

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066886.D
 Acq On : 30 Apr 2021 1:41
 Operator : JC/MD
 Sample : M2137-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:18:58 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)

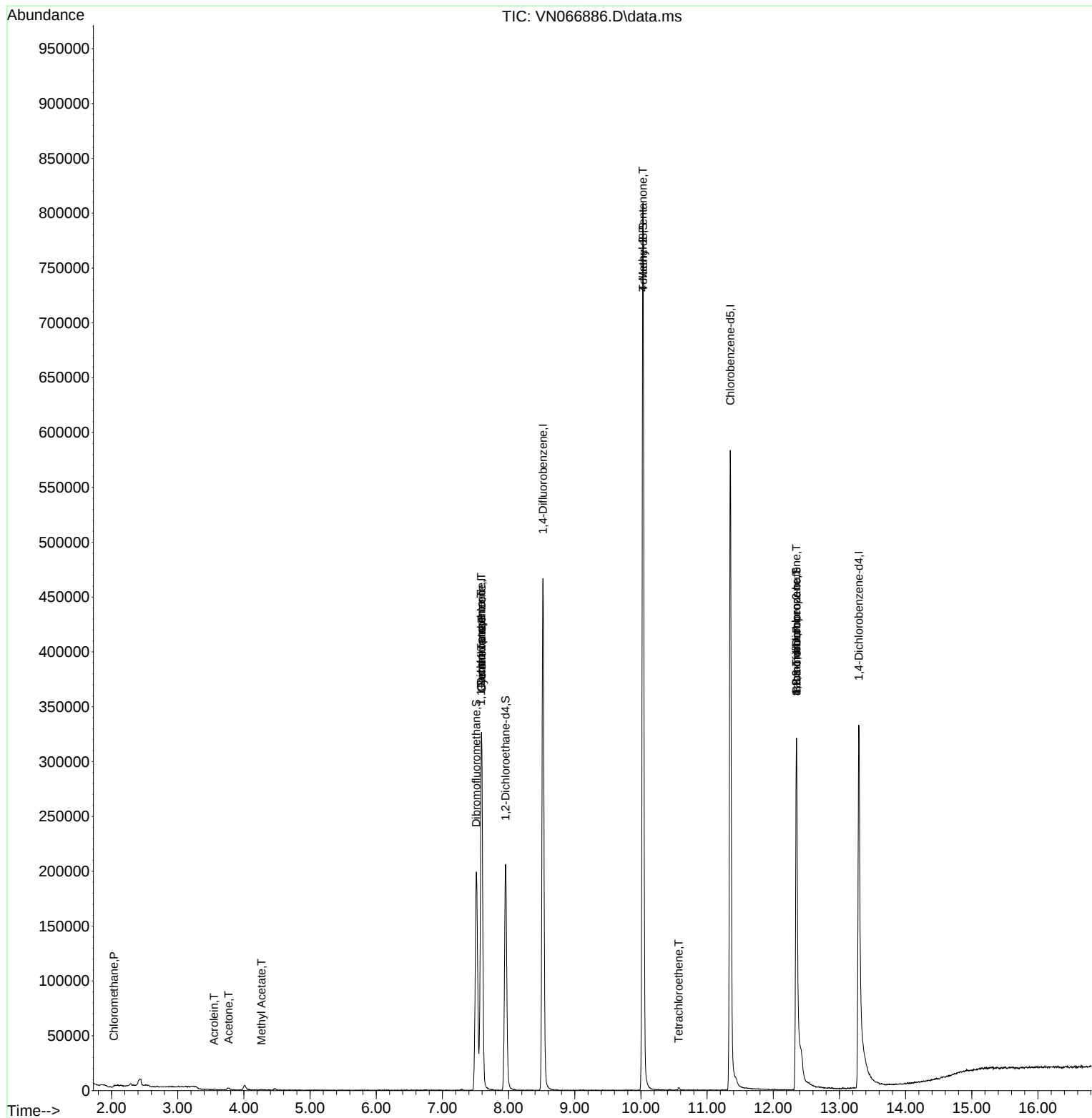
Internal Standards						
1) Pentafluorobenzene	7.591	168	295572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	449890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	401939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	158453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	177381	46.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.42%		
35) Dibromofluoromethane	7.513	113	160622	57.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	115.68%		
50) Toluene-d8	10.031	98	592004	54.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.62%		
62) 4-Bromofluorobenzene	12.349	95	167086	45.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.60%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	861	0.20	ug/l	92
13) Acrolein	3.546	56	394	0.81	ug/l #	38
16) Acetone	3.766	43	3490	2.44	ug/l	97
18) Methyl Acetate	4.265	43	1050	1.38	ug/l #	51
31) Cyclohexane	7.594	56	4445	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.586	75	18862	4.51	ug/l #	48
38) Carbon Tetrachloride	7.588	117	24685	6.16	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2113	0.55	ug/l #	1
64) Tetrachloroethene	10.571	164	675	0.25	ug/l #	80
71) Bromoform	12.351	173	936	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	77229	23.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	77229	62.53	ug/l #	12

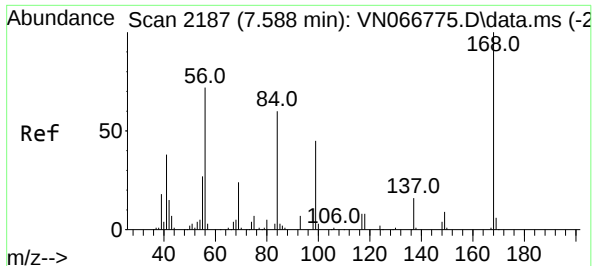
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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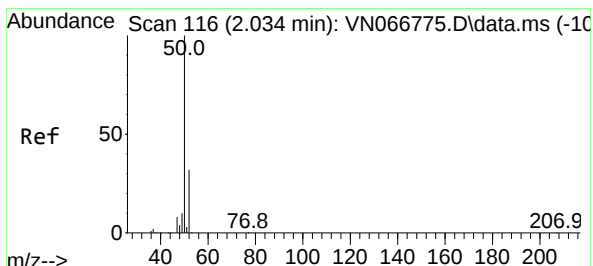
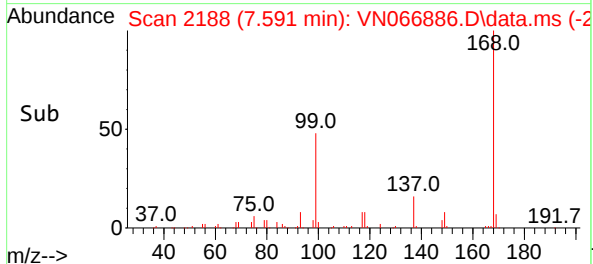
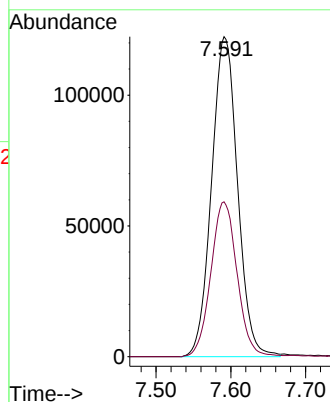
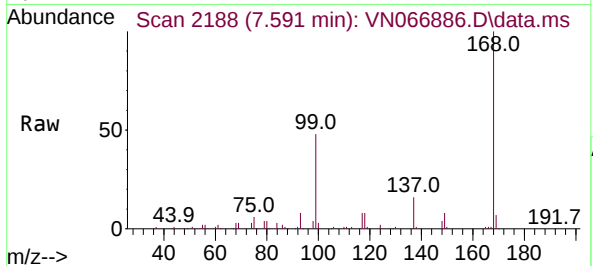




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

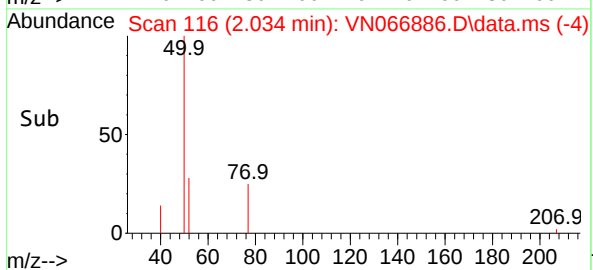
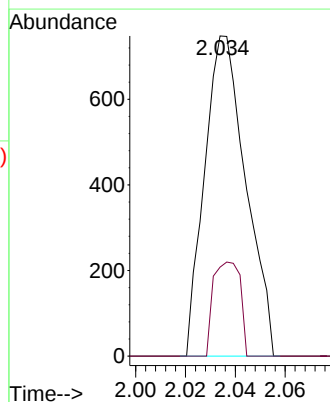
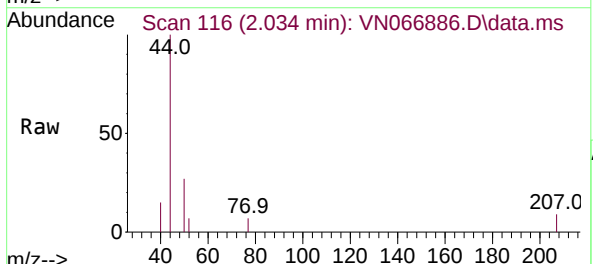
Instrument :
MSVOA_N
ClientSampled :

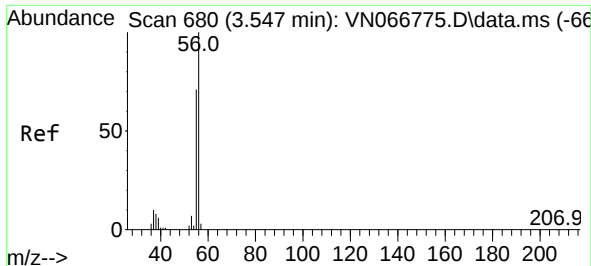
Tgt Ion:168 Resp: 295572
Ion Ratio Lower Upper
168 100
99 48.4 42.6 63.8



#3
Chloromethane
Concen: 0.20 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

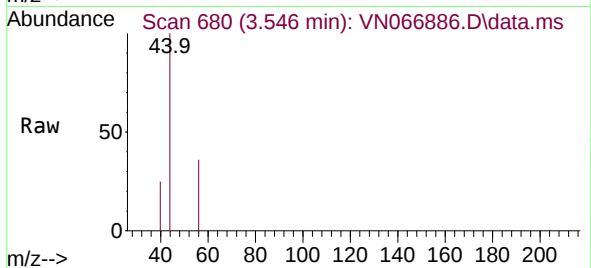
Tgt Ion: 50 Resp: 861
Ion Ratio Lower Upper
50 100
52 27.8 25.8 38.8



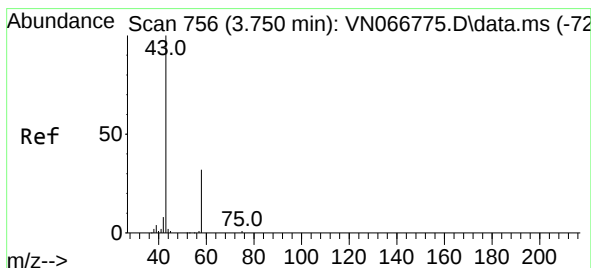
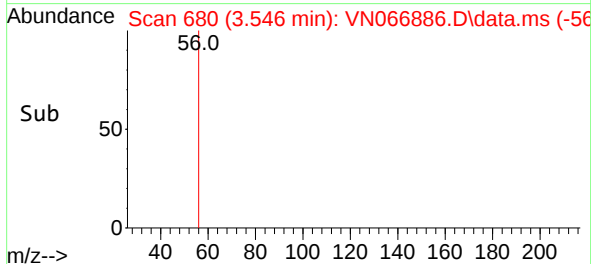
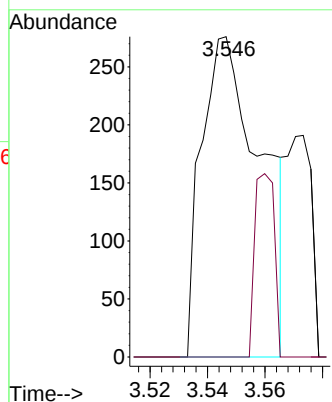


#13
Acrolein
Concen: 0.81 ug/l
RT: 3.546 min Scan# 680
Delta R.T. -0.001 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

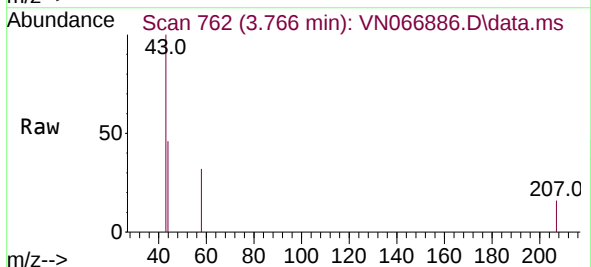
Instrument :
MSVOA_N
ClientSampled :



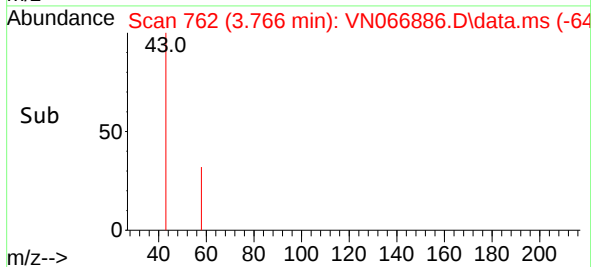
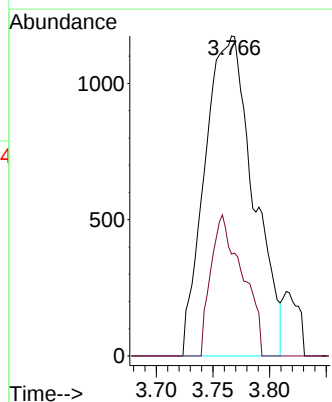
Tgt Ion: 56 Resp: 394
Ion Ratio Lower Upper
56 100
55 18.8 56.0 84.0#

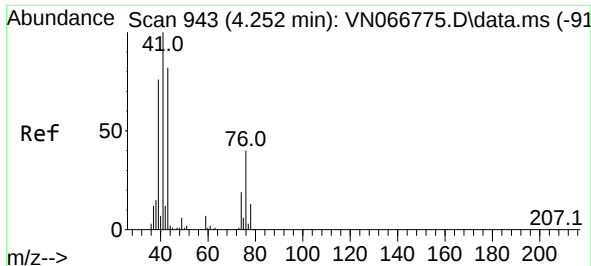


#16
Acetone
Concen: 2.44 ug/l
RT: 3.766 min Scan# 762
Delta R.T. 0.016 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41



Tgt Ion: 43 Resp: 3490
Ion Ratio Lower Upper
43 100
58 31.9 27.0 40.6





#18

Methyl Acetate

Concen: 1.38 ug/l

RT: 4.265 min Scan# 948

Delta R.T. 0.013 min

Lab File: VN066886.D

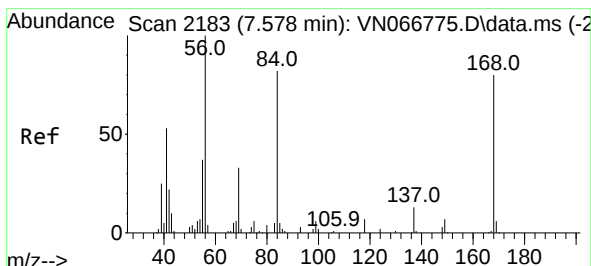
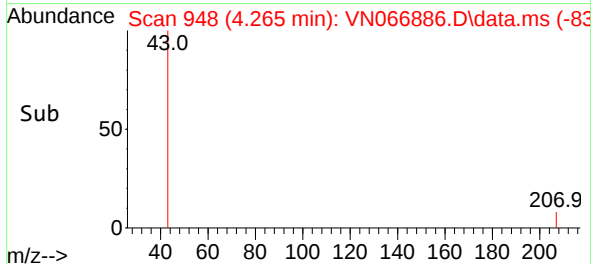
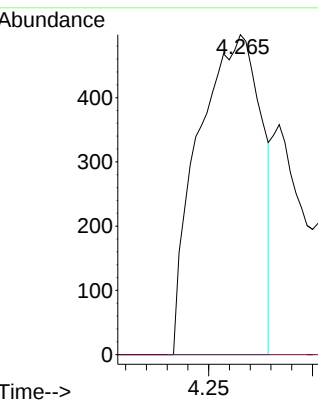
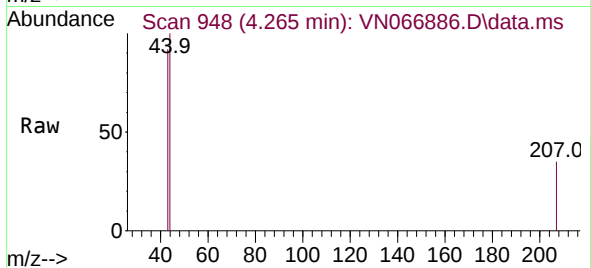
Acq: 30 Apr 2021 1:41

Tgt Ion: 43 Resp: 1050

Ion Ratio Lower Upper

43 100
74 0.0 19.5 29.3#

Instrument :
MSVOA_N
ClientSampled :



#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.594 min Scan# 2189

Delta R.T. 0.016 min

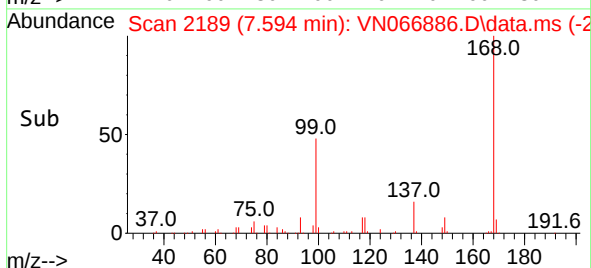
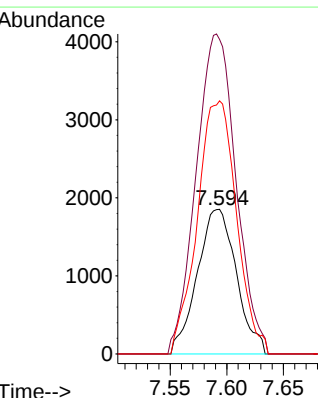
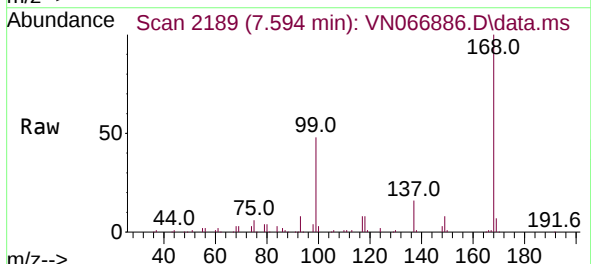
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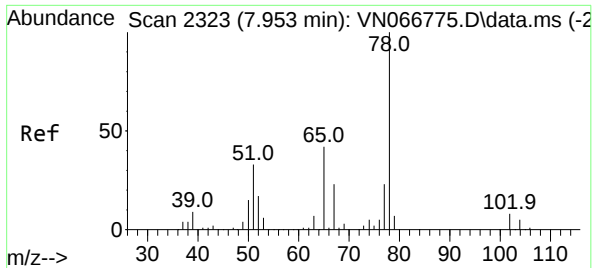
Acq: 30 Apr 2021 1:41

Tgt Ion: 56 Resp: 4445

Ion Ratio Lower Upper

56 100
69 217.5 26.6 39.8#
84 175.1 70.4 105.6#

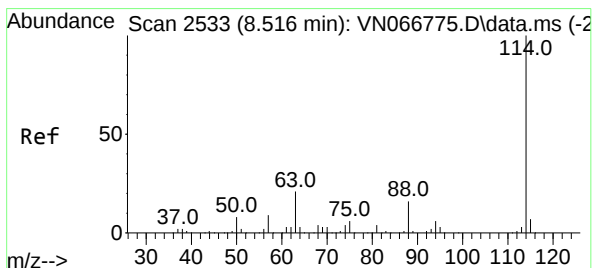
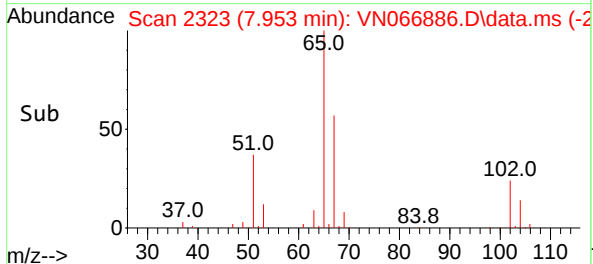
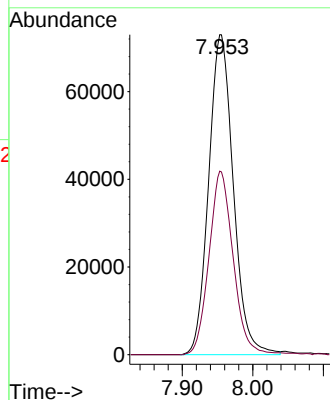
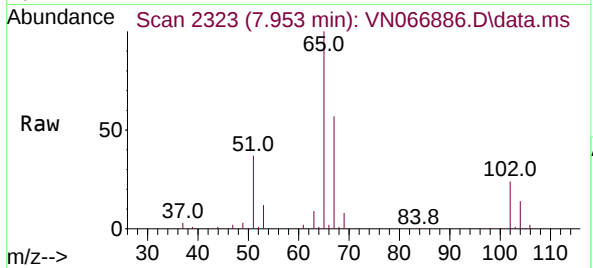




#33
 1,2-Dichloroethane-d4
 Concen: 46.71 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. -0.000 min
 Lab File: VN066886.D
 Acq: 30 Apr 2021 1:41

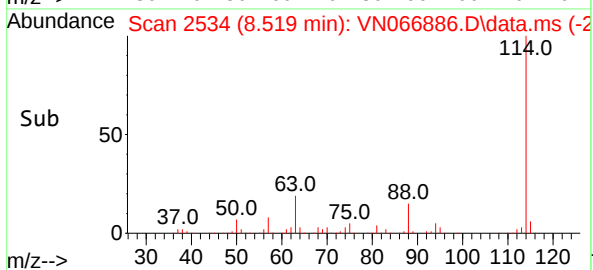
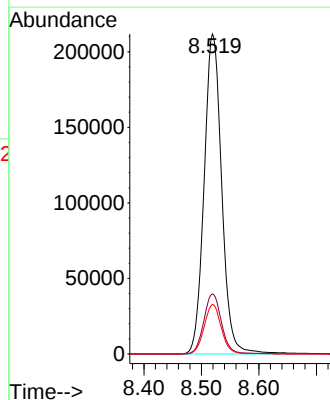
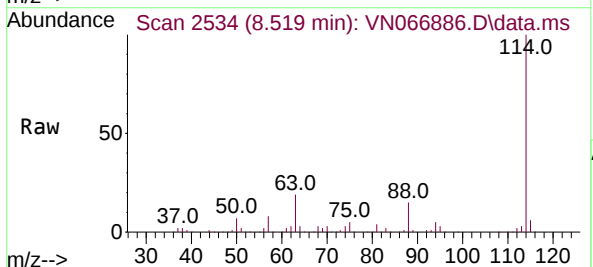
Instrument :
 MSVOA_N
 ClientSampled :

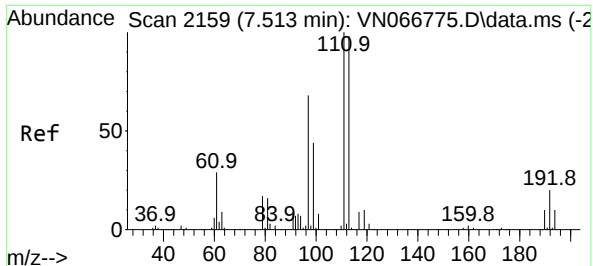
Tgt Ion: 65 Resp: 177381
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066886.D
 Acq: 30 Apr 2021 1:41

Tgt Ion: 114 Resp: 449890
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.5 0.0 30.6

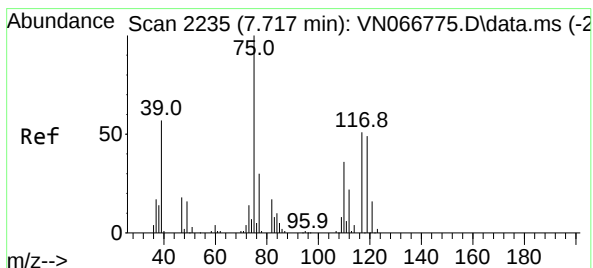
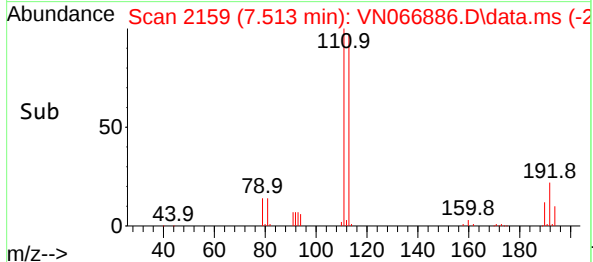
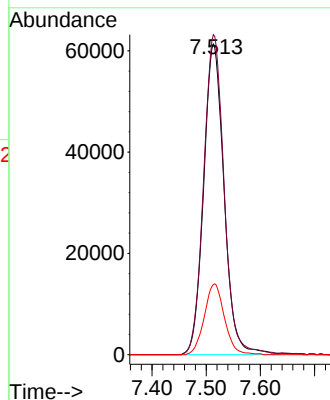
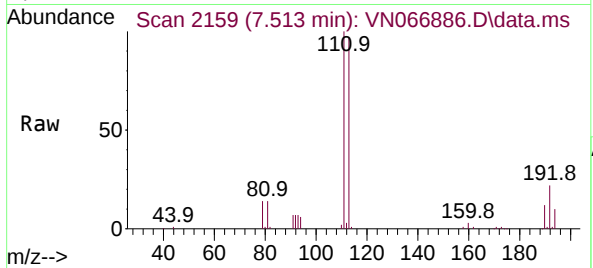




#35
Dibromofluoromethane
Concen: 57.84 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

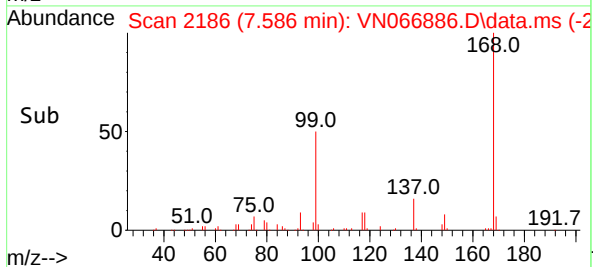
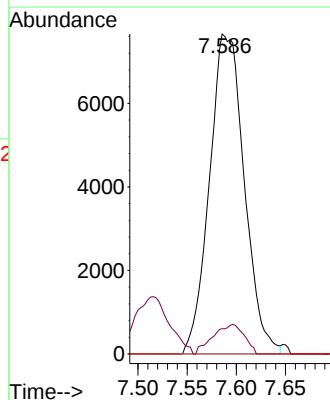
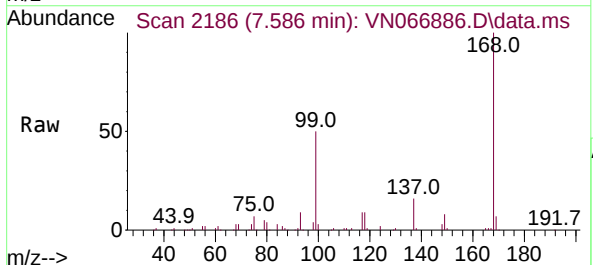
Instrument :
MSVOA_N
ClientSampleId :

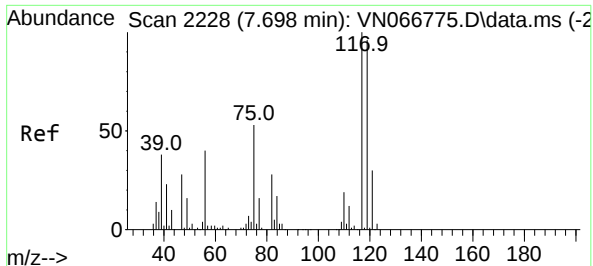
Tgt Ion:113 Resp: 160622
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 22.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.131 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

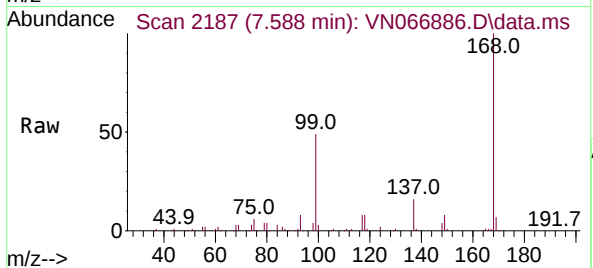
Tgt Ion: 75 Resp: 18862
Ion Ratio Lower Upper
75 100
110 8.3 18.2 54.6#
77 0.0 24.9 37.3#



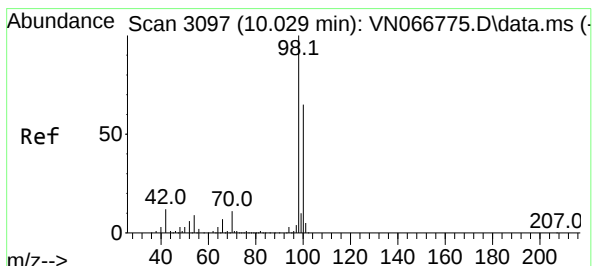
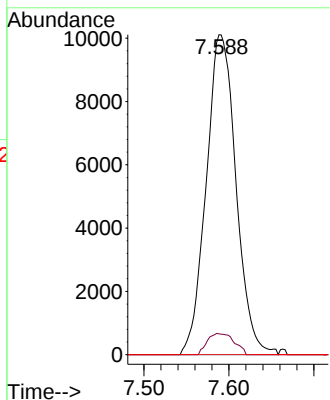
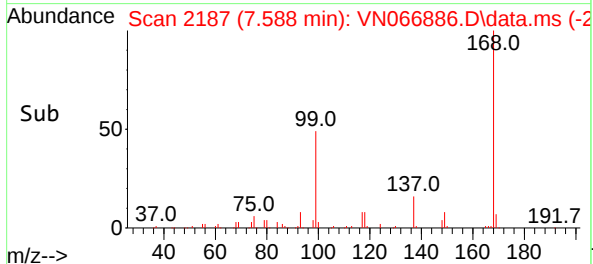


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

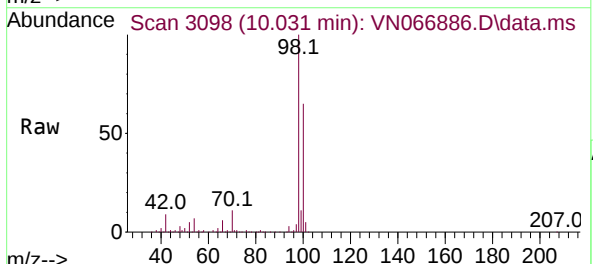
Instrument :
MSVOA_N
ClientSampled :



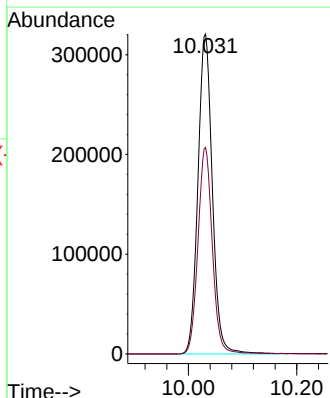
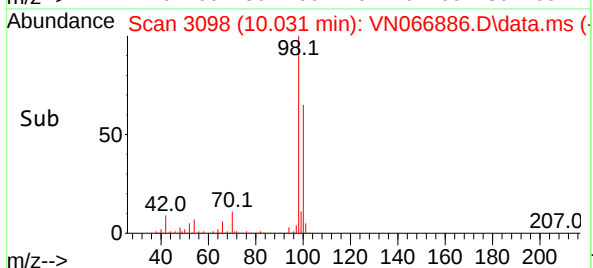
Tgt Ion:117 Resp: 24685
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

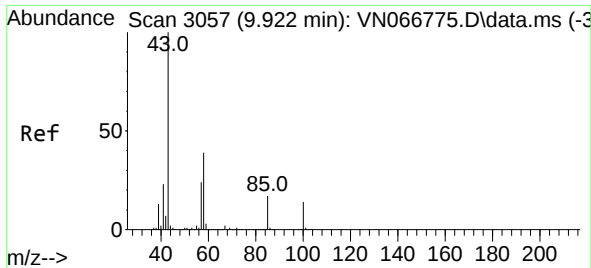


#50
Toluene-d8
Concen: 54.31 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41



Tgt Ion: 98 Resp: 592004
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

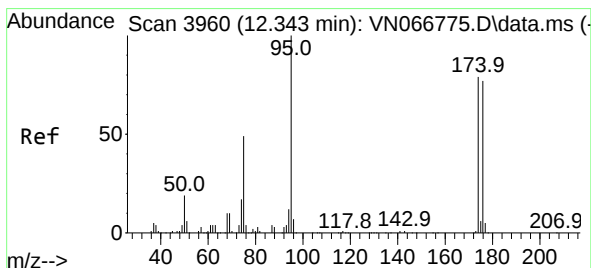
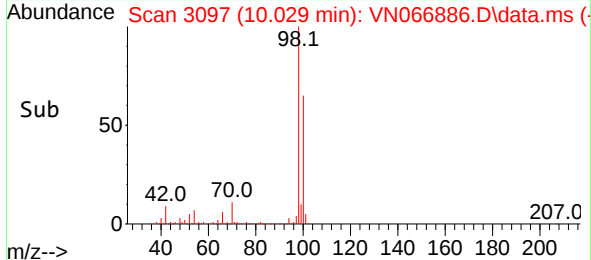
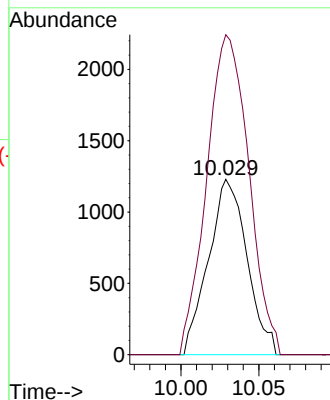
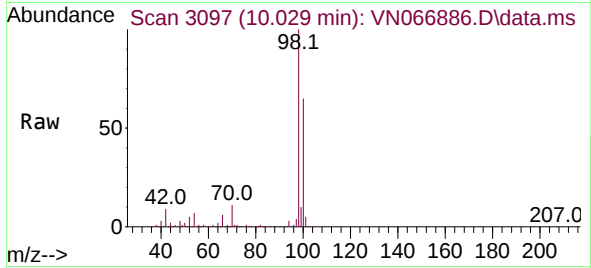




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

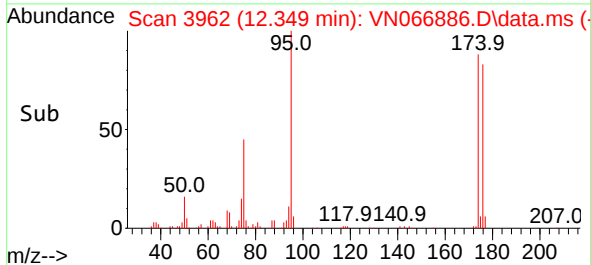
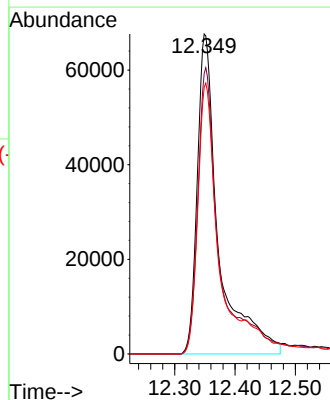
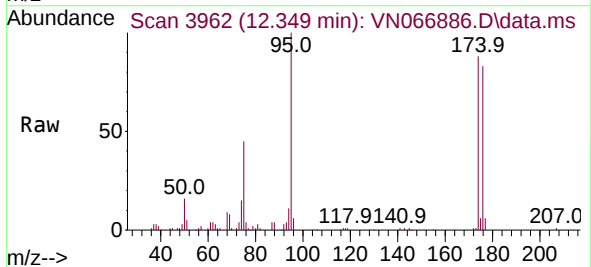
Instrument :
MSVOA_N
ClientSampled :

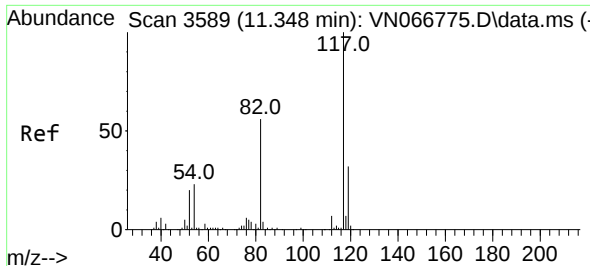
Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
58 199.3 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

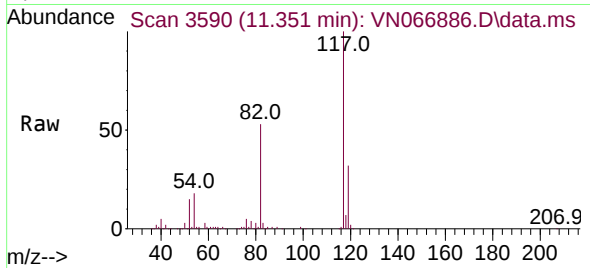
Tgt Ion: 95 Resp: 167086
Ion Ratio Lower Upper
95 100
174 90.4 0.0 169.0
176 74.9 0.0 162.4



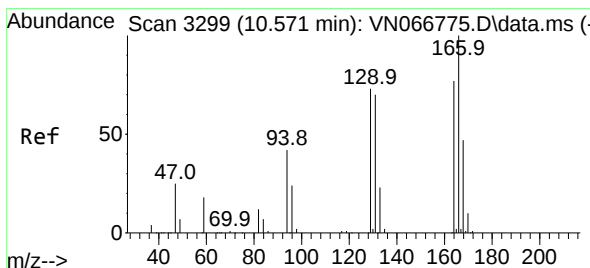
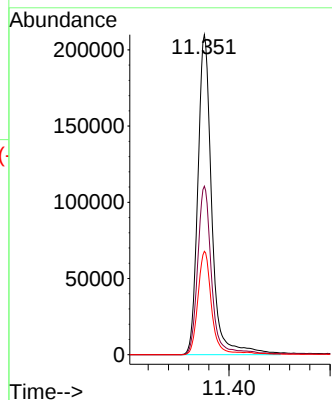
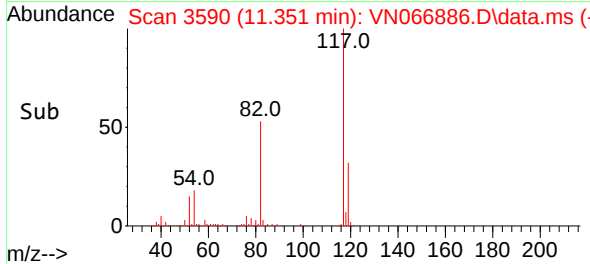


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

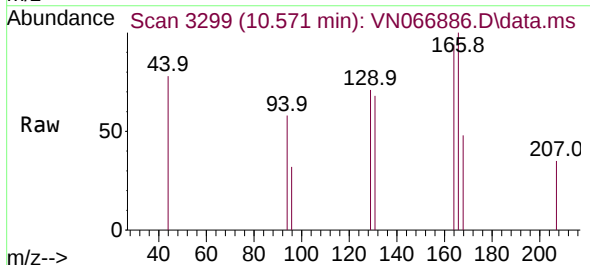
Instrument :
MSVOA_N
ClientSampled :



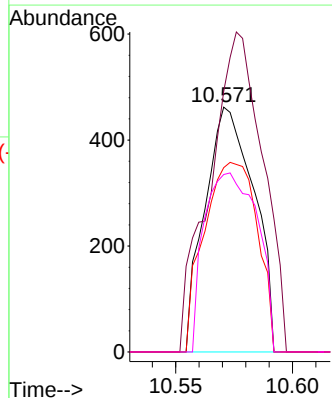
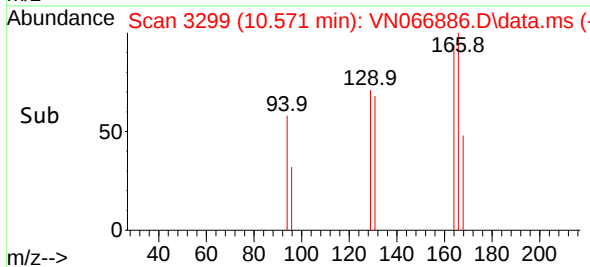
Tgt Ion:117 Resp: 401939
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.3 26.1 39.1

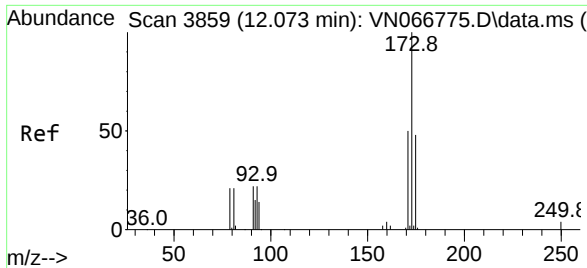


#64
Tetrachloroethene
Concen: 0.25 ug/l
RT: 10.571 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41



Tgt Ion:164 Resp: 675
Ion Ratio Lower Upper
164 100
166 106.5 102.6 154.0
129 75.3 76.2 114.4#
131 72.5 73.4 110.2#

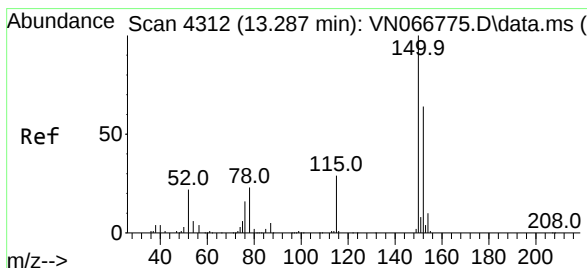
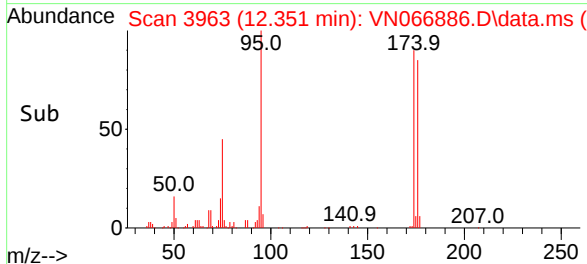
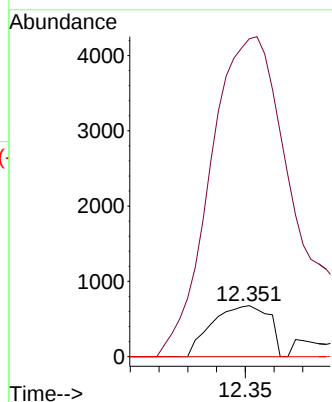
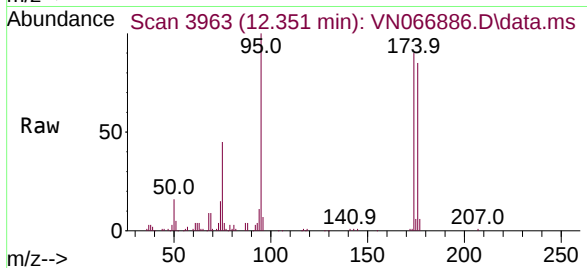




#71
Bromoform
Concen: 0.43 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

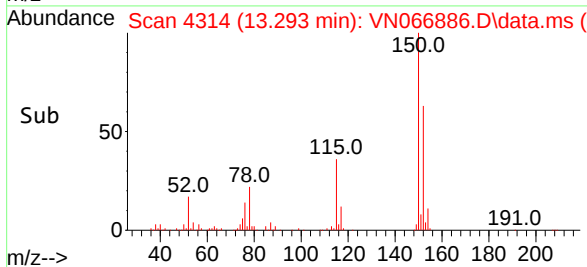
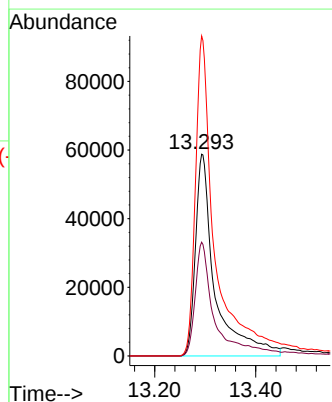
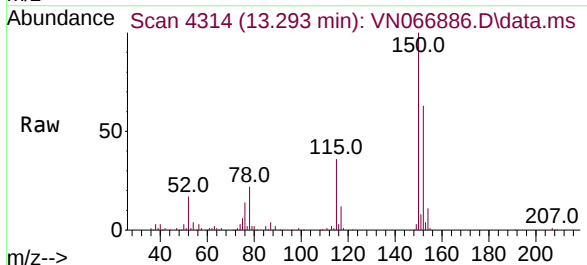
Instrument :
MSVOA_N
ClientSampled :

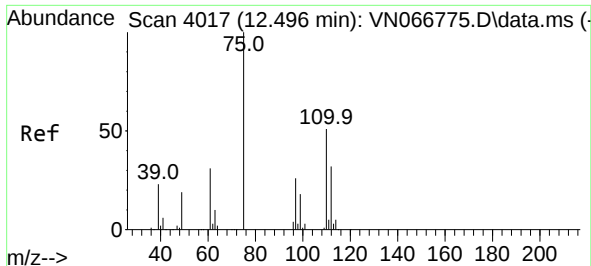
Tgt Ion:173 Resp: 936
Ion Ratio Lower Upper
173 100
175 712.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

Tgt Ion:152 Resp: 158453
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.6
150 162.5 0.0 347.6

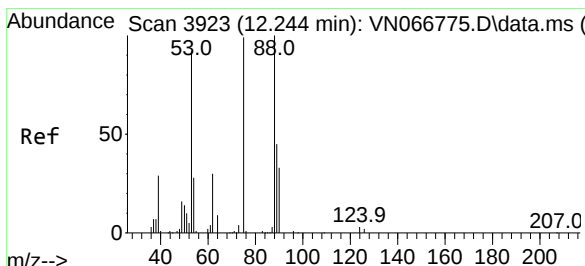
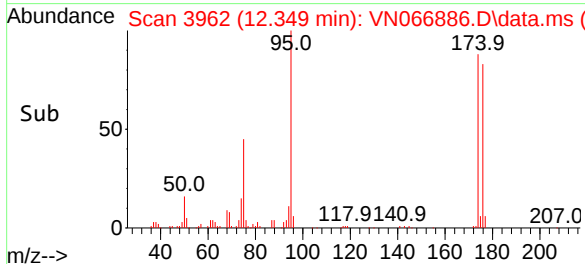
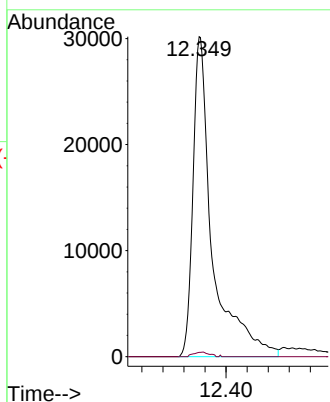
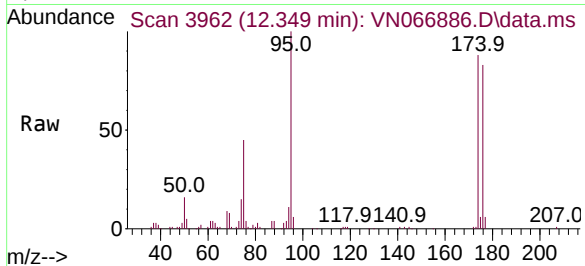




#76
1,2,3-Trichloropropane
Concen: 23.12 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 77229
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.53 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066886.D
Acq: 30 Apr 2021 1:41

Tgt Ion: 75 Resp: 77229
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

