

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066644.D
 Acq On : 16 Apr 2021 22:27
 Operator : JC/MD
 Sample : M2055-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 17 05:21:41 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)

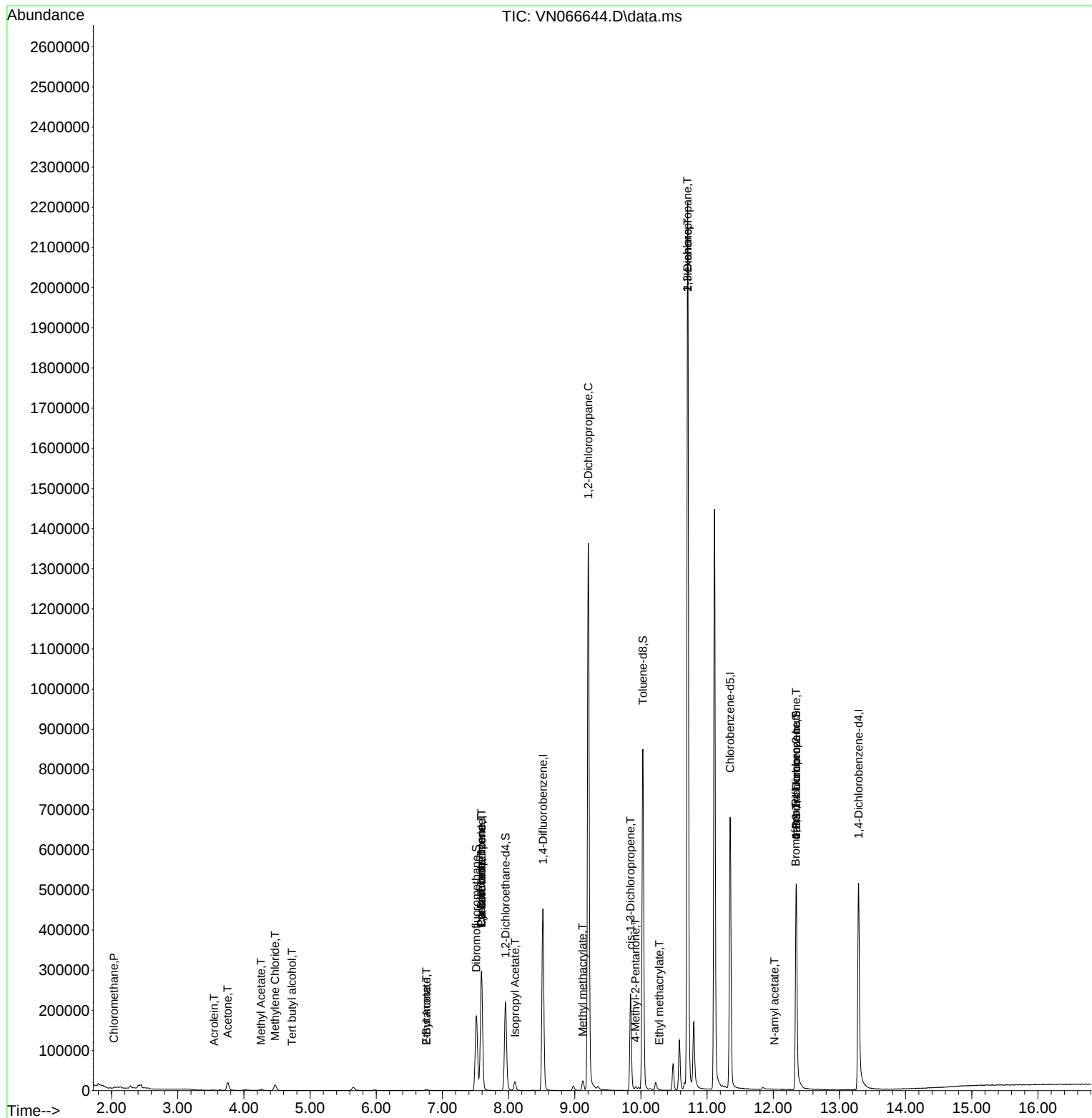
Internal Standards						
1) Pentafluorobenzene	7.591	168	248725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	399181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	393621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	174064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	189000	50.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.74%			
35) Dibromofluoromethane	7.510	113	146854	53.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.10%			
50) Toluene-d8	10.029	98	584122	53.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.68%			
62) 4-Bromofluorobenzene	12.346	95	197172	51.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.36%			
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1118	0.25	ug/l	92
11) Tert butyl alcohol	4.727	59	197	0.33	ug/l #	73
13) Acrolein	3.547	56	390	1.22	ug/l #	33
16) Acetone	3.756	43	34002	17.44	ug/l	97
18) Methyl Acetate	4.257	43	6659	1.65	ug/l #	77
20) Methylene Chloride	4.469	84	10100	2.85	ug/l	91
25) 2-Butanone	6.757	43	5476	2.48	ug/l #	86
31) Cyclohexane	7.588	56	5053	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19091	4.75	ug/l #	47
37) Ethyl Acetate	6.757	43	5476	1.20	ug/l #	68
38) Carbon Tetrachloride	7.591	117	22338	5.93	ug/l #	17
43) Isopropyl Acetate	8.098	43	28165	3.70	ug/l #	85
45) 1,2-Dichloropropane	9.205	63	1610	0.45	ug/l #	44
48) Methyl methacrylate	9.117	41	6762	1.97	ug/l #	10
51) 4-Methyl-2-Pentanone	9.919	43	6387	1.42	ug/l	90
54) cis-1,3-Dichloropropene	9.844	75	43062	8.19	ug/l #	64
56) Ethyl methacrylate	10.278	69	128	0.92	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	22243	4.23	ug/l #	43
59) 2-Hexanone	10.707	43	327747	105.45	ug/l #	49
71) Bromoform	12.341	173	518	0.22	ug/l #	29
74) N-amyl acetate	12.019	43	93	9.74	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	100375	24.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	100375	76.18	ug/l #	12

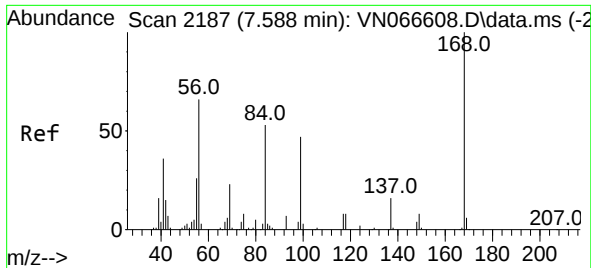
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :
TP-4

Quant Time: Apr 17 05:21:41 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

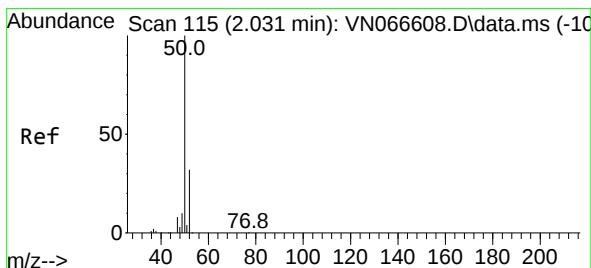
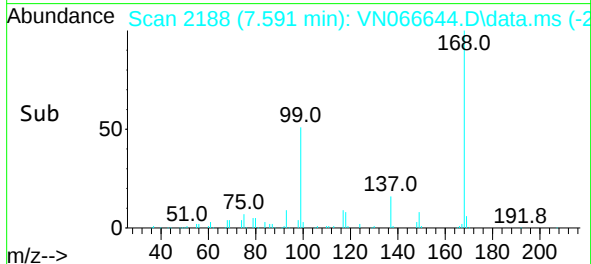
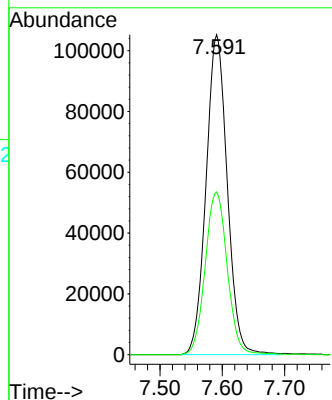
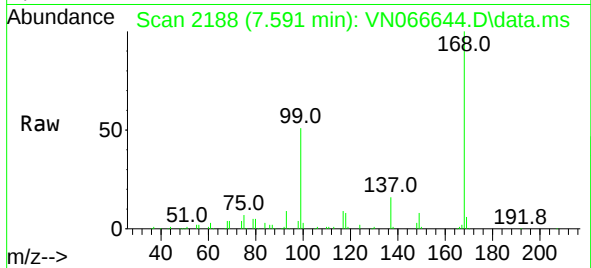




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

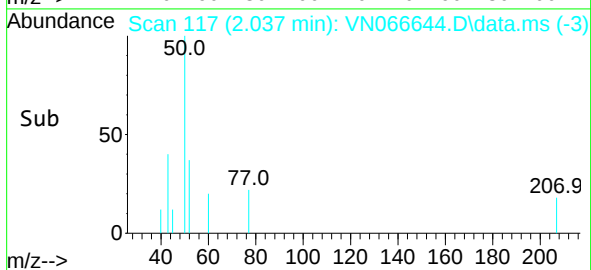
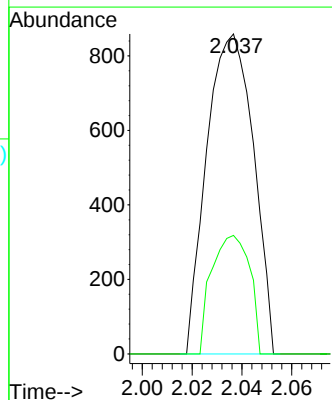
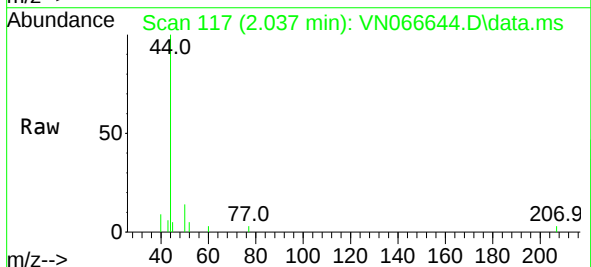
Instrument :
MSVOA_N
ClientSampled :
TP-4

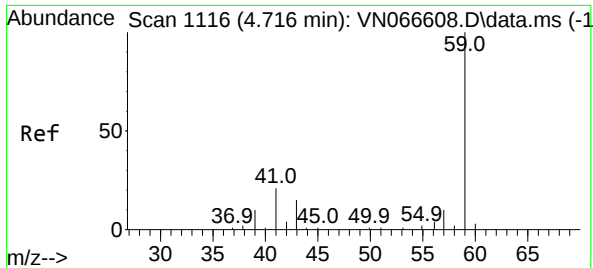
Tgt Ion:168 Resp: 248725
Ion Ratio Lower Upper
168 100
99 50.9 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion: 50 Resp: 1118
Ion Ratio Lower Upper
50 100
52 37.0 25.8 38.8

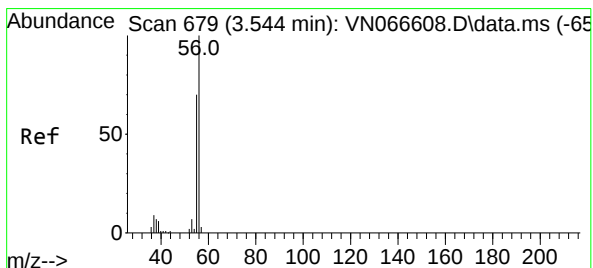
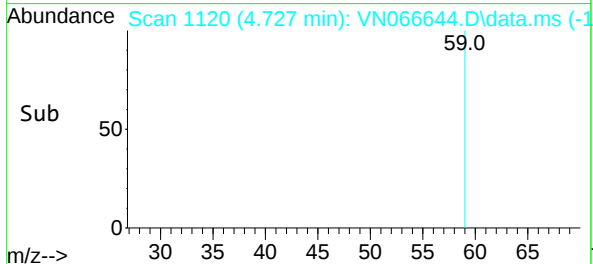
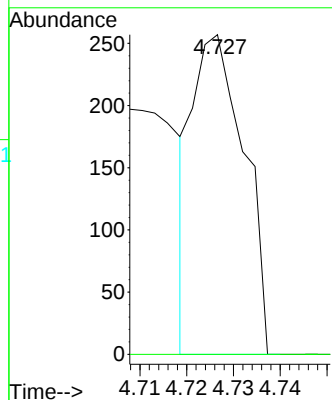
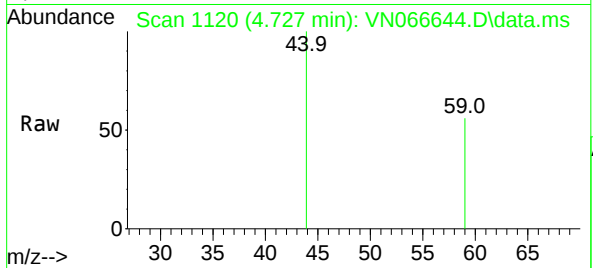




#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 4.727 min Scan# 1120
Delta R.T. 0.011 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

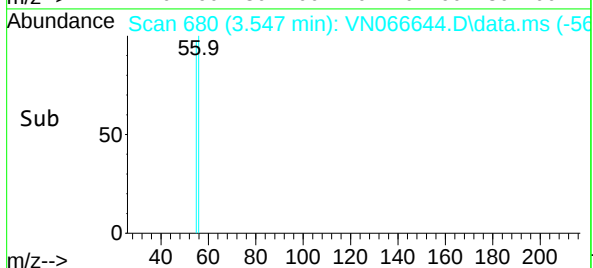
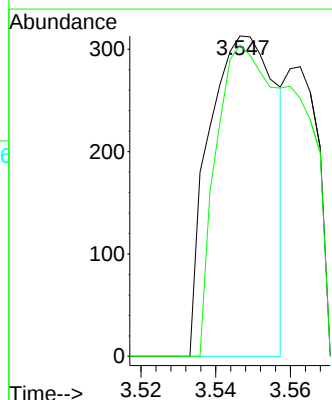
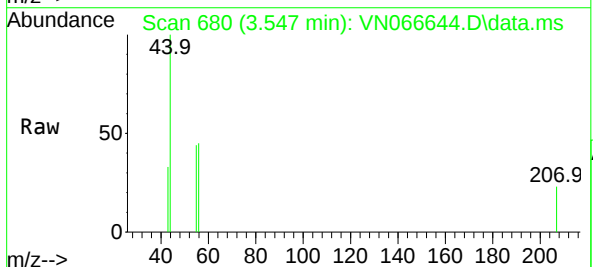
Instrument :
MSVOA_N
ClientSampled :
TP-4

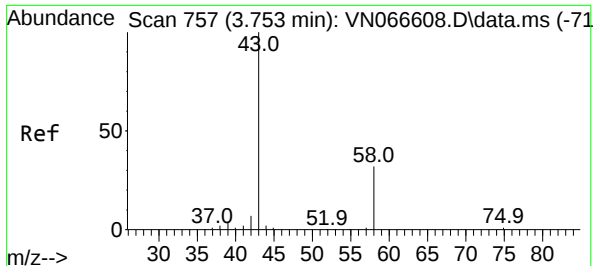
Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.22 ug/l
RT: 3.547 min Scan# 680
Delta R.T. 0.003 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion: 56 Resp: 390
Ion Ratio Lower Upper
56 100
55 124.9 56.0 84.0#

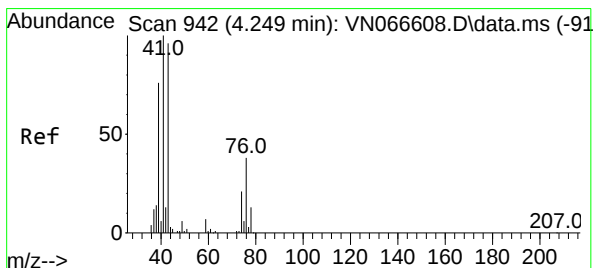
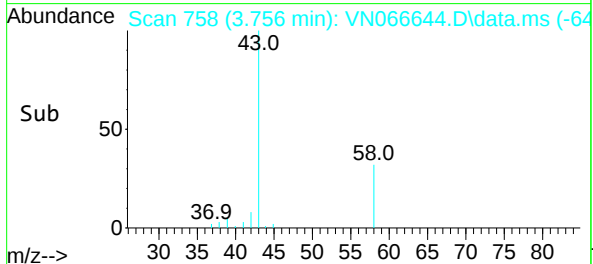
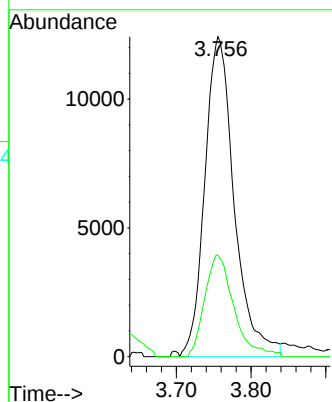
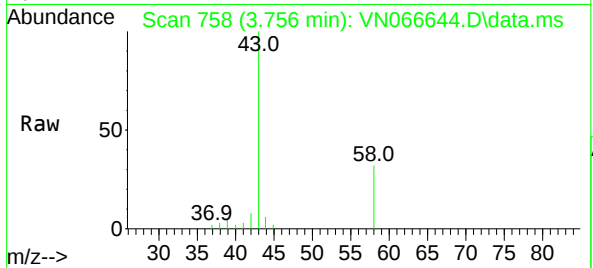




#16
Acetone
Concen: 17.44 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

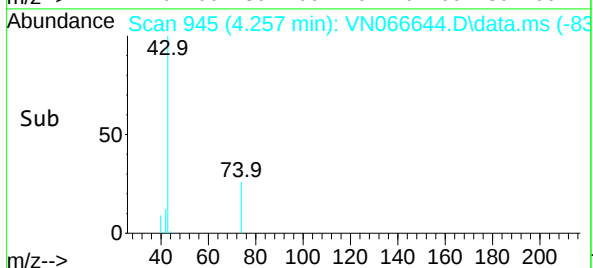
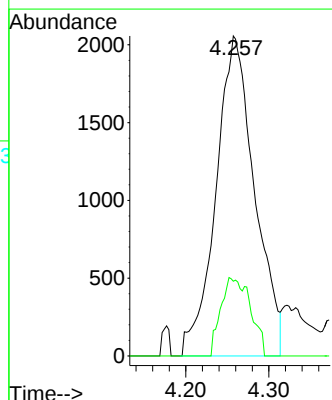
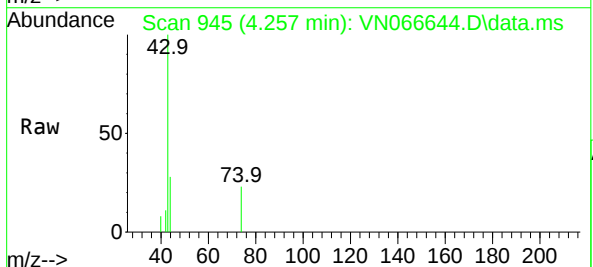
Instrument :
MSVOA_N
ClientSampled :
TP-4

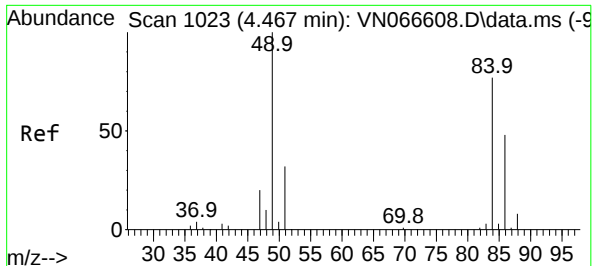
Tgt Ion: 43 Resp: 34002
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.6



#18
Methyl Acetate
Concen: 1.65 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion: 43 Resp: 6659
Ion Ratio Lower Upper
43 100
74 12.8 19.5 29.3#

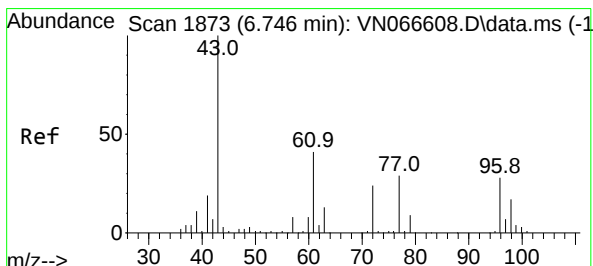
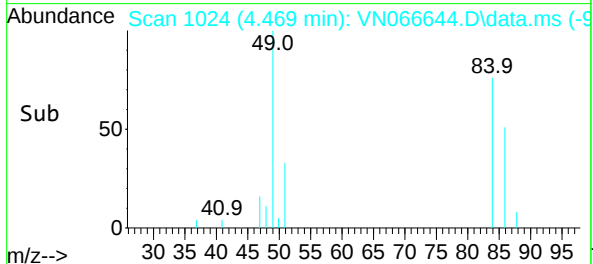
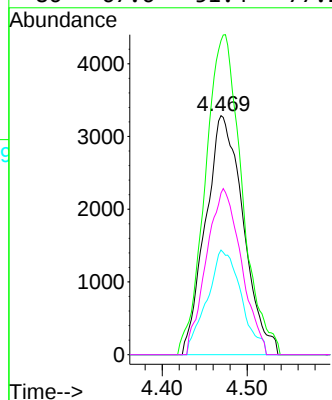
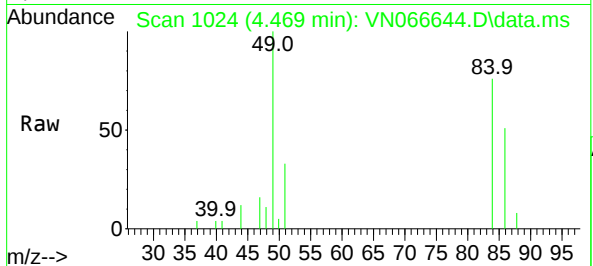




#20
Methylene Chloride
Concen: 2.85 ug/l
RT: 4.469 min Scan# 1024
Delta R.T. 0.002 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

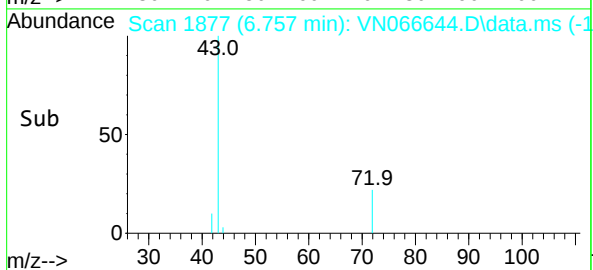
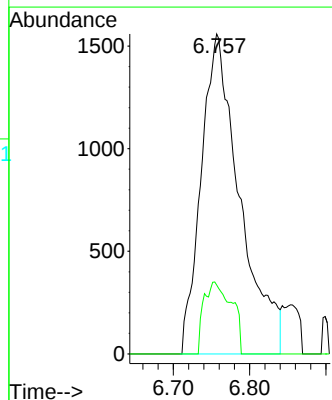
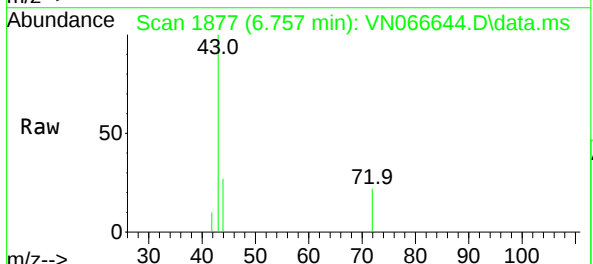
Instrument :
MSVOA_N
ClientSampled :
TP-4

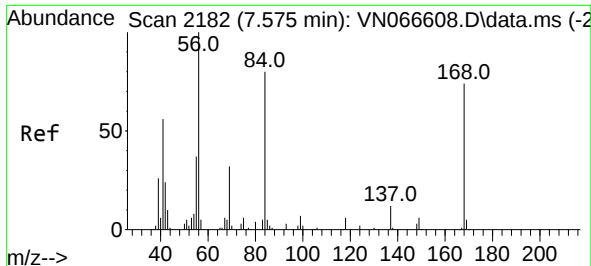
Tgt Ion:	84	Resp:	10100
Ion	Ratio	Lower	Upper
84	100		
49	131.4	94.6	141.8
51	43.7	29.9	44.9
86	67.6	51.4	77.2



#25
2-Butanone
Concen: 2.48 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

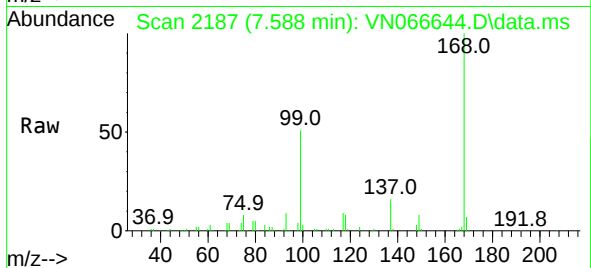
Tgt Ion:	43	Resp:	5476
Ion	Ratio	Lower	Upper
43	100		
72	21.6	23.1	34.7#



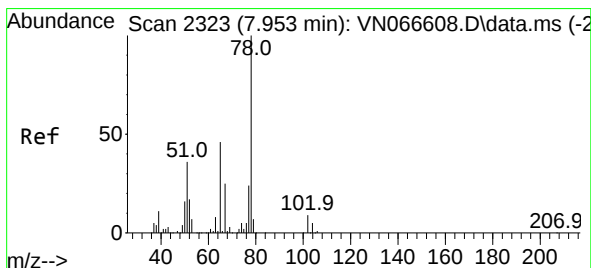
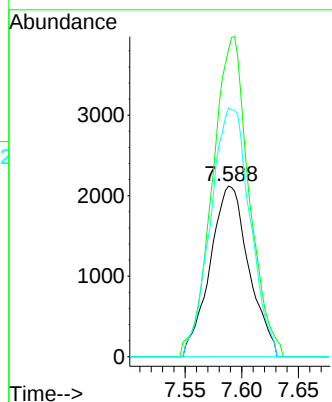
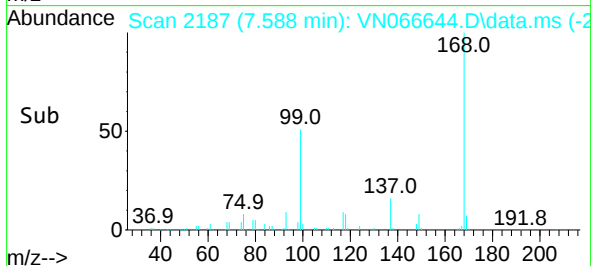


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

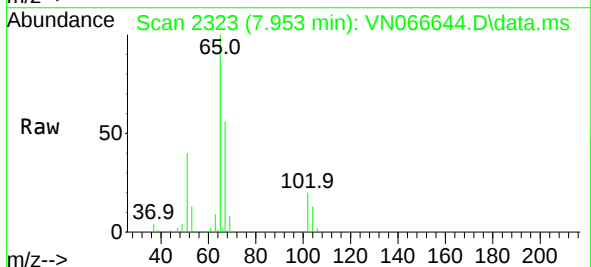
Instrument :
MSVOA_N
ClientSampled :
TP-4



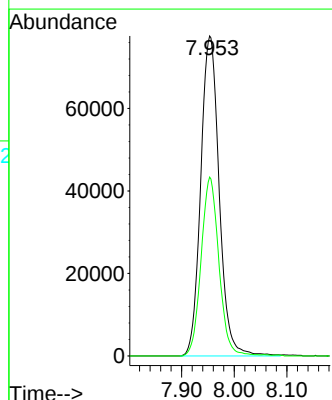
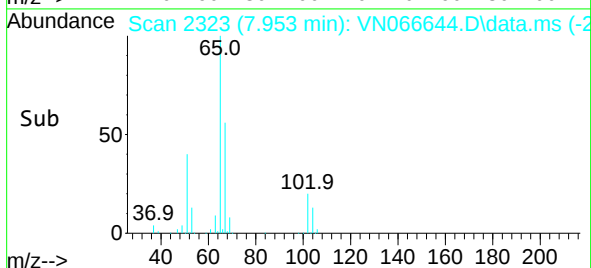
Tgt Ion: 56 Resp: 5053
Ion Ratio Lower Upper
56 100
69 180.1 26.6 39.8#
84 145.7 70.4 105.6#

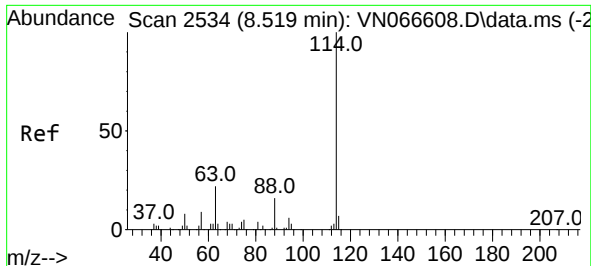


#33
1,2-Dichloroethane-d4
Concen: 50.37 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27



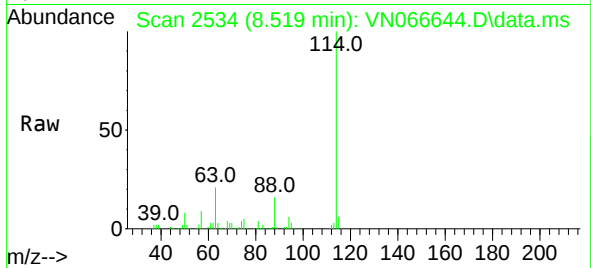
Tgt Ion: 65 Resp: 189000
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



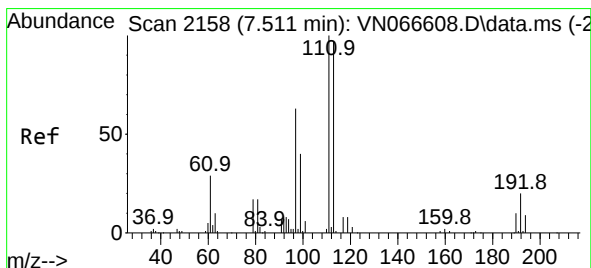
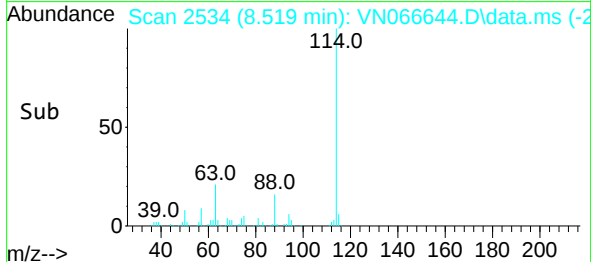
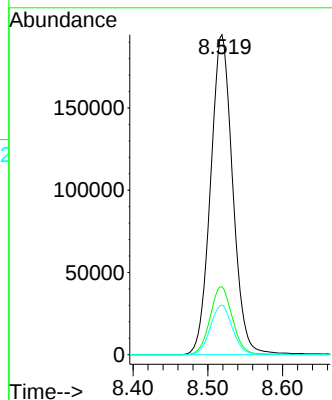


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Instrument :
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TP-4

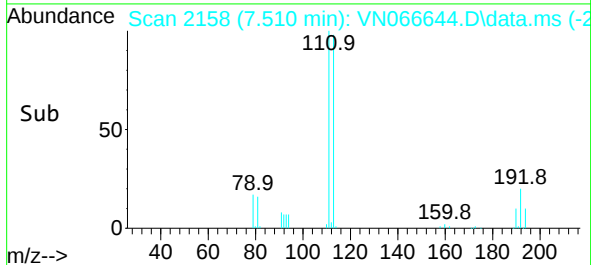
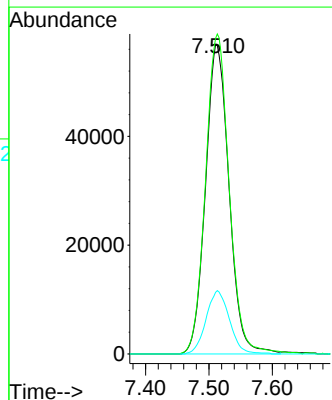
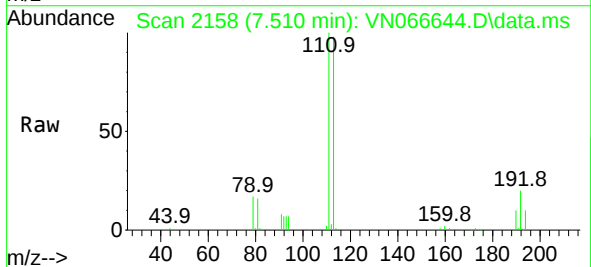


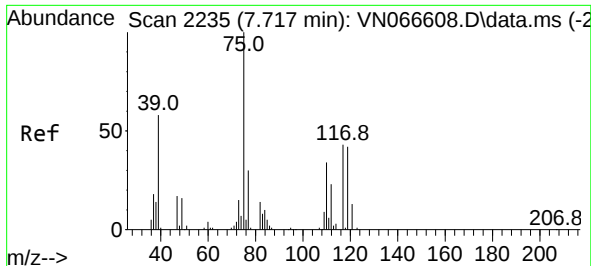
Tgt Ion:	114	Resp:	399181
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	38.6
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.05 ug/l
RT: 7.510 min Scan# 2158
Delta R.T. -0.001 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

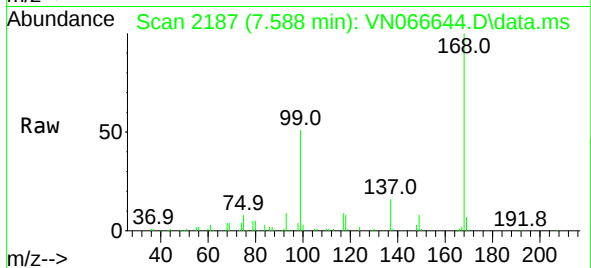
Tgt Ion:	113	Resp:	146854
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.2	123.2
192	20.2	15.4	23.0



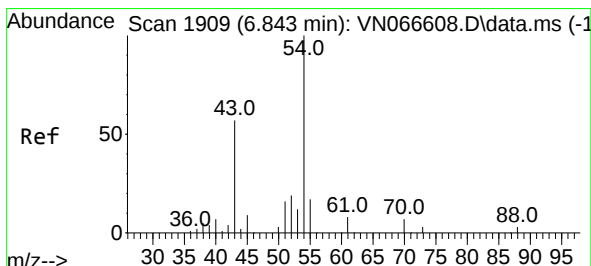
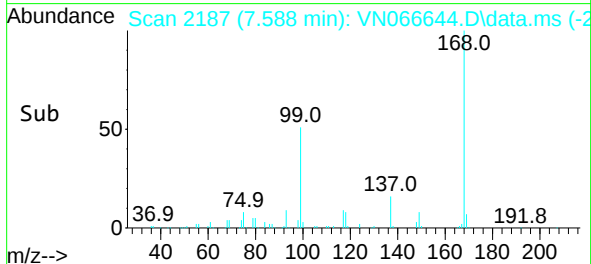
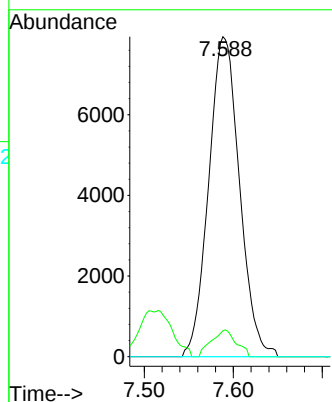


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Instrument :
MSVOA_N
ClientSampled :
TP-4

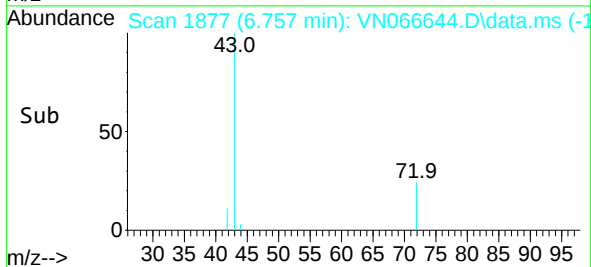
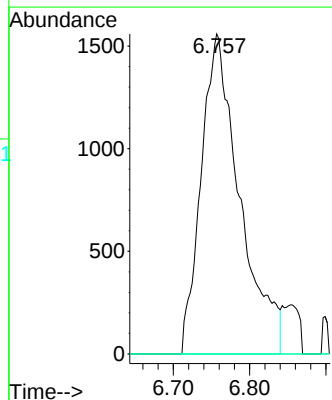
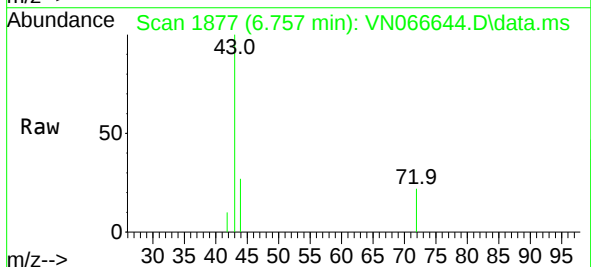


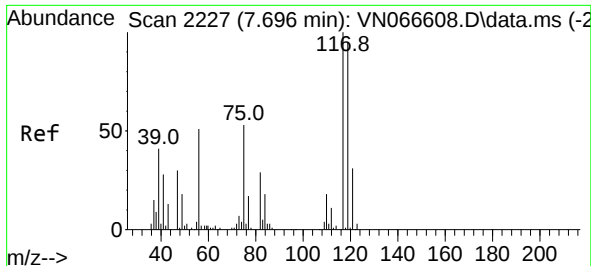
Tgt Ion: 75 Resp: 19091
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.20 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. -0.086 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

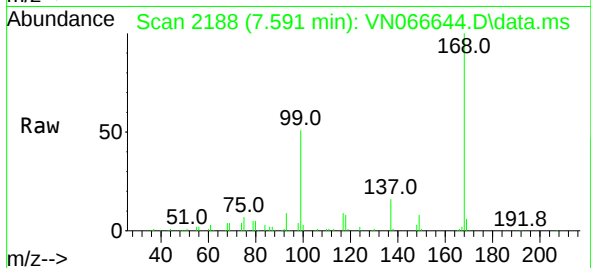
Tgt Ion: 43 Resp: 5476
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



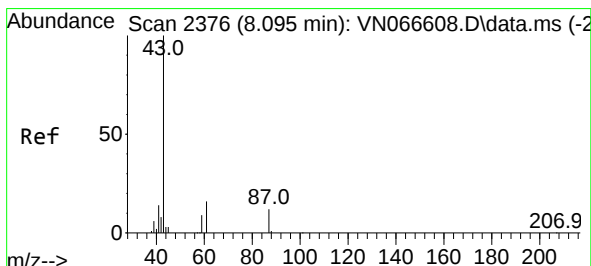
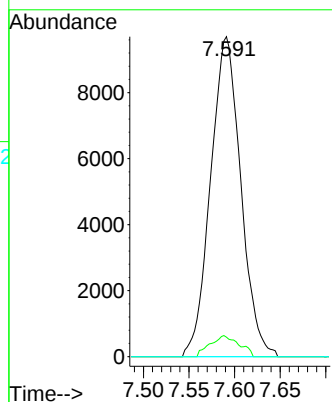
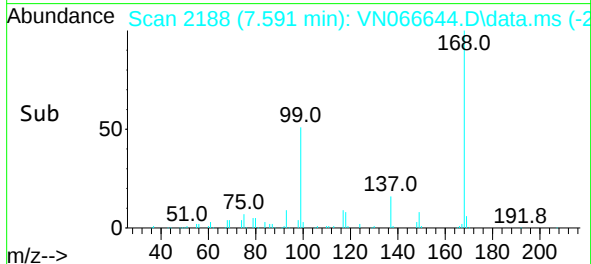


#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

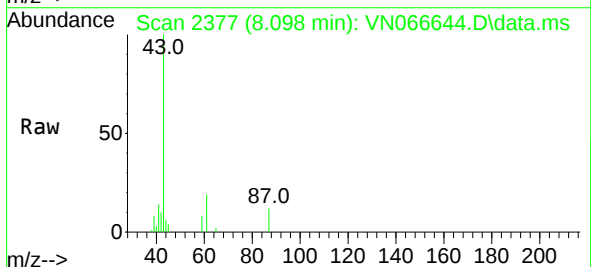
Instrument :
MSVOA_N
ClientSampled :
TP-4



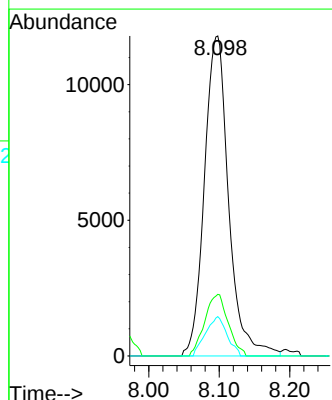
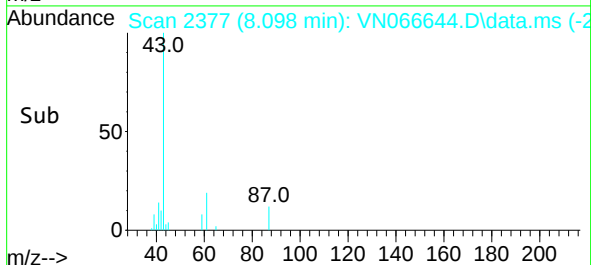
Tgt Ion: 117 Resp: 22338
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

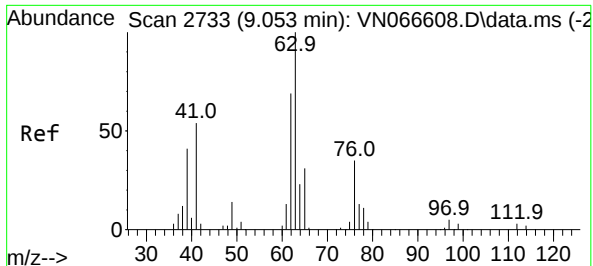


#43
Isopropyl Acetate
Concen: 3.70 ug/l
RT: 8.098 min Scan# 2377
Delta R.T. 0.003 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27



Tgt Ion: 43 Resp: 28165
Ion Ratio Lower Upper
43 100
61 18.6 22.5 33.7#
87 10.9 11.1 16.7#

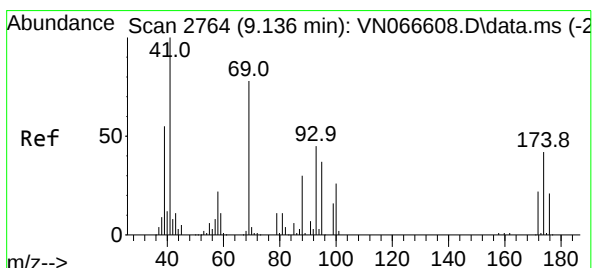
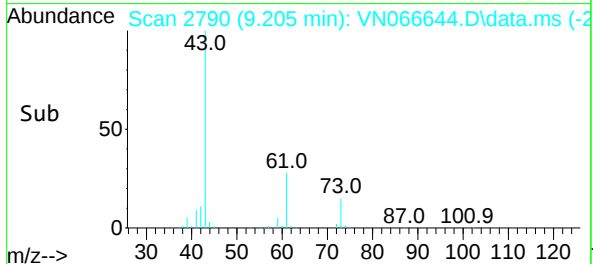
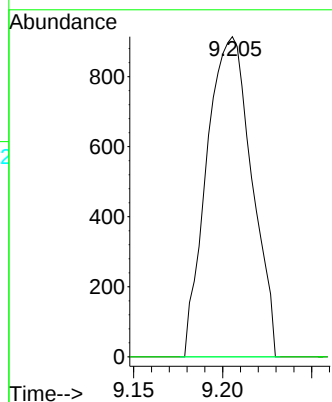
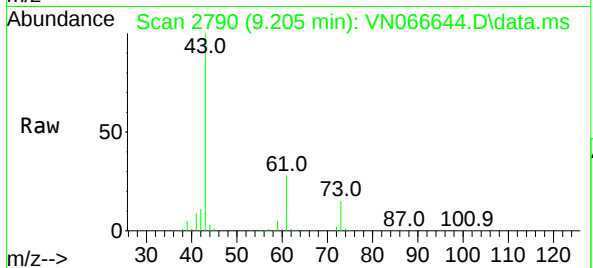




#45
1,2-Dichloropropane
Concen: 0.45 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

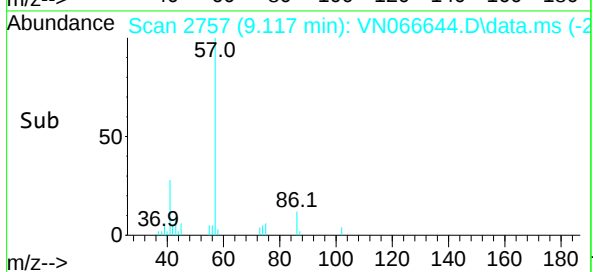
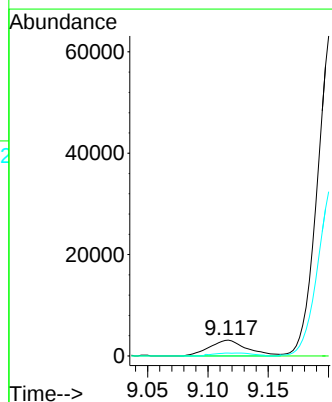
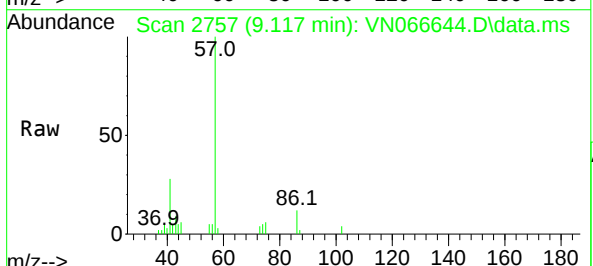
Instrument :
MSVOA_N
ClientSampled :
TP-4

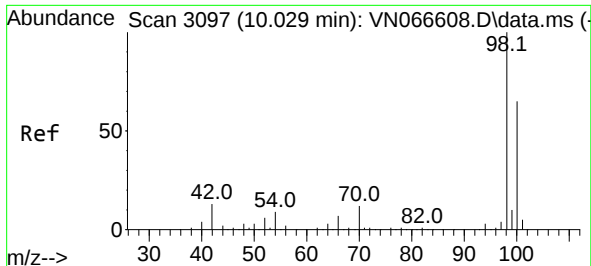
Tgt Ion: 63 Resp: 1610
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion: 41 Resp: 6762
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

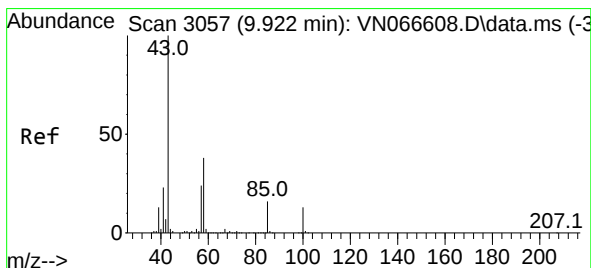
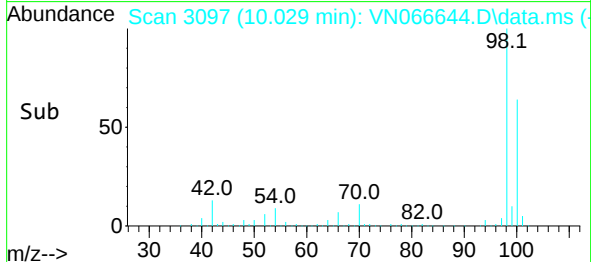
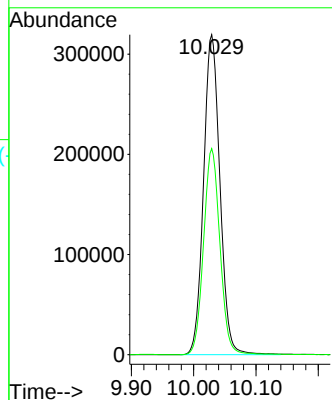
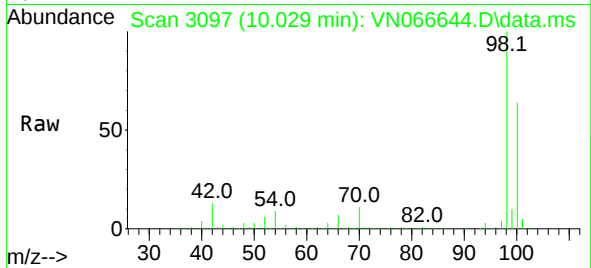




#50
Toluene-d8
Concen: 53.84 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

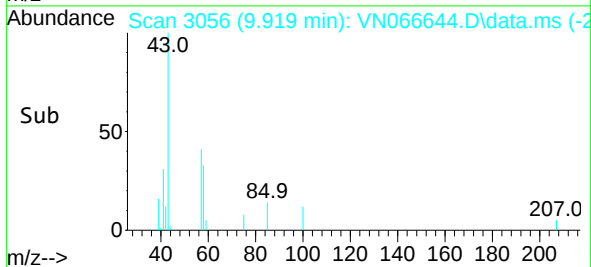
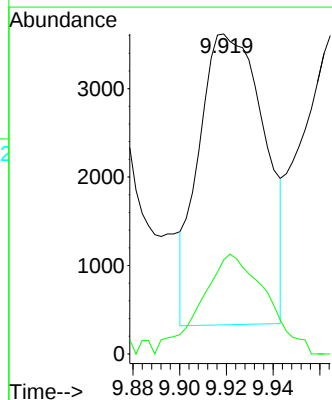
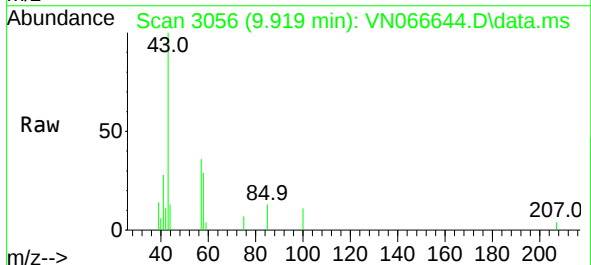
Instrument :
MSVOA_N
ClientSampled :
TP-4

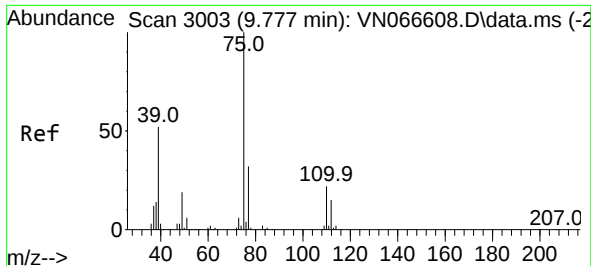
Tgt Ion: 98 Resp: 584122
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 9.919 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

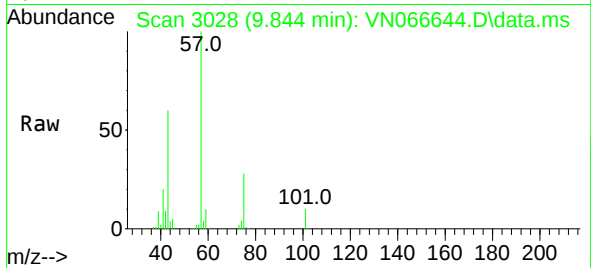
Tgt Ion: 43 Resp: 6387
Ion Ratio Lower Upper
43 100
58 34.3 32.5 48.7



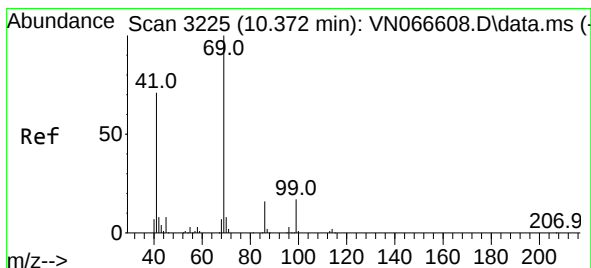
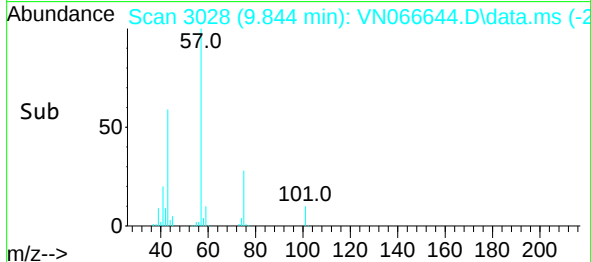
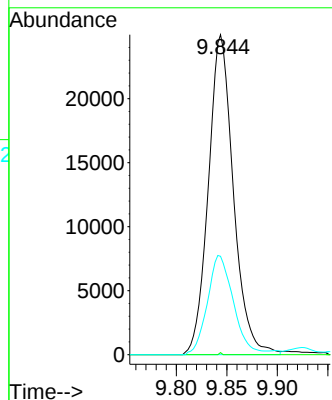


#54
 cis-1,3-Dichloropropene
 Concen: 8.19 ug/l
 RT: 9.844 min Scan# 3028
 Delta R.T. 0.067 min
 Lab File: VN066644.D
 Acq: 16 Apr 2021 22:27

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

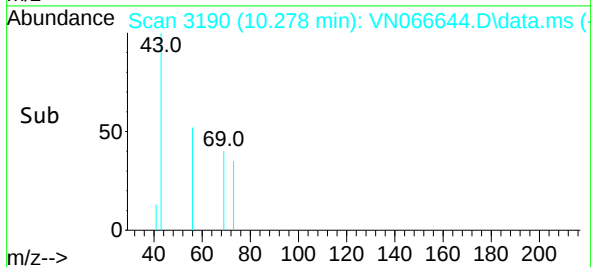
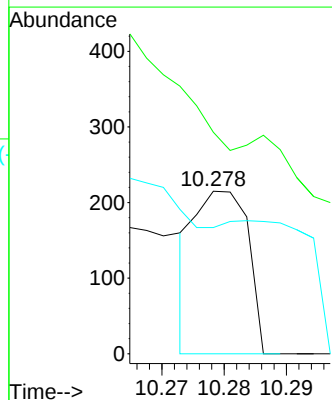
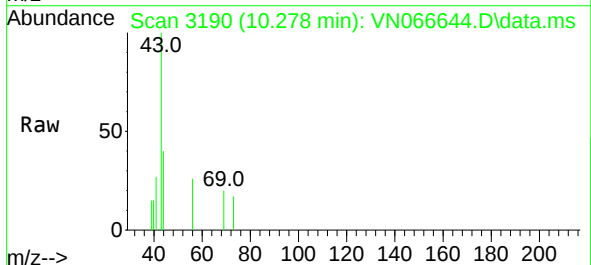


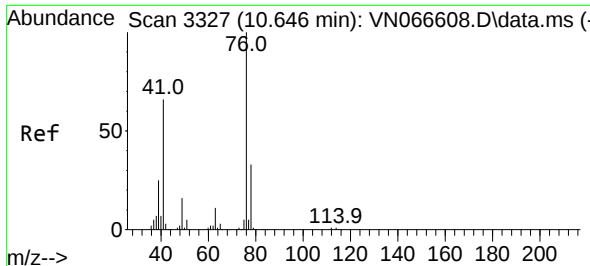
Tgt Ion: 75 Resp: 43062
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.9 37.3#
 39 30.7 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.92 ug/l
 RT: 10.278 min Scan# 3190
 Delta R.T. -0.094 min
 Lab File: VN066644.D
 Acq: 16 Apr 2021 22:27

Tgt Ion: 69 Resp: 128
 Ion Ratio Lower Upper
 69 100
 41 0.0 49.6 74.4#
 39 0.0 28.0 42.0#

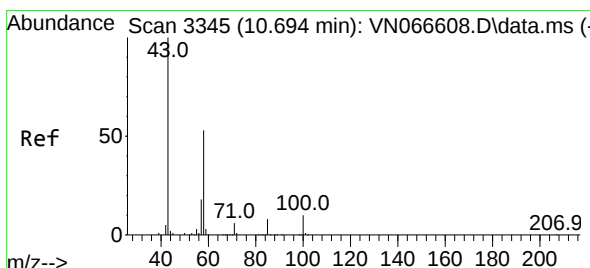
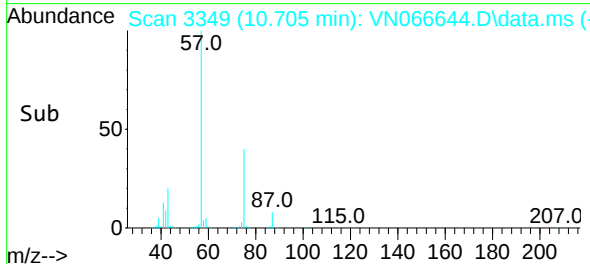
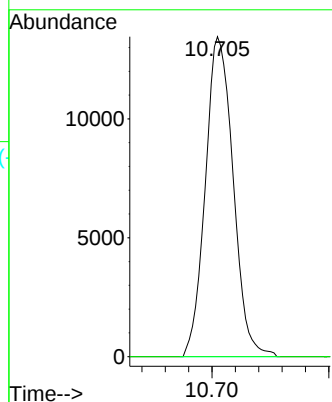
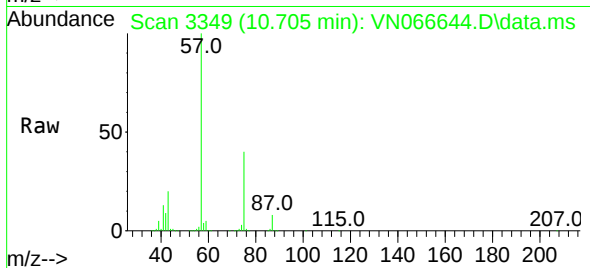




#57
1,3-Dichloropropane
Concen: 4.23 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

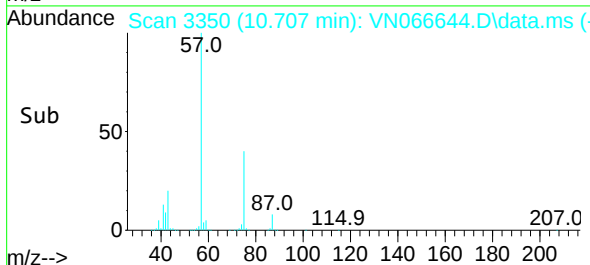
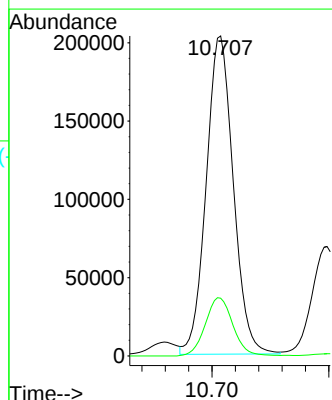
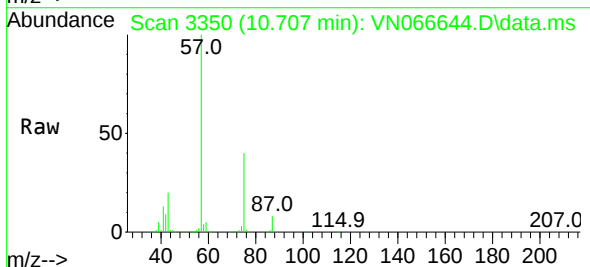
Instrument :
MSVOA_N
ClientSampled :
TP-4

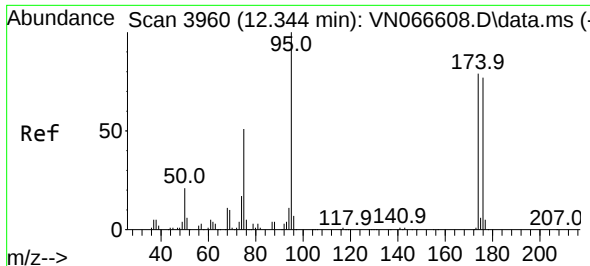
Tgt Ion: 76 Resp: 22243
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 105.45 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion: 43 Resp: 327747
Ion Ratio Lower Upper
43 100
58 18.7 28.1 84.3#

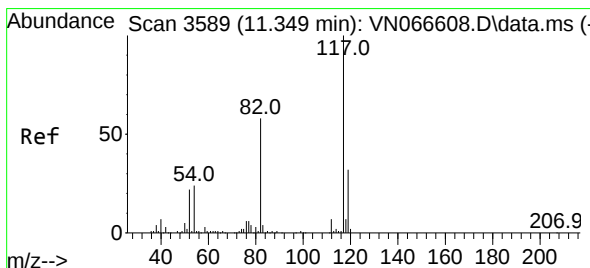
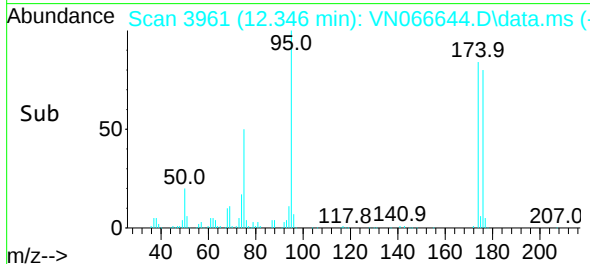
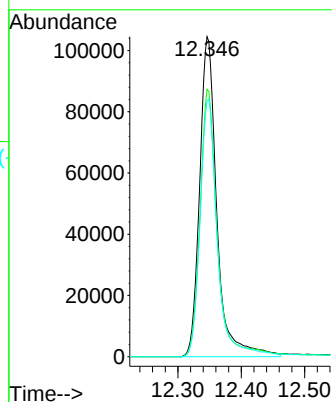
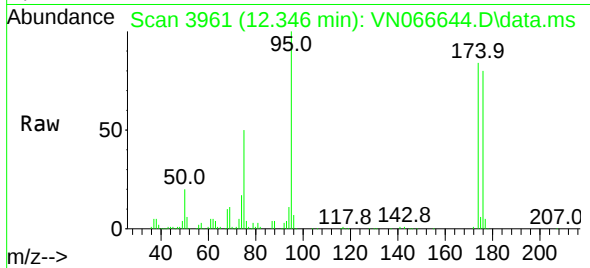




#62
4-Bromofluorobenzene
Concen: 51.68 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

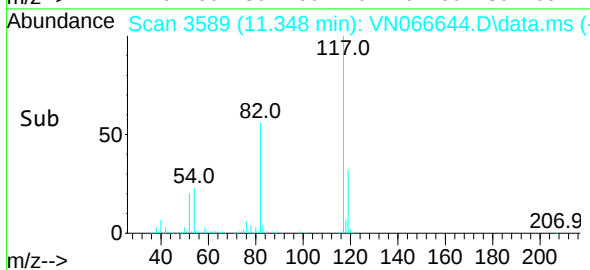
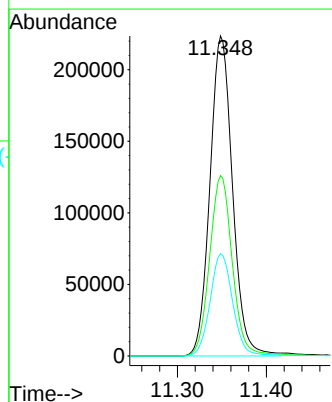
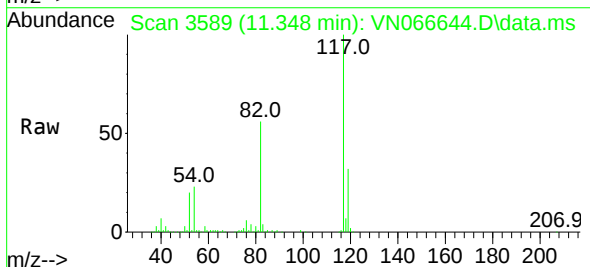
Instrument :
MSVOA_N
ClientSampled :
TP-4

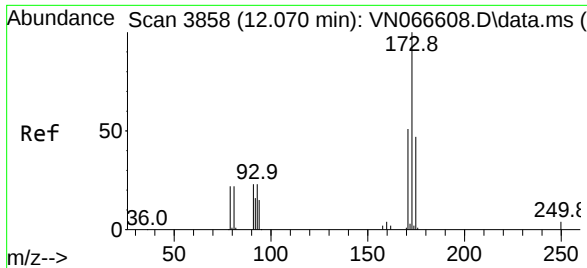
Tgt Ion: 95 Resp: 197172
Ion Ratio Lower Upper
95 100
174 84.3 0.0 169.0
176 81.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion: 117 Resp: 393621
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.9 26.1 39.1

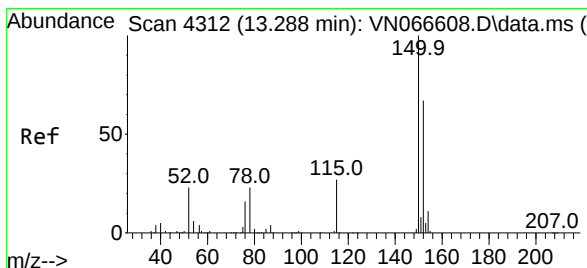
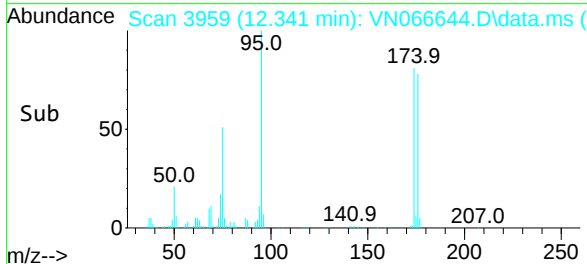
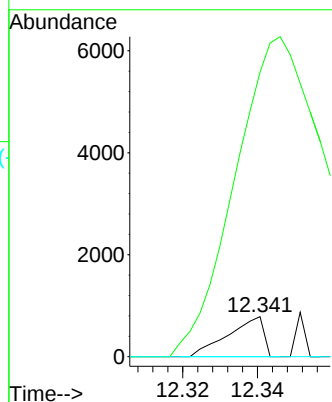
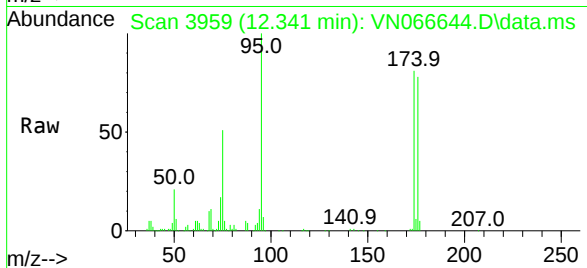




#71
Bromoform
Concen: 0.22 ug/l
RT: 12.341 min Scan# 3959
Delta R.T. 0.271 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

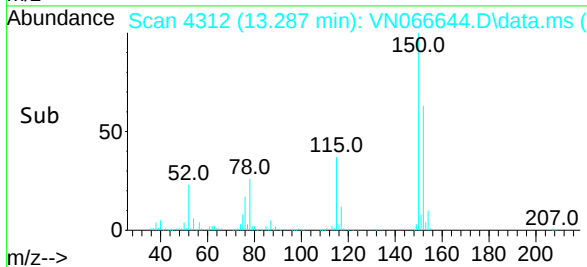
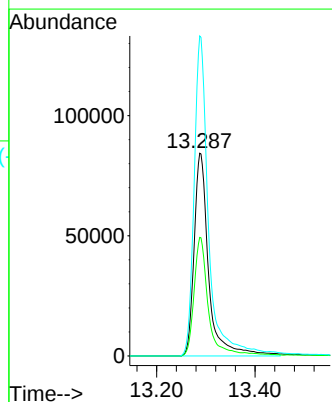
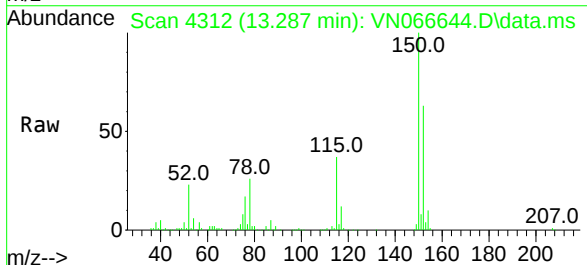
Instrument :
MSVOA_N
ClientSampled :
TP-4

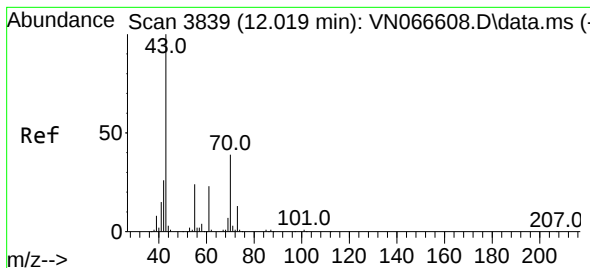
Tgt Ion:173 Resp: 518
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

Tgt Ion:152 Resp: 174064
Ion Ratio Lower Upper
152 100
115 55.6 28.5 85.6
150 154.8 0.0 347.6

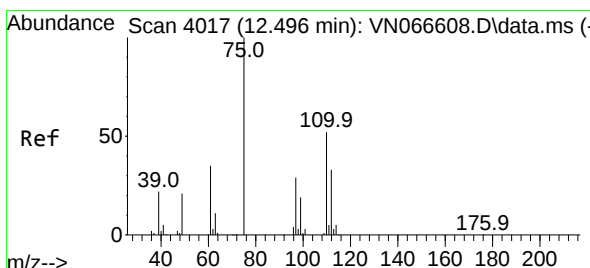
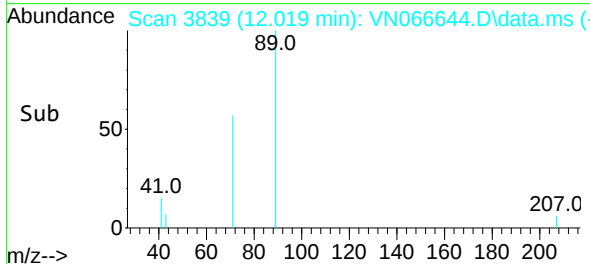
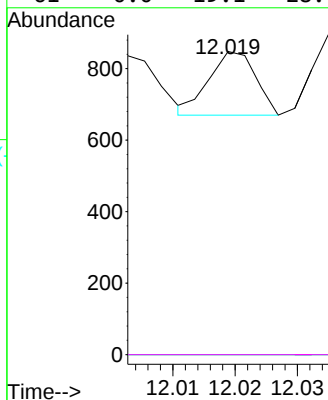
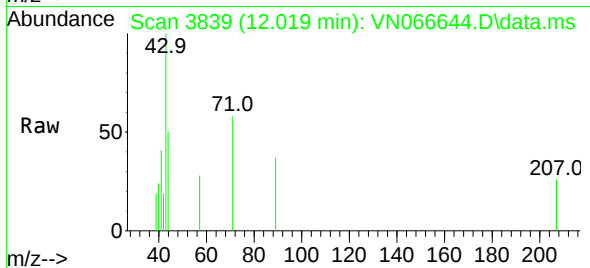




#74
N-amy1 acetate
Concen: 9.74 ug/l
RT: 12.019 min Scan# 3839
Delta R.T. -0.000 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

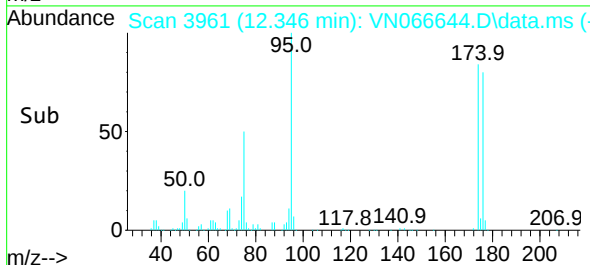
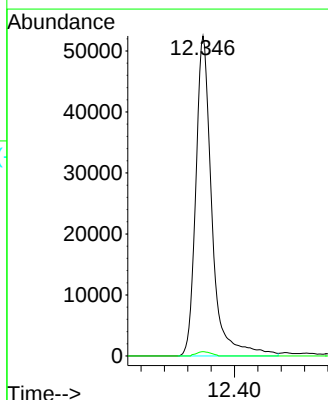
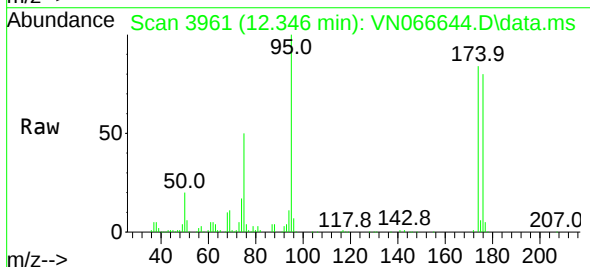
Instrument :
MSVOA_N
ClientSampled :
TP-4

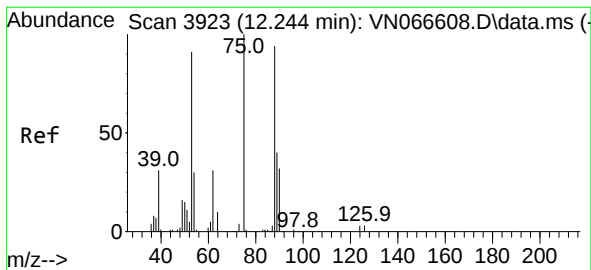
Tgt Ion: 43	Resp: 93
Ion Ratio	Lower Upper
43	100
70	0.0 34.4 51.6#
55	0.0 20.7 31.1#
61	0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 24.66 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066644.D
Acq: 16 Apr 2021 22:27

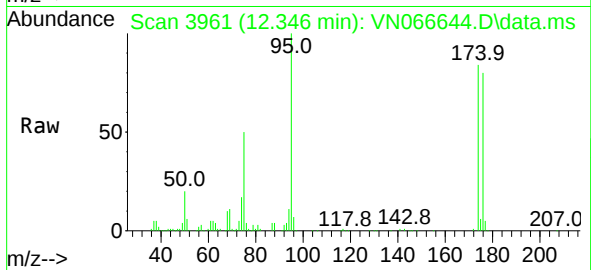
Tgt Ion: 75	Resp: 100375
Ion Ratio	Lower Upper
75	100
77	1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.18 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066644.D
 Acq: 16 Apr 2021 22:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4



Tgt Ion: 75 Resp: 100375
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.1 35.8 53.8#

