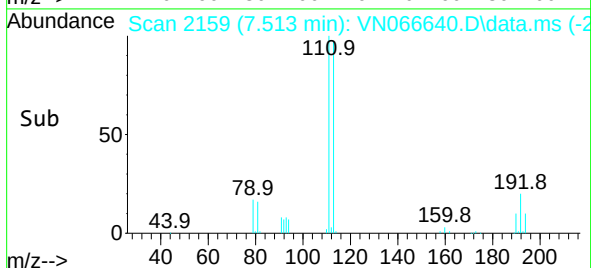
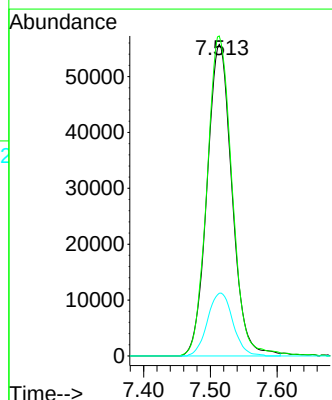
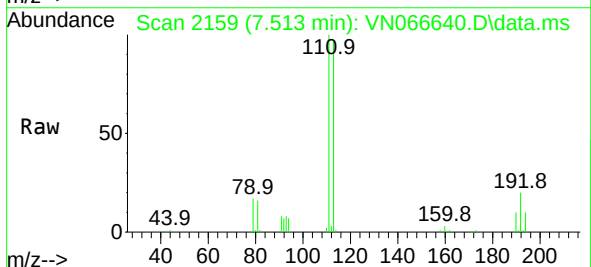


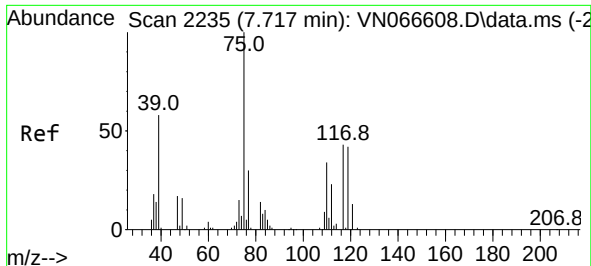
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	38.6
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.49 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

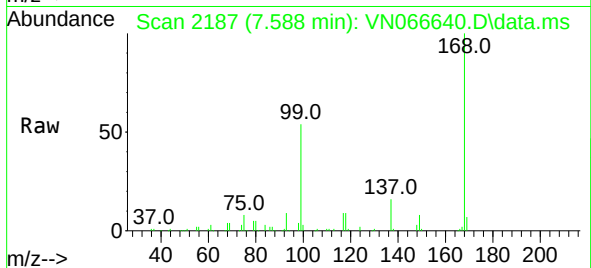
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	20.6	15.4	23.0



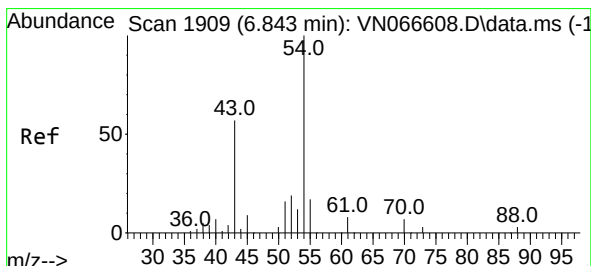
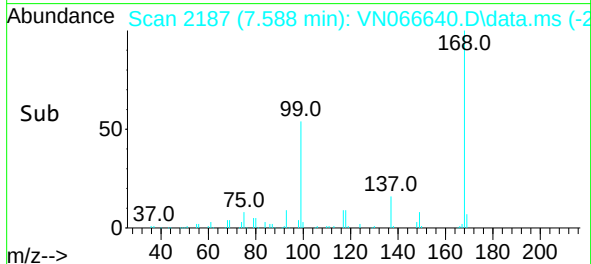
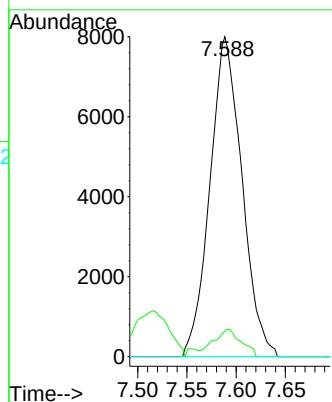


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Instrument :
MSVOA_N
ClientSampled :
TP-7

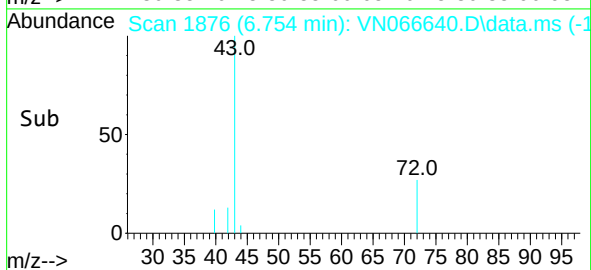
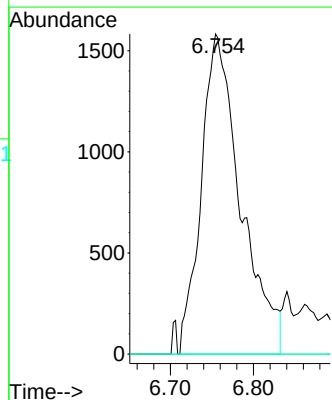
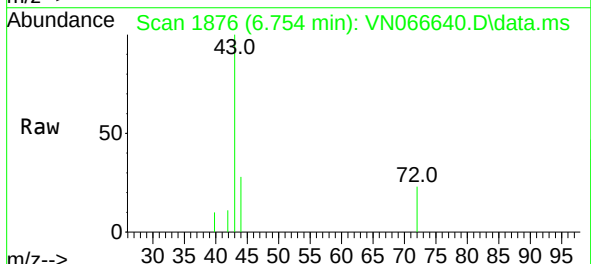


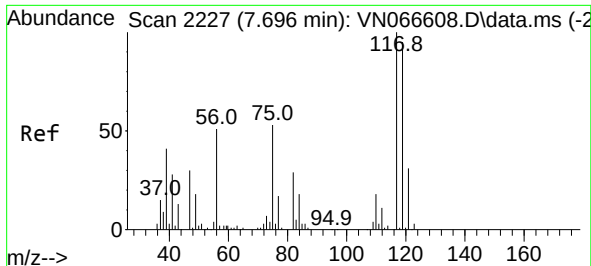
Tgt Ion: 75 Resp: 18125
Ion Ratio Lower Upper
75 100
110 7.4 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.17 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. -0.089 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

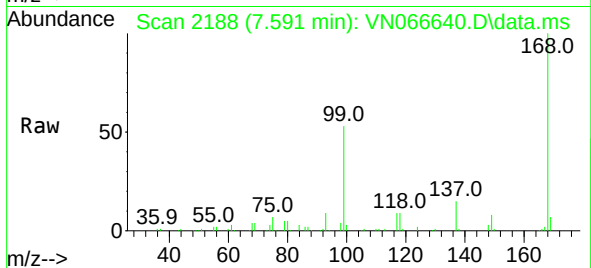
Tgt Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



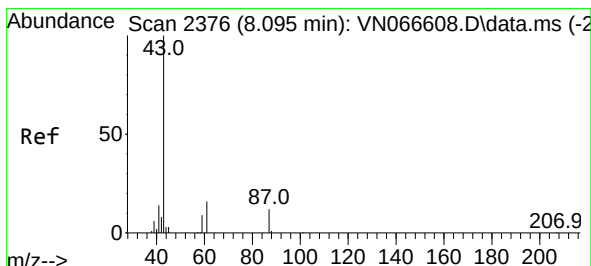
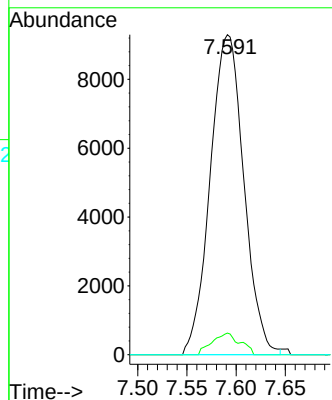
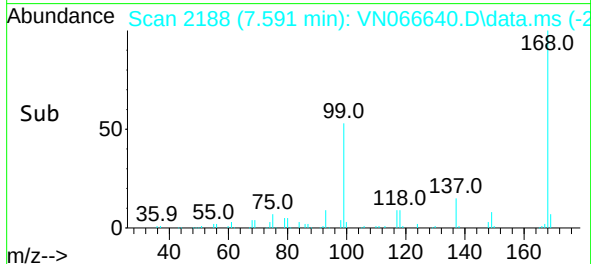


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

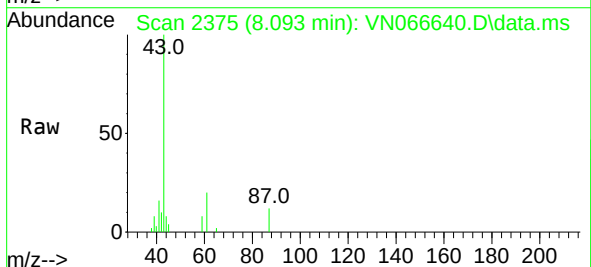
Instrument :
MSVOA_N
ClientSampled :
TP-7



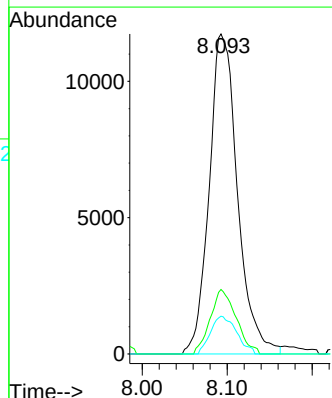
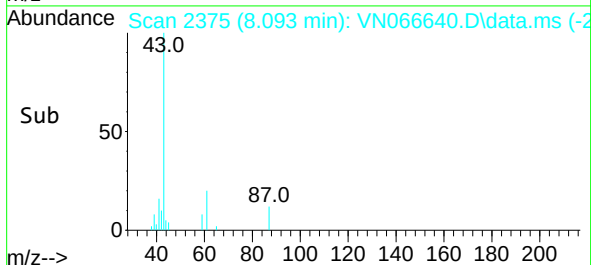
Tgt Ion:117 Resp: 22131
Ion Ratio Lower Upper
117 100
119 6.7 76.0 114.0#
121 0.0 24.5 36.7#

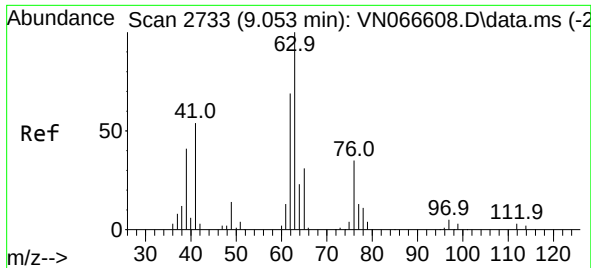


#43
Isopropyl Acetate
Concen: 3.65 ug/l
RT: 8.093 min Scan# 2375
Delta R.T. -0.002 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52



Tgt Ion: 43 Resp: 27205
Ion Ratio Lower Upper
43 100
61 18.5 22.5 33.7#
87 10.8 11.1 16.7#



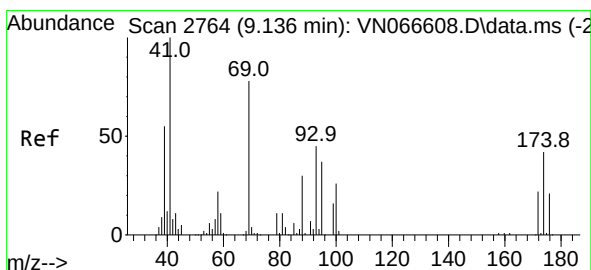
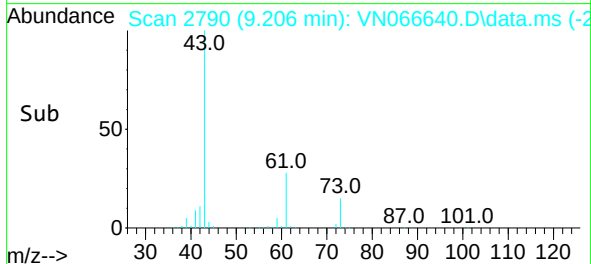
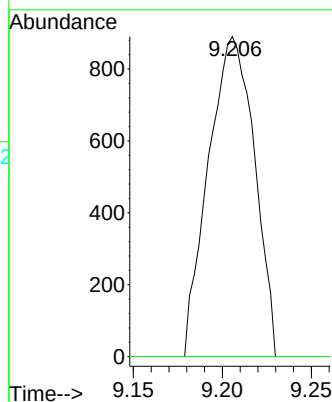
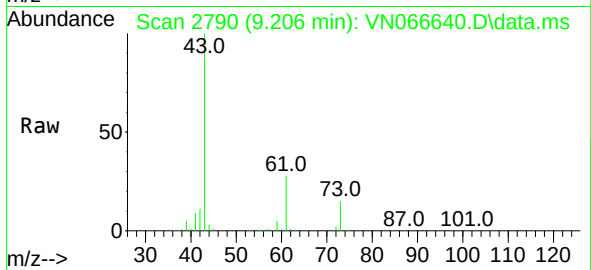


#45

1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 9.206 min Scan# 2790
Delta R.T. 0.153 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Instrument :
MSVOA_N
ClientSampled :
TP-7

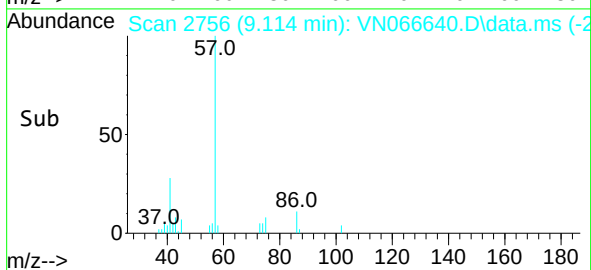
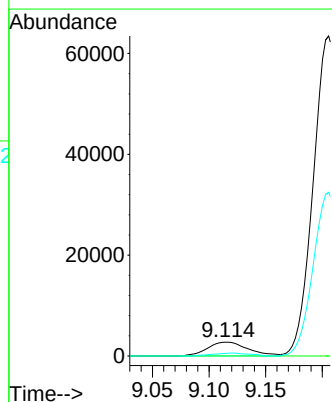
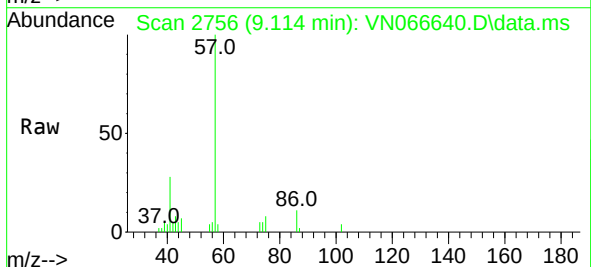
Tgt Ion: 63 Resp: 1601
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

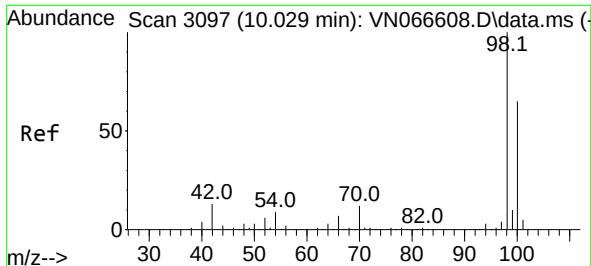


#48

Methyl methacrylate
Concen: 2.04 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.022 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 41 Resp: 6822
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

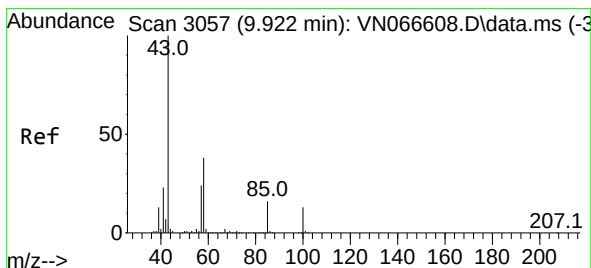
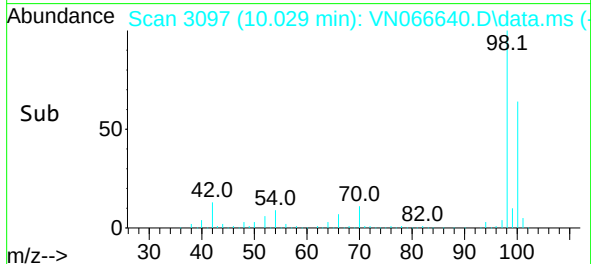
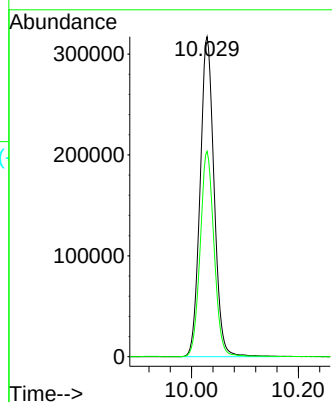
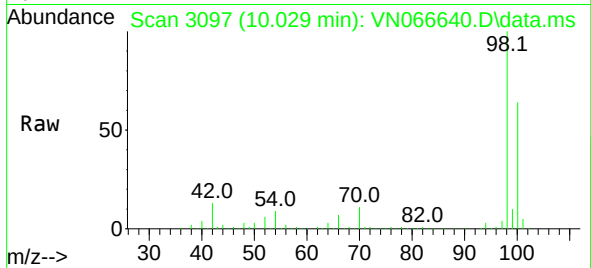




#50
Toluene-d8
Concen: 54.57 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

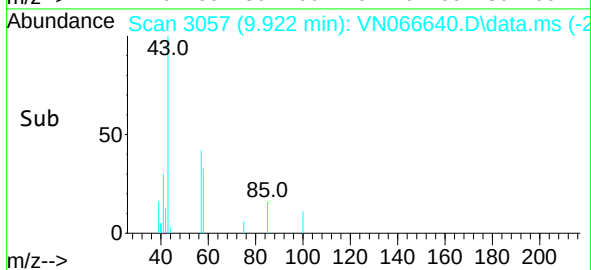
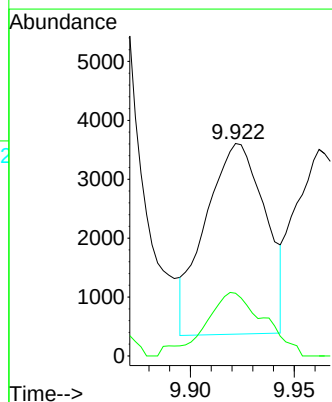
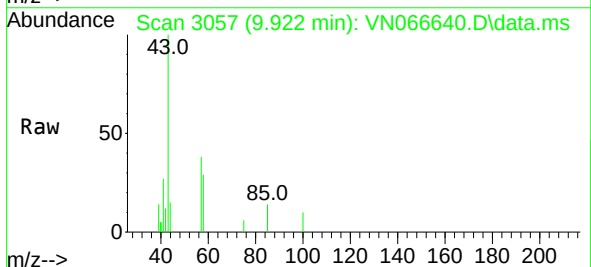
Instrument :
MSVOA_N
ClientSampled :
TP-7

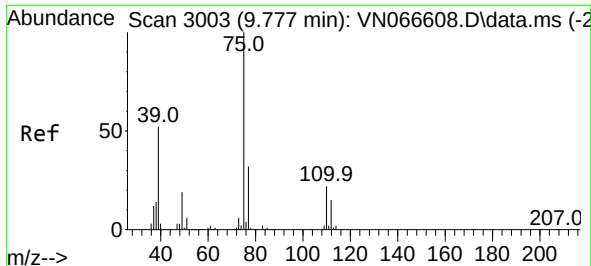
Tgt Ion: 98 Resp: 578604
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
58 32.8 32.5 48.7

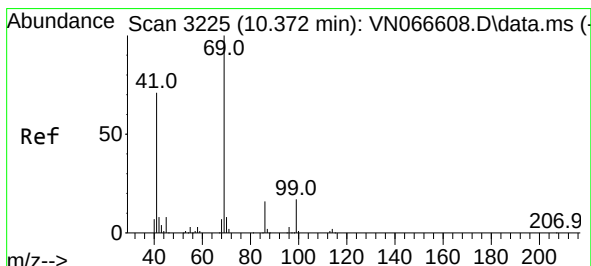
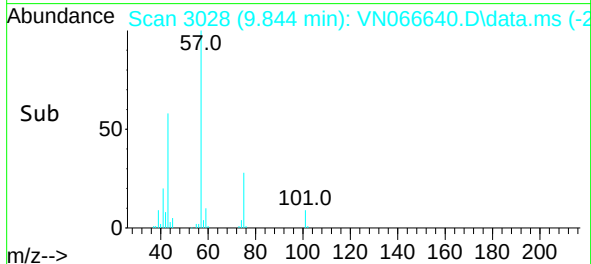
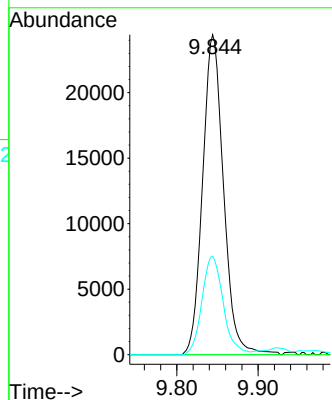
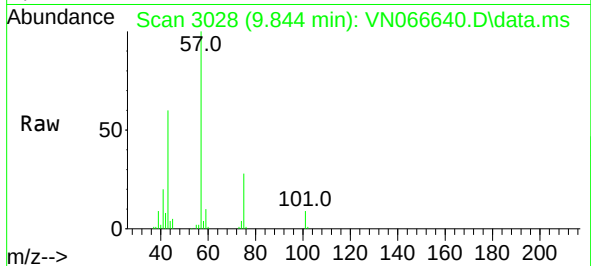




#54
cis-1,3-Dichloropropene
Concen: 8.49 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

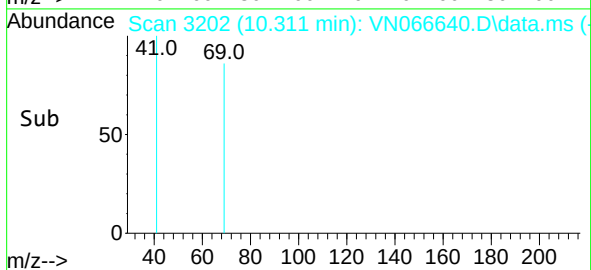
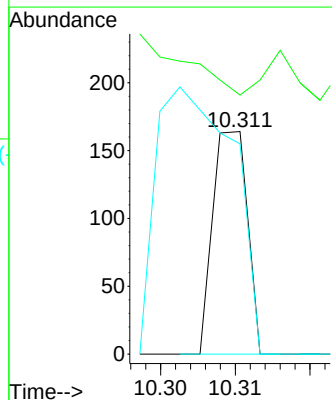
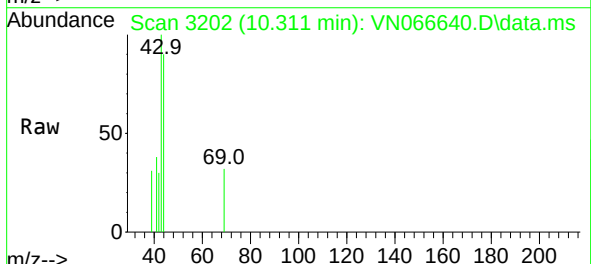
Instrument :
MSVOA_N
ClientSampled :
TP-7

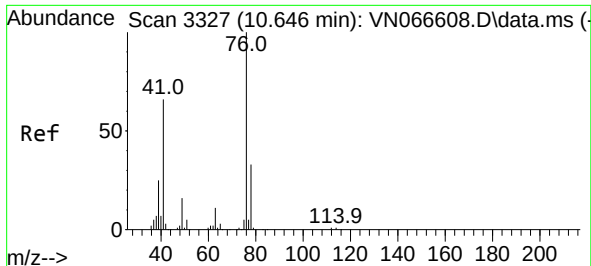
Tgt Ion: 75 Resp: 43627
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 30.8 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.91 ug/l
RT: 10.311 min Scan# 3202
Delta R.T. -0.061 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 69 Resp: 53
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

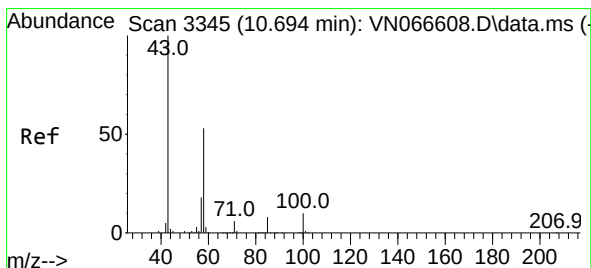
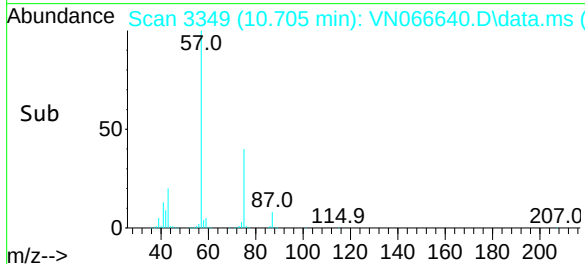
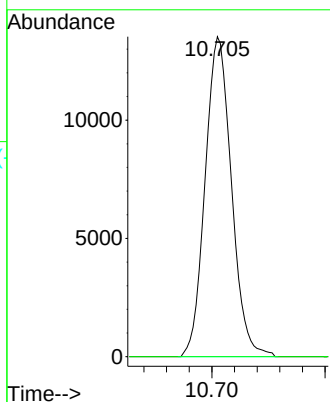
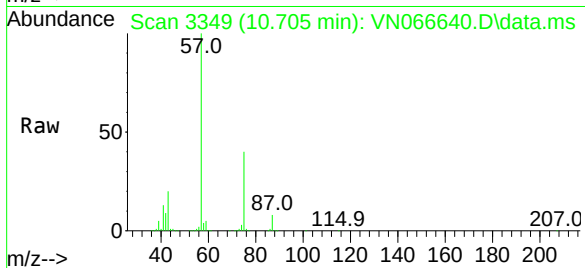




#57
1,3-Dichloropropane
Concen: 4.24 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

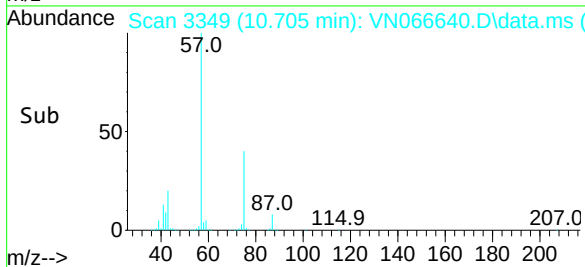
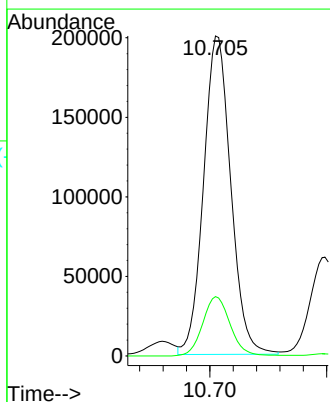
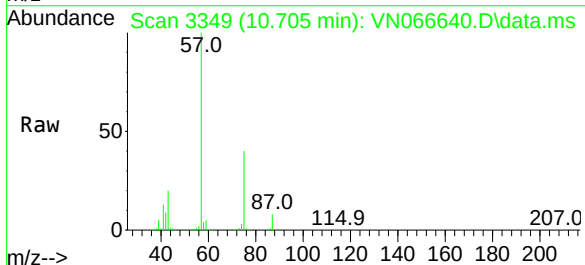
Instrument :
MSVOA_N
ClientSampled :
TP-7

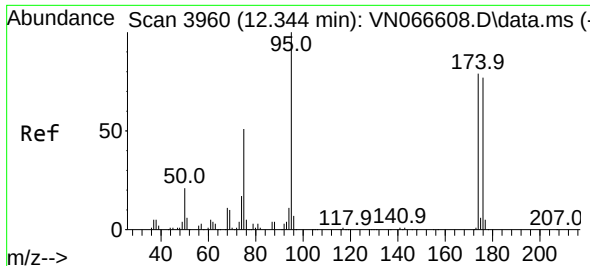
Tgt Ion: 76 Resp: 21809
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 106.68 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.011 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 43 Resp: 324236
Ion Ratio Lower Upper
43 100
58 19.0 28.1 84.3#

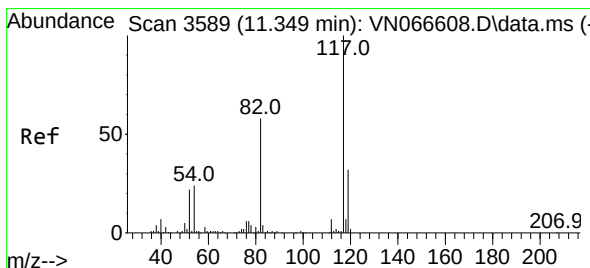
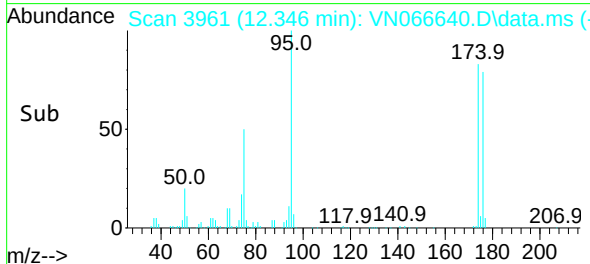
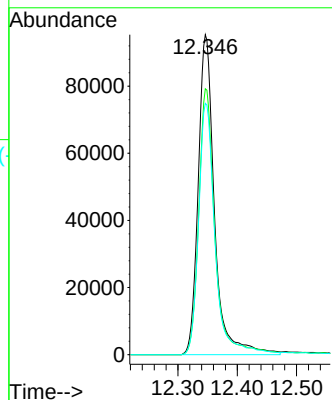
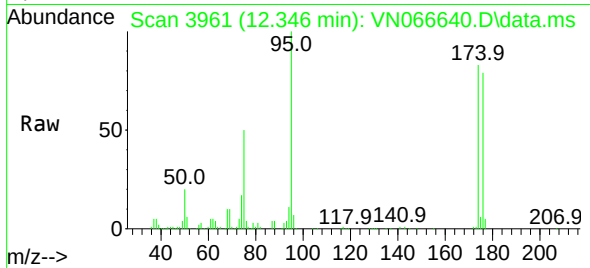




#62
4-Bromofluorobenzene
Concen: 48.90 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

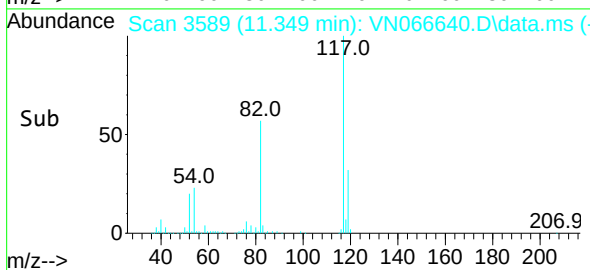
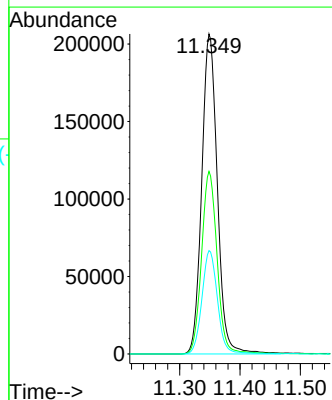
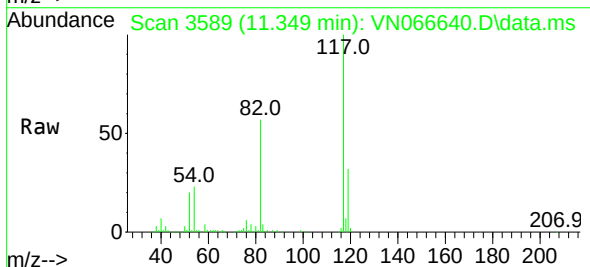
Instrument :
MSVOA_N
ClientSampleId :
TP-7

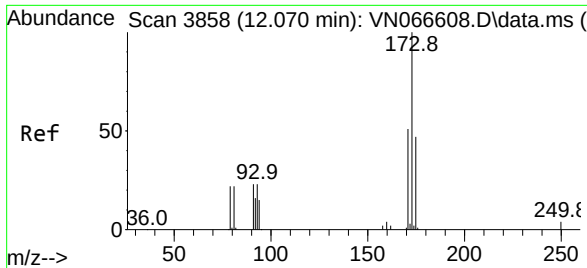
Tgt Ion: 95 Resp: 182333
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.0
176 77.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Tgt Ion: 117 Resp: 371375
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 32.3 26.1 39.1

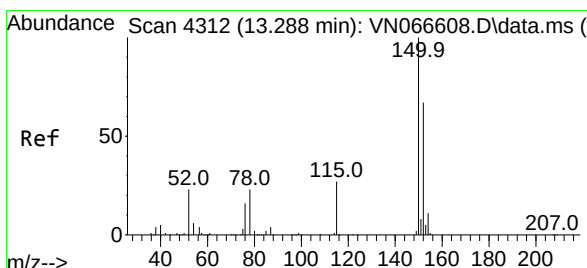
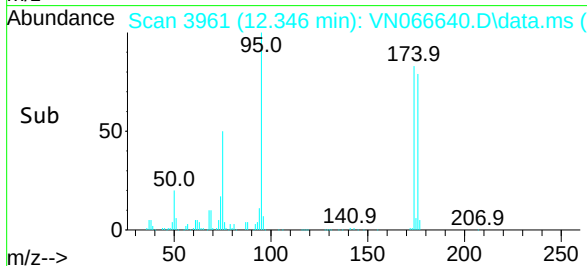
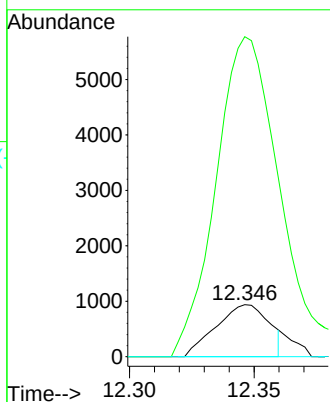
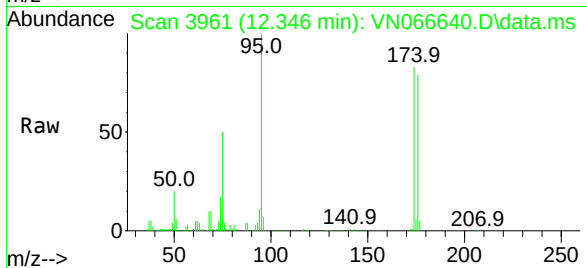




#71
Bromoform
Concen: 0.63 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.276 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

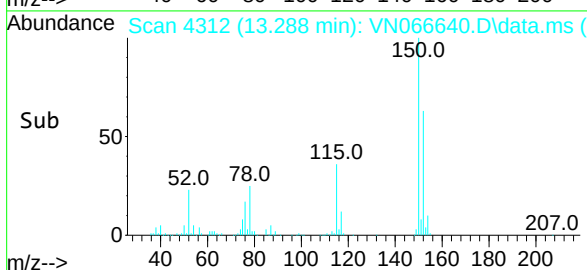
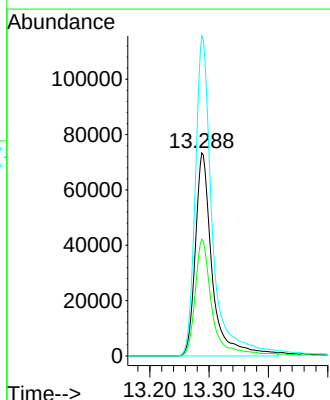
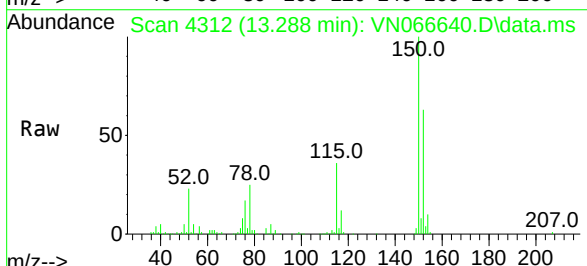
Instrument :
MSVOA_N
ClientSampleId :
TP-7

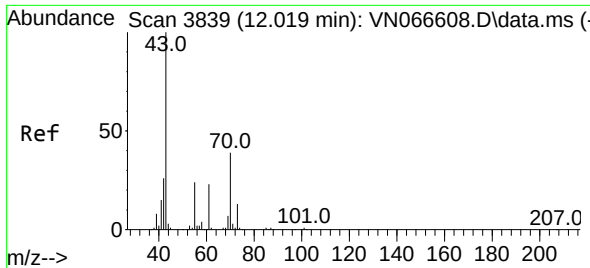
Tgt Ion:173 Resp: 1389
Ion Ratio Lower Upper
173 100
175 629.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

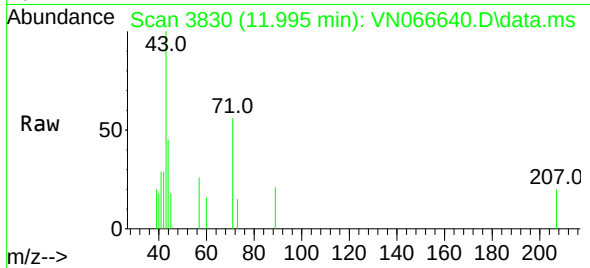
Tgt Ion:152 Resp: 146132
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.6
150 160.3 0.0 347.6



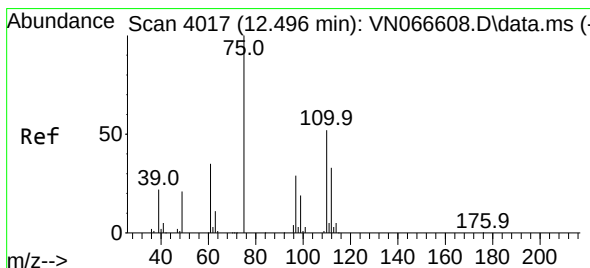
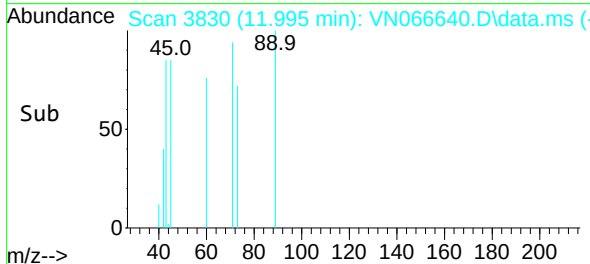
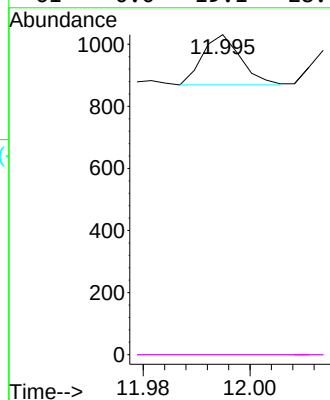


#74
N-amy1 acetate
Concen: 9.74 ug/l
RT: 11.995 min Scan# 3830
Delta R.T. -0.024 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

Instrument :
MSVOA_N
ClientSampled :
TP-7

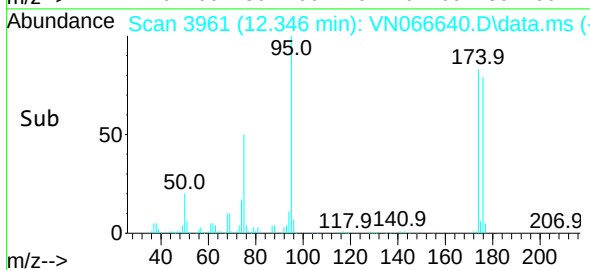
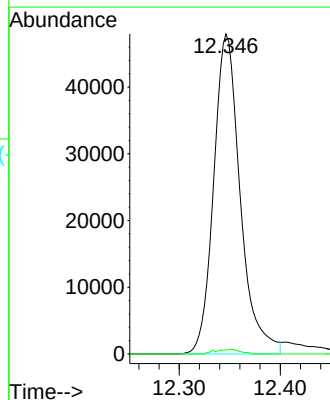
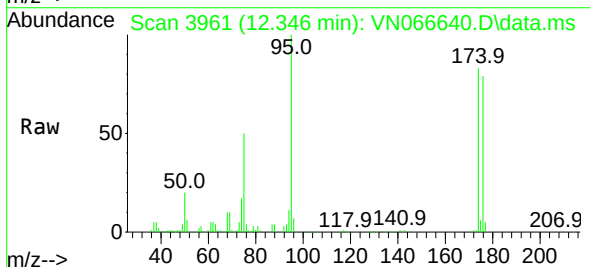


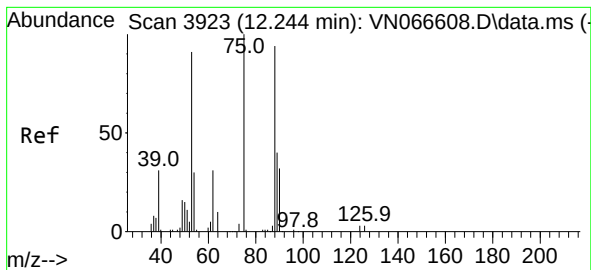
Tgt Ion: 43	Resp: 81
Ion Ratio	Lower Upper
43	100
70	0.0 34.4 51.6#
55	0.0 20.7 31.1#
61	0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 25.58 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066640.D
Acq: 16 Apr 2021 20:52

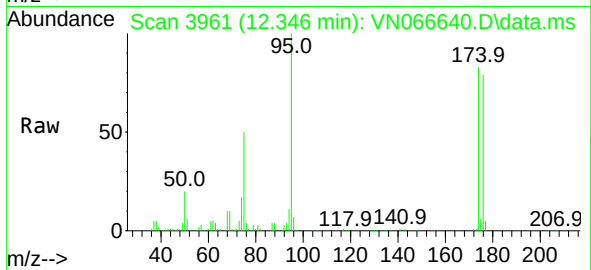
Tgt Ion: 75	Resp: 87411
Ion Ratio	Lower Upper
75	100
77	1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.94 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066640.D
 Acq: 16 Apr 2021 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion: 75 Resp: 87411
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.1 35.8 53.8#

