

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066841.D
 Acq On : 29 Apr 2021 3:42
 Operator : JC/MD
 Sample : M2137-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:34:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

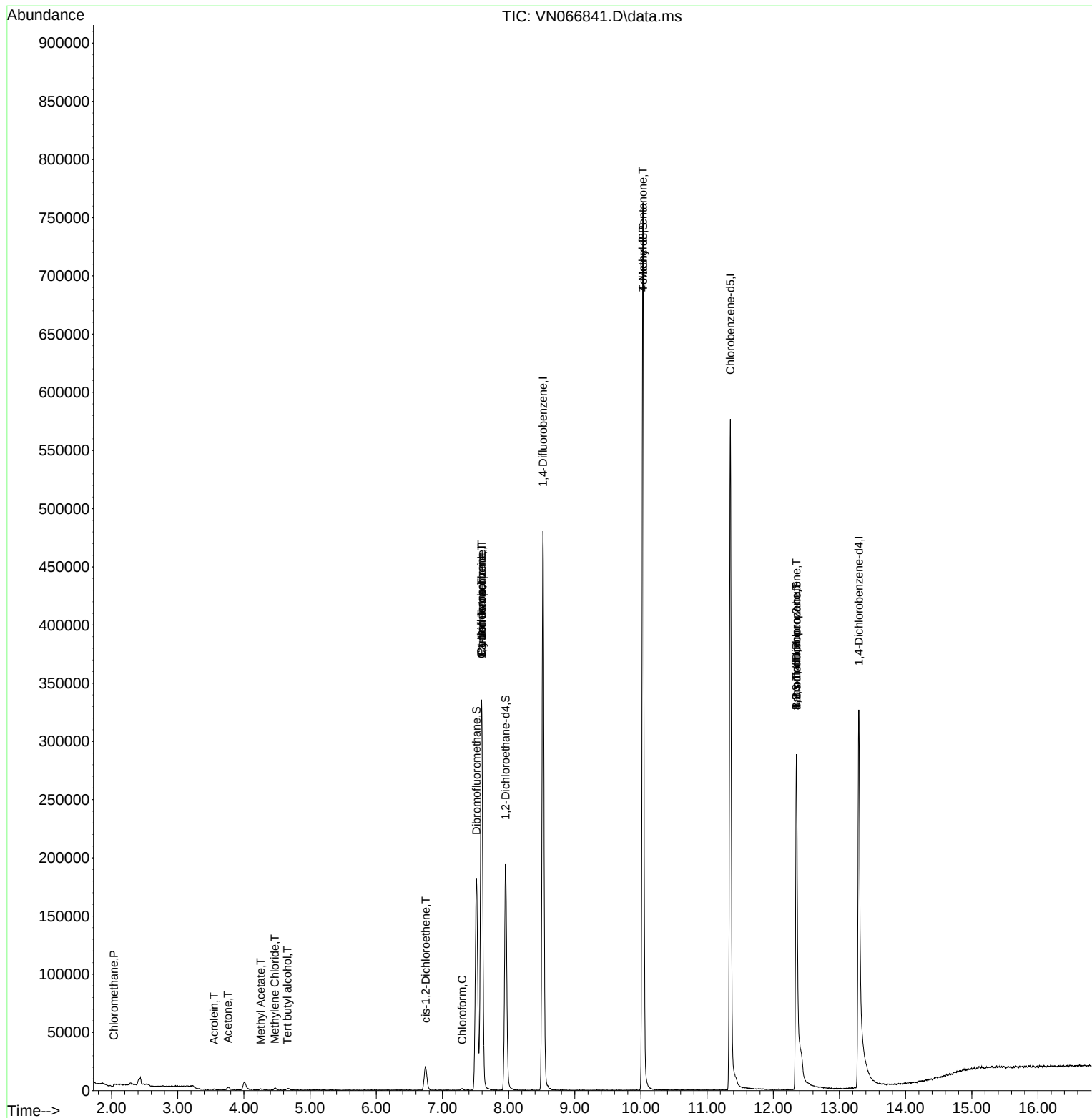
Internal Standards						
1) Pentafluorobenzene	7.591	168	306442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	459401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	385664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	156936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	166707	42.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.68%		
35) Dibromofluoromethane	7.516	113	147827	52.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.26%		
50) Toluene-d8	10.032	98	550166	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	12.349	95	150307	39.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	79.82%		
Target Compounds						
						Qvalue
3) Chloromethane	2.034	50	916	0.21	ug/l	89
11) Tert butyl alcohol	4.660	59	641	1.06	ug/l #	73
13) Acrolein	3.547	56	408	0.80	ug/l	87
16) Acetone	3.759	43	4280	2.88	ug/l	98
18) Methyl Acetate	4.252	43	868	1.33	ug/l #	69
20) Methylene Chloride	4.467	84	1255	0.33	ug/l #	71
27) cis-1,2-Dichloroethene	6.746	96	11937	3.13	ug/l	91
30) Chloroform	7.299	83	1808	0.29	ug/l #	77
31) Cyclohexane	7.591	56	4581	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	20011	4.69	ug/l #	47
38) Carbon Tetrachloride	7.594	117	25164	6.15	ug/l #	18
51) 4-Methyl-2-Pentanone	10.029	43	1808	0.46	ug/l #	1
71) Bromoform	12.349	173	748	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	68126	20.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	68126	56.48	ug/l #	12

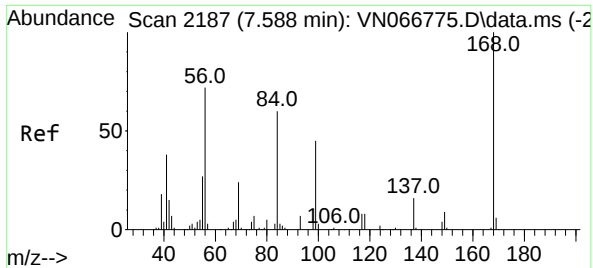
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

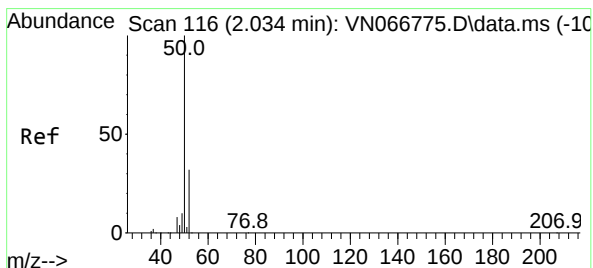
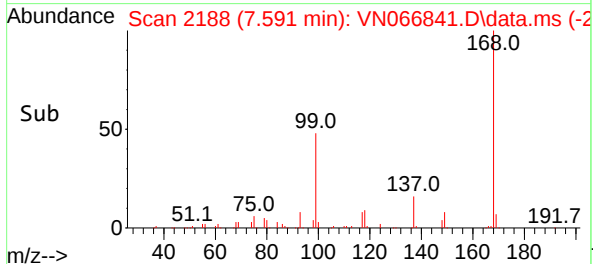
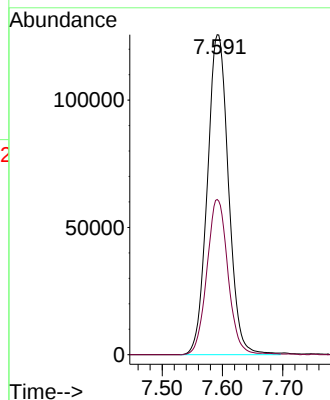
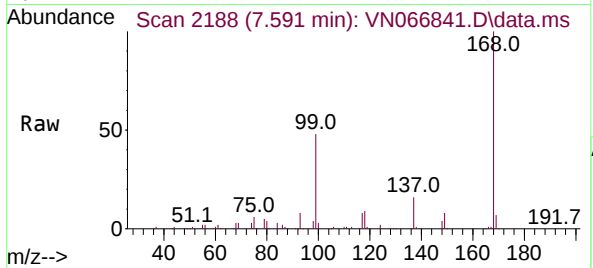




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

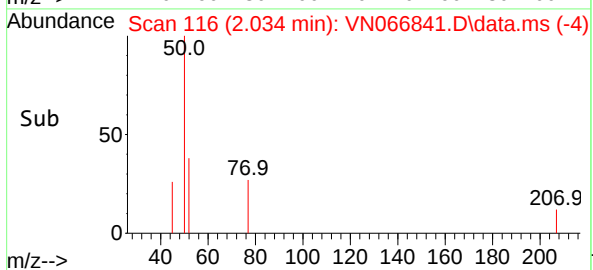
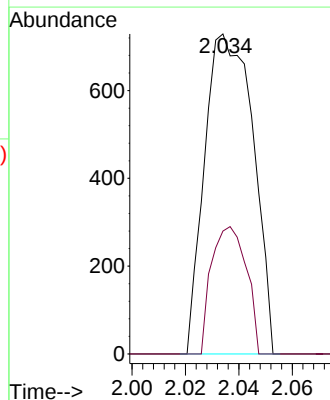
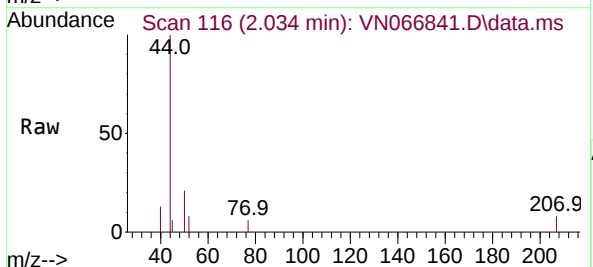
Instrument :
MSVOA_N
ClientSampled :

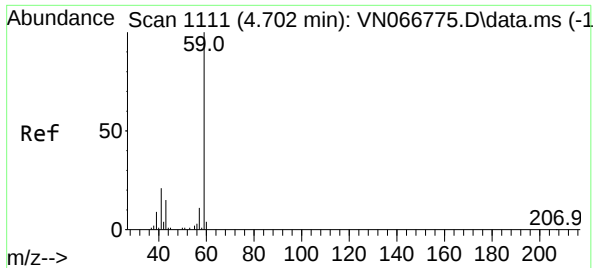
Tgt Ion:168 Resp: 306442
Ion Ratio Lower Upper
168 100
99 48.5 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

Tgt Ion: 50 Resp: 916
Ion Ratio Lower Upper
50 100
52 38.4 25.8 38.8

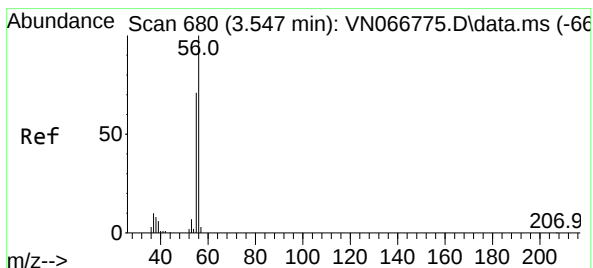
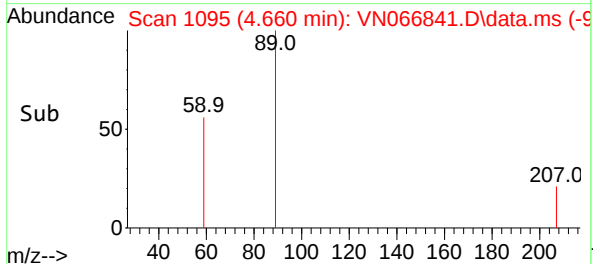
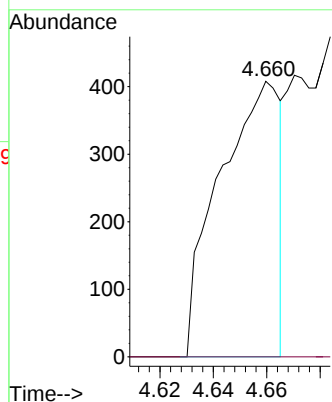
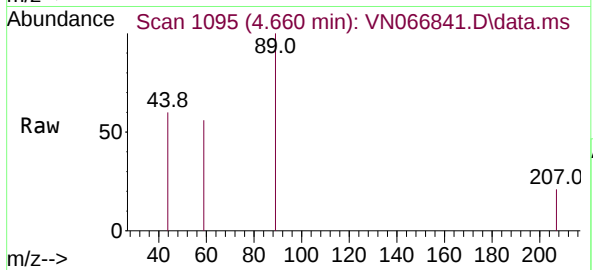




#11
Tert butyl alcohol
Concen: 1.06 ug/l
RT: 4.660 min Scan# 1095
Delta R.T. -0.042 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

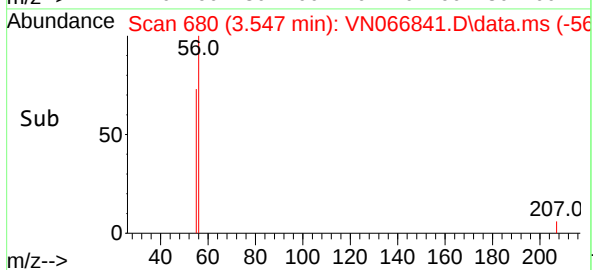
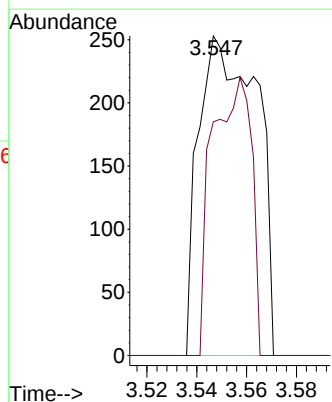
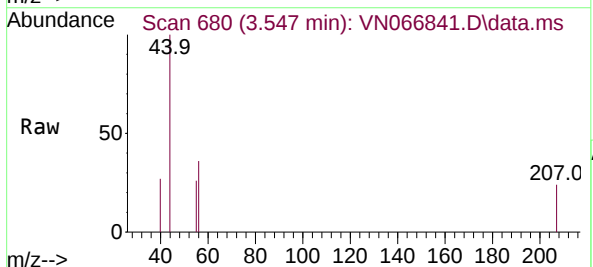
Instrument :
MSVOA_N
ClientSampled :

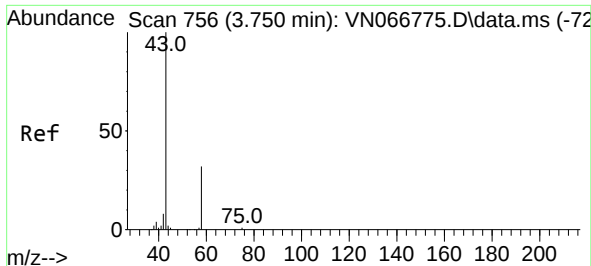
Tgt Ion: 59 Resp: 641
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 0.80 ug/l
RT: 3.547 min Scan# 680
Delta R.T. -0.000 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

Tgt Ion: 56 Resp: 408
Ion Ratio Lower Upper
56 100
55 59.1 56.0 84.0

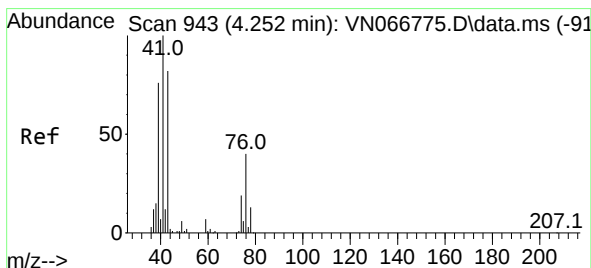
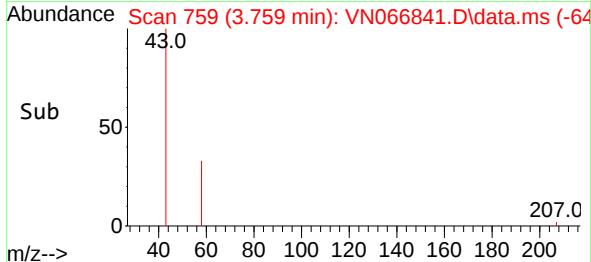
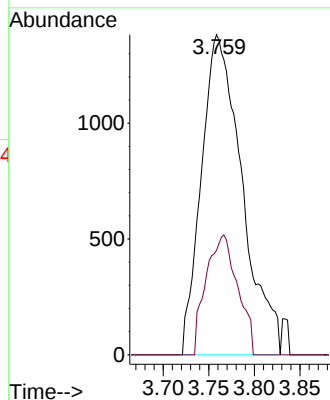
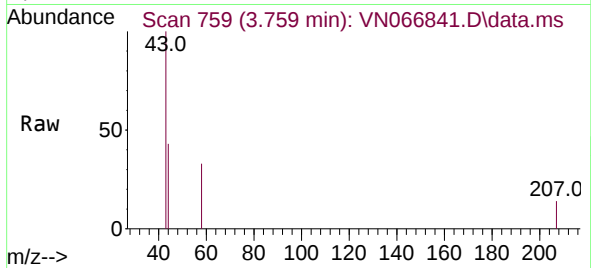




#16
Acetone
Concen: 2.88 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

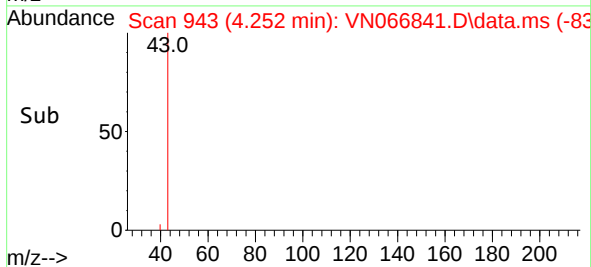
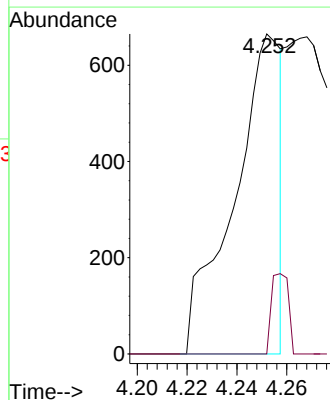
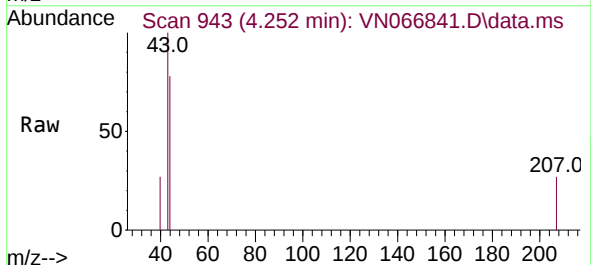
Instrument :
MSVOA_N
ClientSampled :

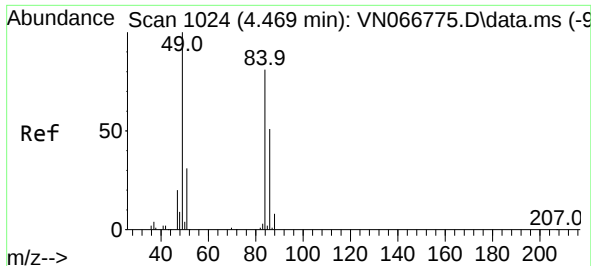
Tgt Ion: 43 Resp: 4280
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.6



#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 4.252 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

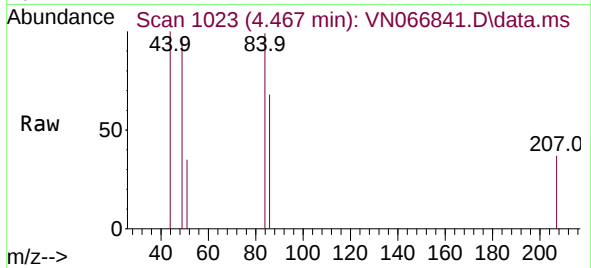
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
74 9.1 19.5 29.3#



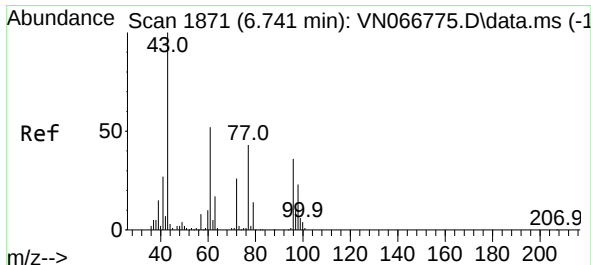
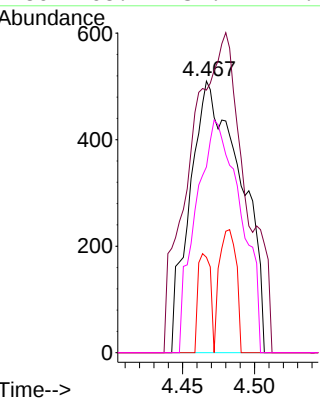
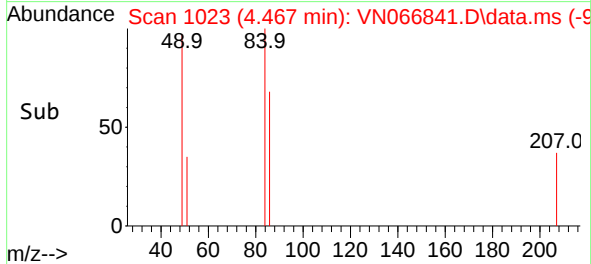


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 4.467 min Scan# 1023
Delta R.T. -0.002 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

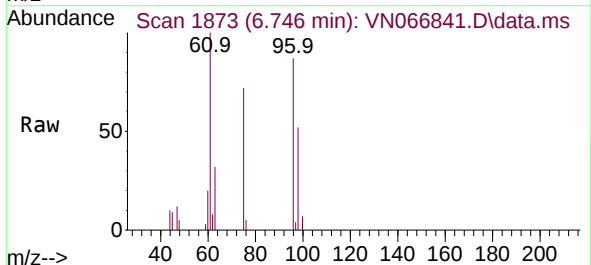
Instrument :
MSVOA_N
ClientSampleId :



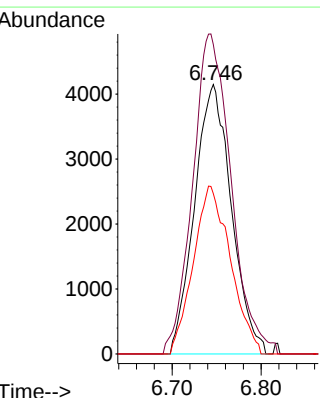
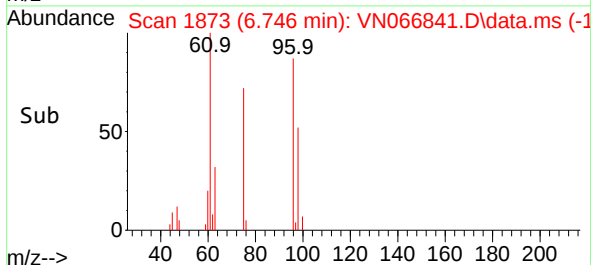
Tgt Ion: 84	Resp: 1255
Ion Ratio	Lower Upper
84 100	
49 62.4	94.6 141.8#
51 35.1	29.9 44.9
86 68.4	51.4 77.2

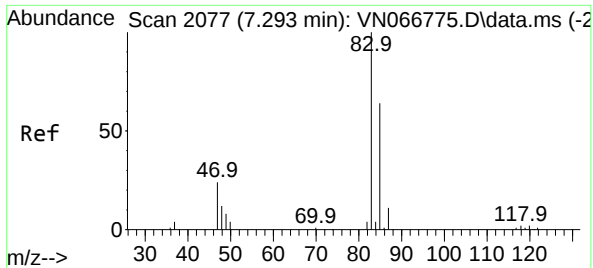


#27
cis-1,2-Dichloroethene
Concen: 3.13 ug/l
RT: 6.746 min Scan# 1873
Delta R.T. 0.005 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42



Tgt Ion: 96	Resp: 11937
Ion Ratio	Lower Upper
96 100	
61 123.6	0.0 276.8
98 62.7	0.0 129.4





#30

Chloroform

Concen: 0.29 ug/l

RT: 7.299 min Scan# 2079

Delta R.T. 0.006 min

Lab File: VN066841.D

Acq: 29 Apr 2021 3:42

Tgt Ion: 83 Resp: 1808

Ion Ratio Lower Upper

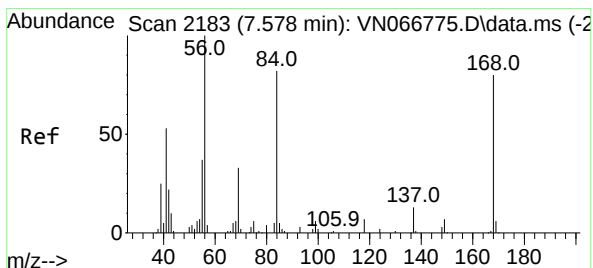
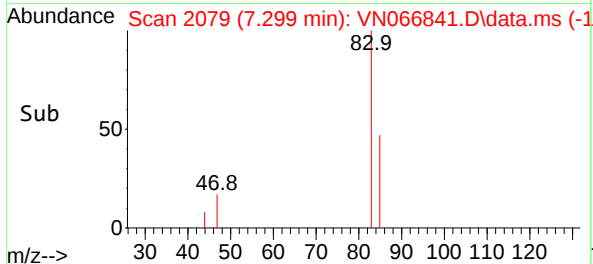
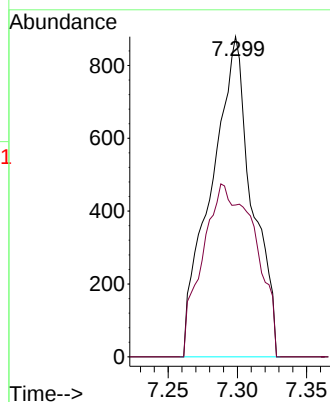
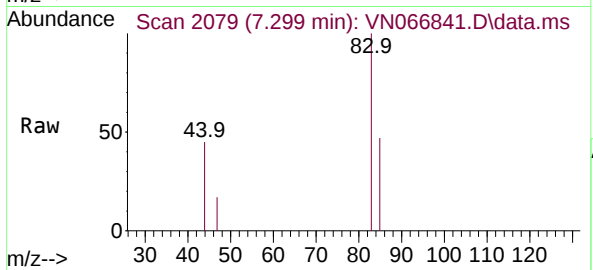
83 100

85 47.4 52.6 78.8#

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 0.75 ug/l

RT: 7.591 min Scan# 2188

Delta R.T. 0.013 min

Lab File: VN066841.D

Acq: 29 Apr 2021 3:42

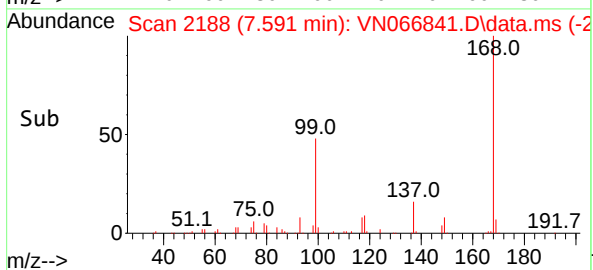
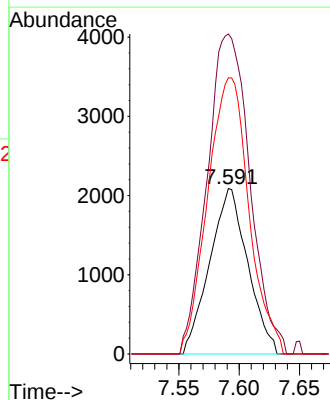
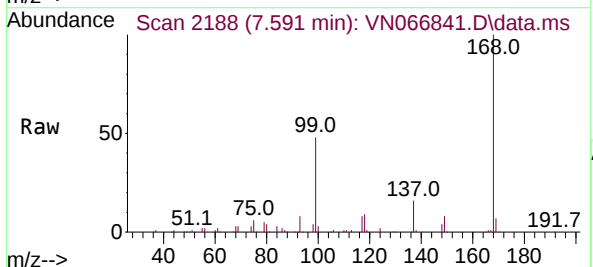
Tgt Ion: 56 Resp: 4581

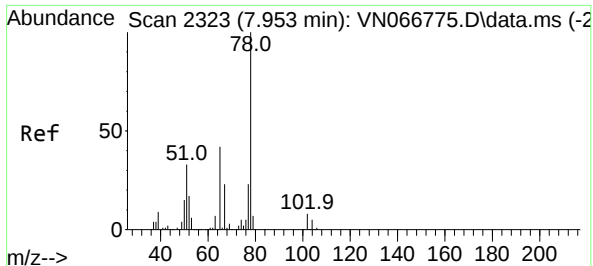
Ion Ratio Lower Upper

56 100

69 193.5 26.6 39.8#

84 167.0 70.4 105.6#

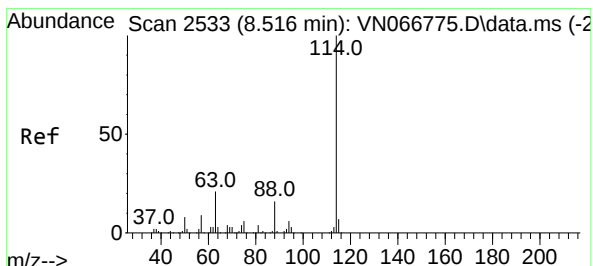
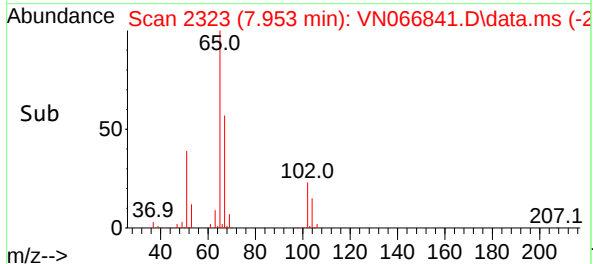
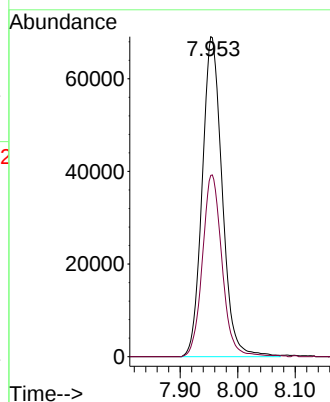
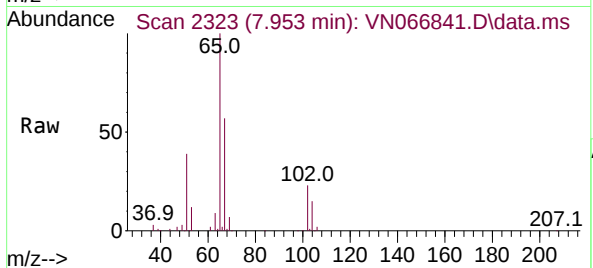




#33
1,2-Dichloroethane-d4
Concen: 42.34 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

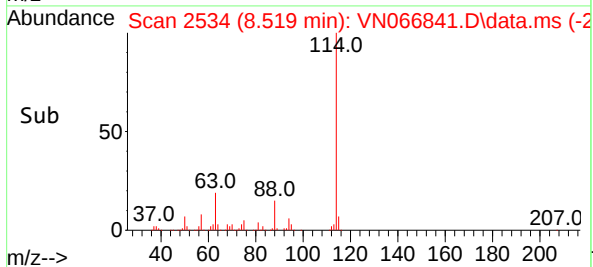
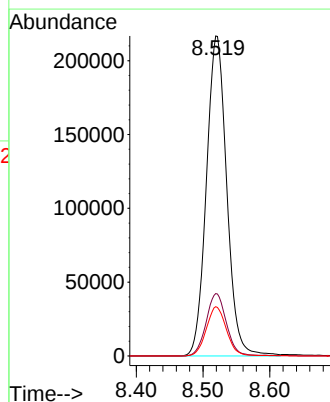
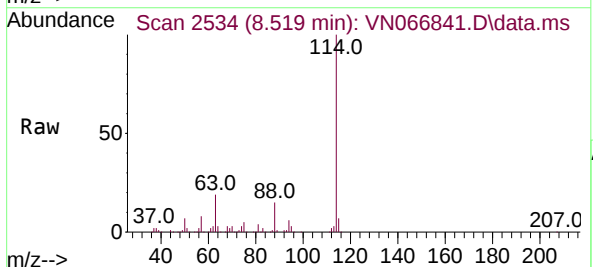
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ClientSampleId :

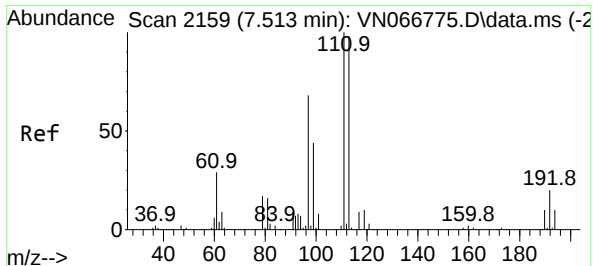
Tgt Ion: 65 Resp: 166707
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

Tgt Ion: 114 Resp: 459401
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.4 0.0 30.6

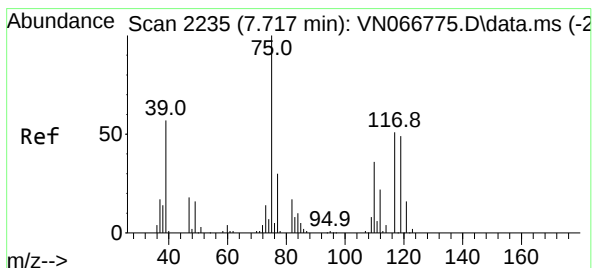
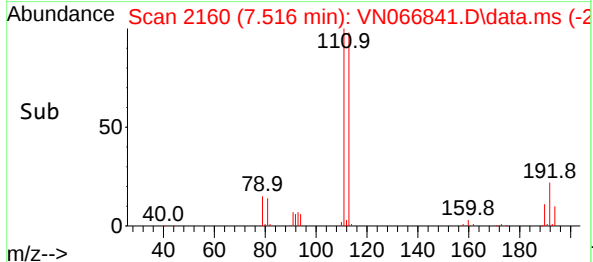
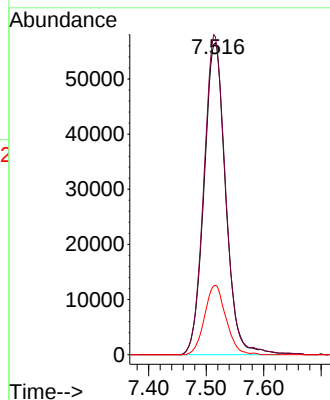
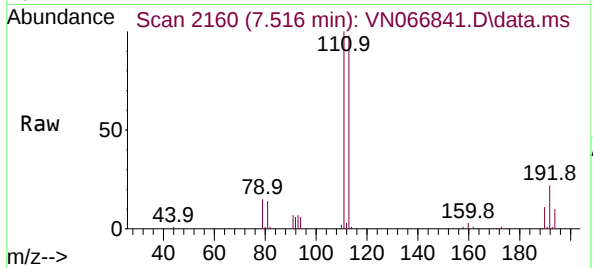




#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

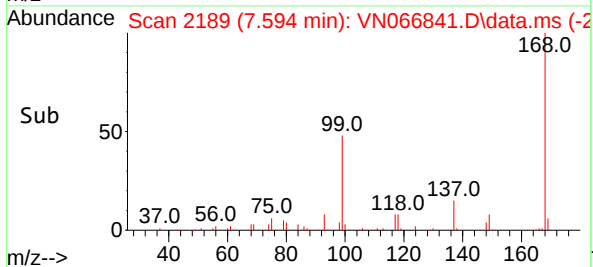
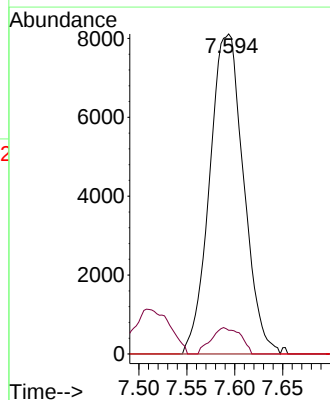
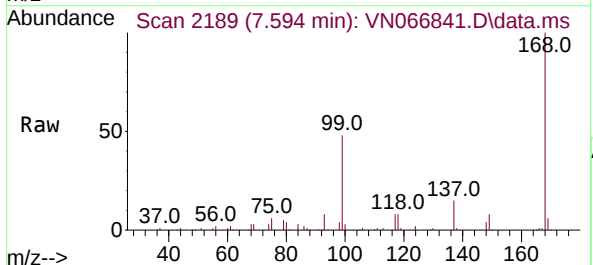
Instrument :
MSVOA_N
ClientSampled :

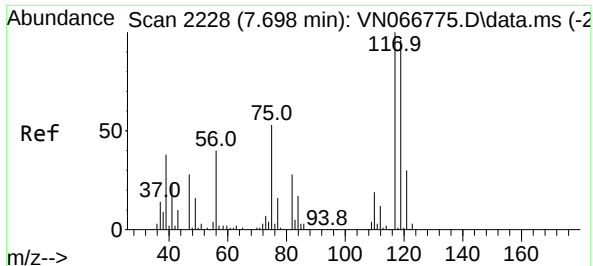
Tgt Ion:113 Resp: 147827
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.123 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

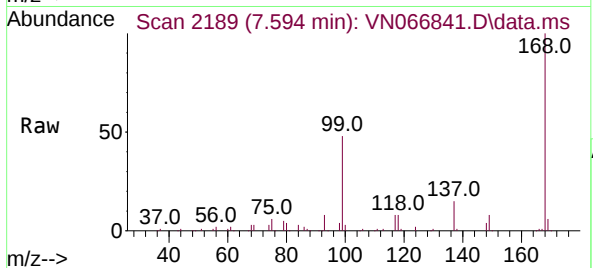
Tgt Ion: 75 Resp: 20011
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



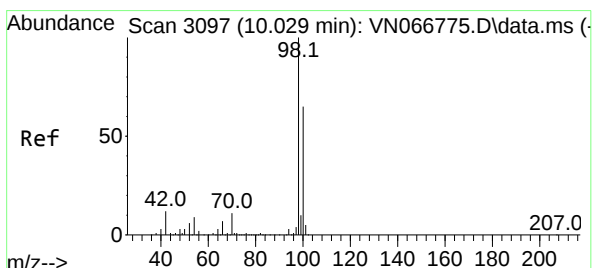
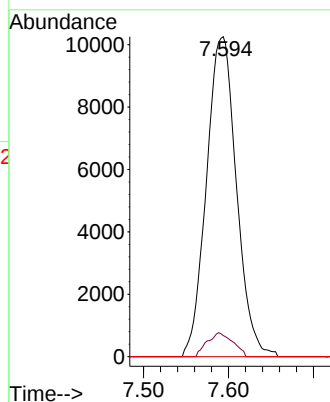
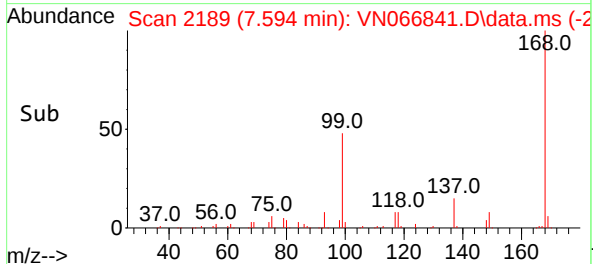


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

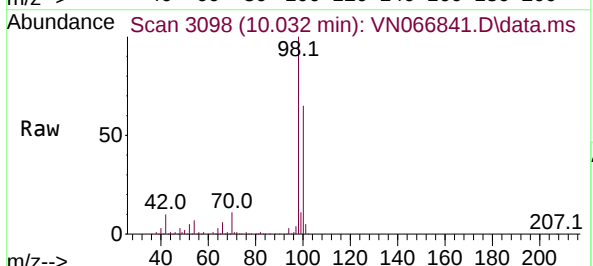
Instrument :
MSVOA_N
ClientSampled :



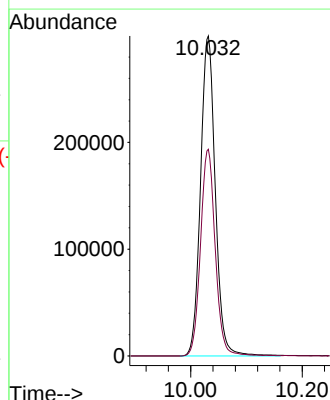
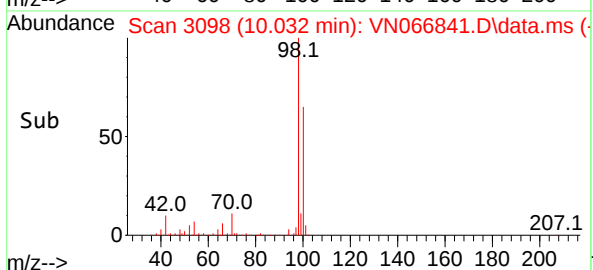
Tgt Ion:117 Resp: 25164
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#

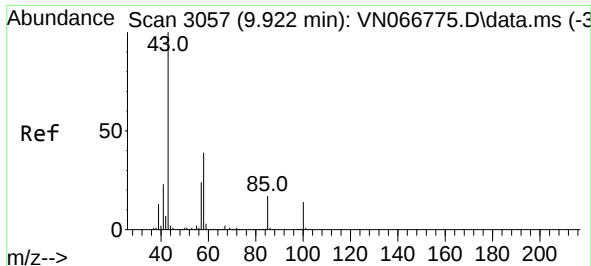


#50
Toluene-d8
Concen: 49.43 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42



Tgt Ion: 98 Resp: 550166
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

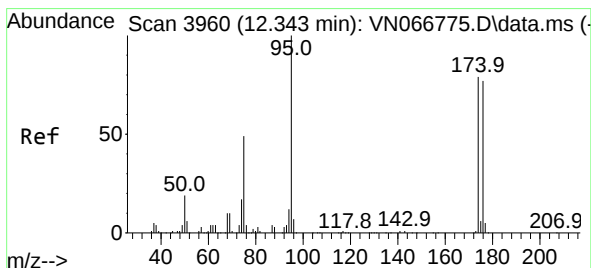
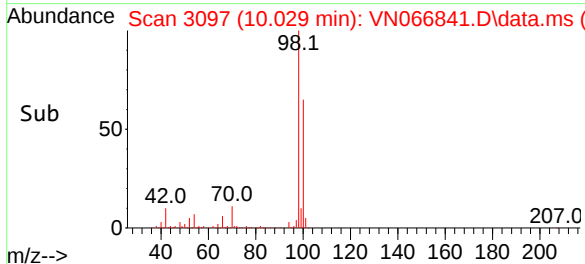
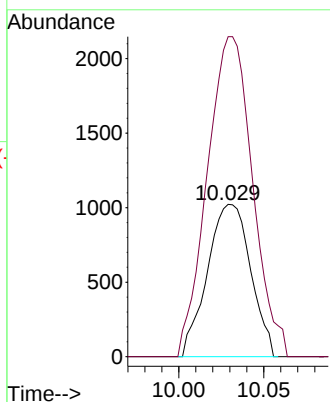
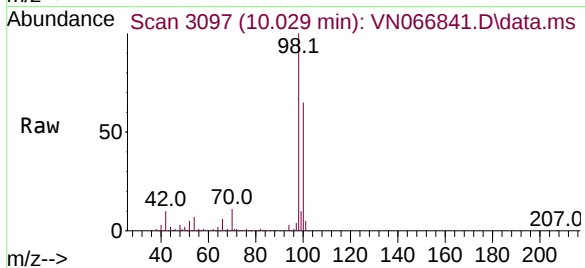




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

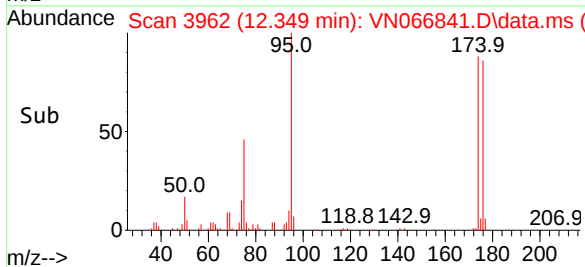
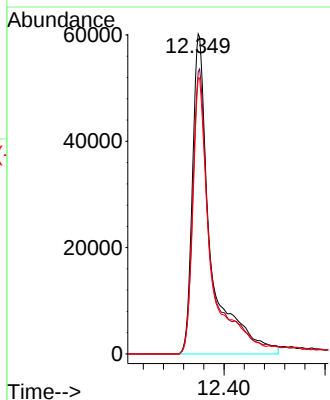
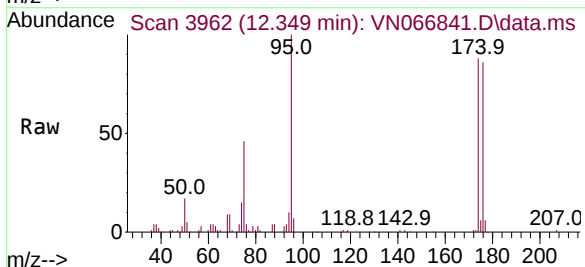
Instrument :
MSVOA_N
ClientSampled :

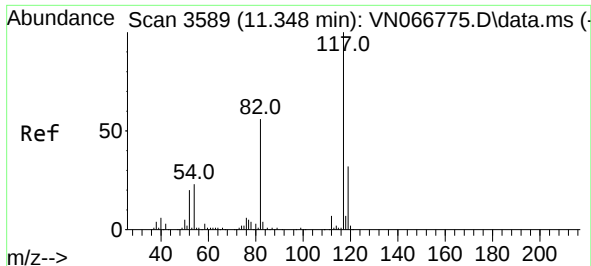
Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 220.3 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 39.91 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

Tgt Ion: 95 Resp: 150307
Ion Ratio Lower Upper
95 100
174 78.7 0.0 169.0
176 84.8 0.0 162.4

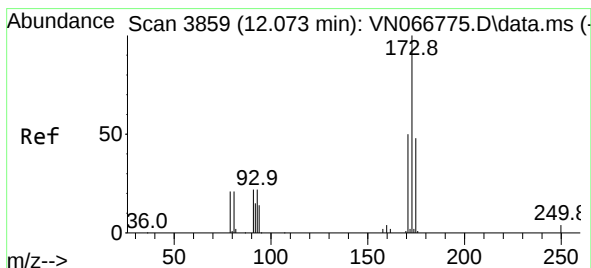
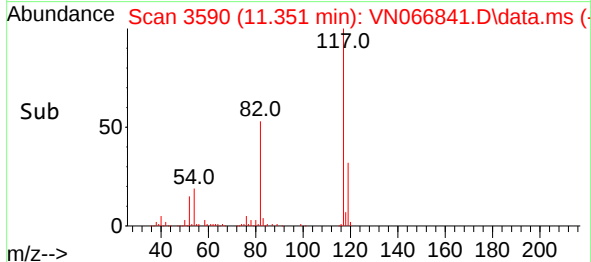
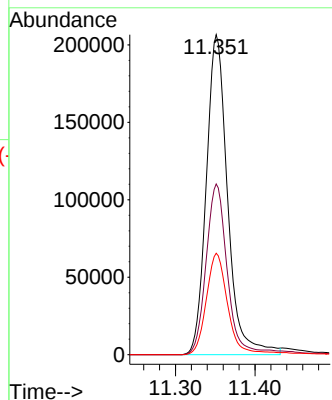
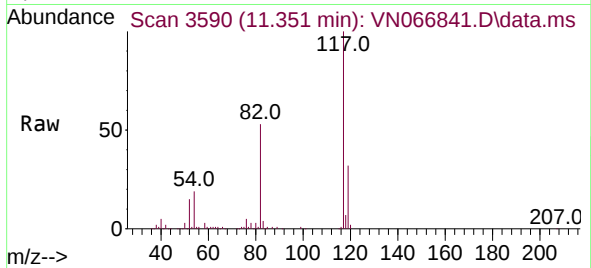




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

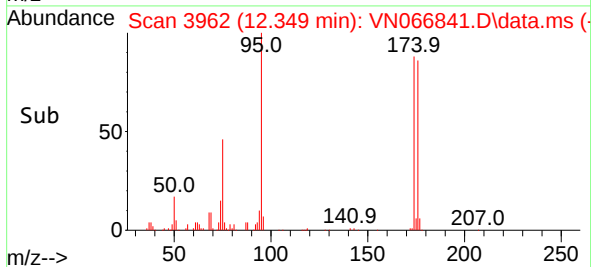
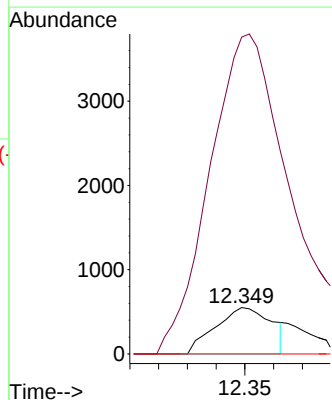
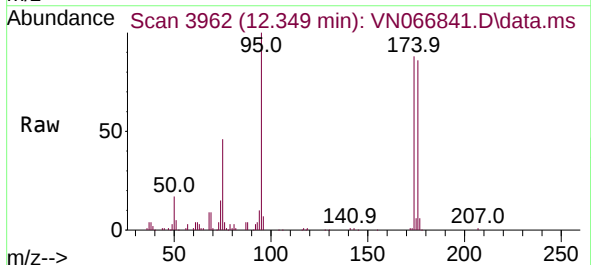
Instrument :
MSVOA_N
ClientSampled :

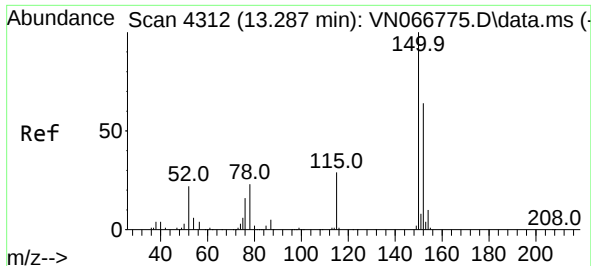
Tgt Ion:117 Resp: 385664
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.36 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

Tgt Ion:173 Resp: 748
Ion Ratio Lower Upper
173 100
175 777.3 23.8 71.2#
254 0.0 0.0 0.0

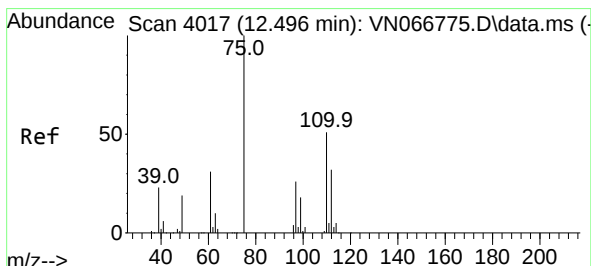
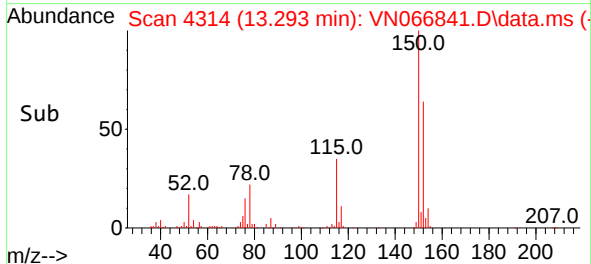
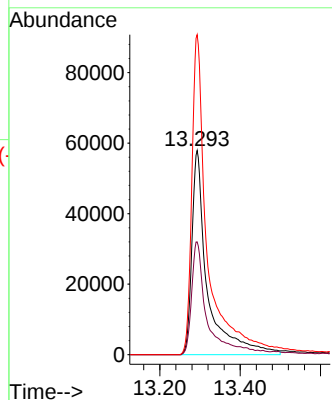
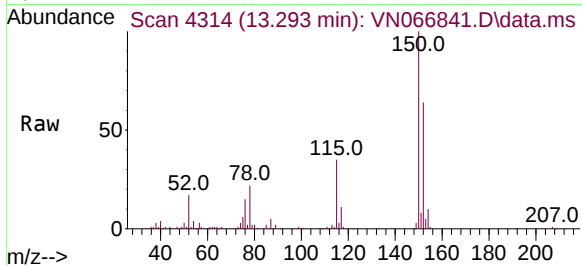




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

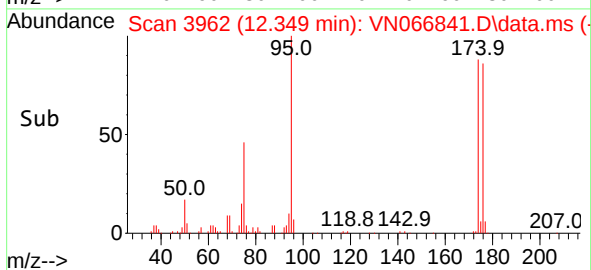
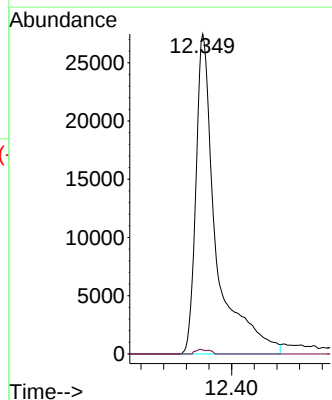
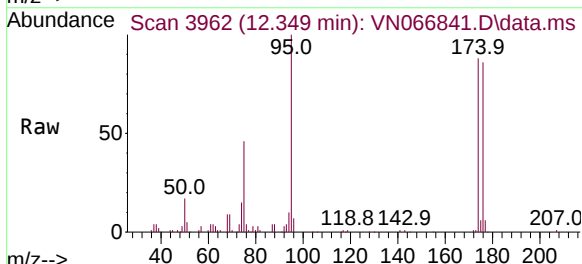
Instrument :
MSVOA_N
ClientSampled :

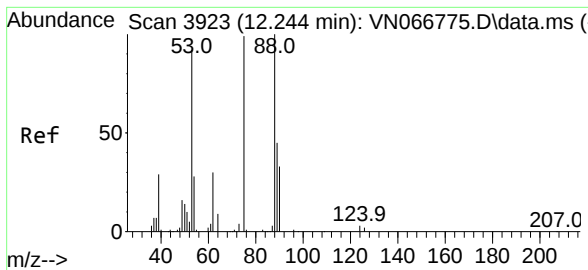
Tgt Ion:152 Resp: 156936
Ion Ratio Lower Upper
152 100
115 53.7 28.5 85.6
150 161.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 20.60 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066841.D
Acq: 29 Apr 2021 3:42

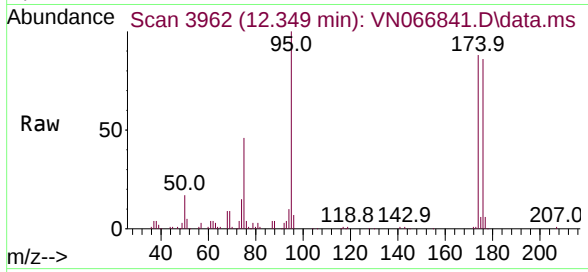
Tgt Ion: 75 Resp: 68126
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.48 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066841.D
 Acq: 29 Apr 2021 3:42

Instrument :
 MSVOA_N
 ClientSampleId :



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

