

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066838.D
 Acq On : 29 Apr 2021 2:30
 Operator : JC/MD
 Sample : M2137-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:34:35 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)

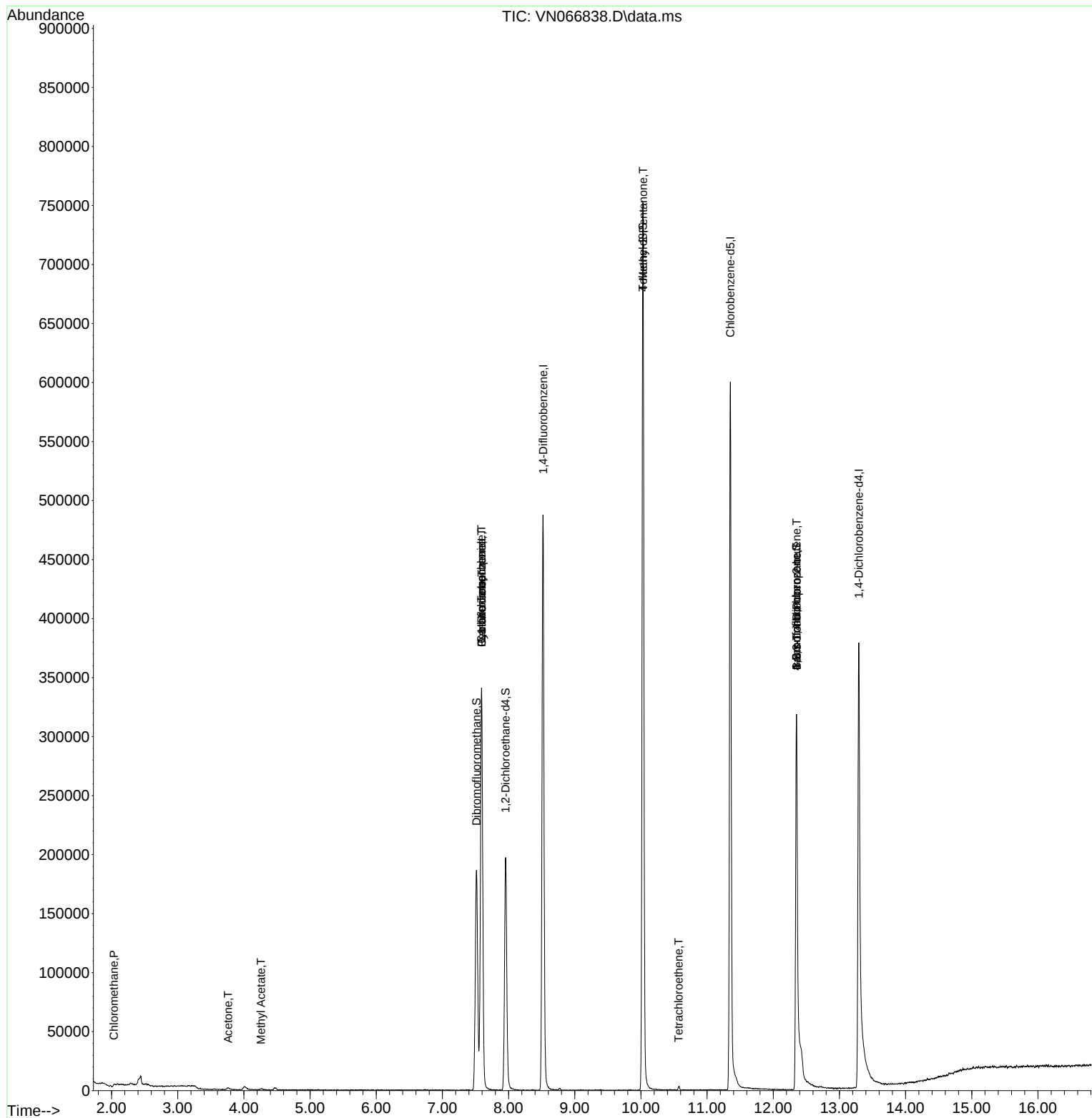
Internal Standards						
1) Pentafluorobenzene	7.594	168	305558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	466665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	411540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	174969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	167711	42.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.44%			
35) Dibromofluoromethane	7.516	113	150465	52.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.46%			
50) Toluene-d8	10.029	98	561665	49.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.34%			
62) 4-Bromofluorobenzene	12.349	95	163551	42.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.50%			
Target Compounds						
						Qvalue
3) Chloromethane	2.037	50	1111	0.26	ug/l	100
16) Acetone	3.761	43	3137	2.12	ug/l	95
18) Methyl Acetate	4.260	43	1425	1.46	ug/l #	74
31) Cyclohexane	7.594	56	4919	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20000	4.61	ug/l #	48
38) Carbon Tetrachloride	7.591	117	26043	6.26	ug/l #	19
51) 4-Methyl-2-Pentanone	10.031	43	2024	0.51	ug/l #	1
64) Tetrachloroethene	10.571	164	789	0.29	ug/l #	78
71) Bromoform	12.351	173	860	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.351	75	74679	20.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.351	75	74679	55.65	ug/l #	12

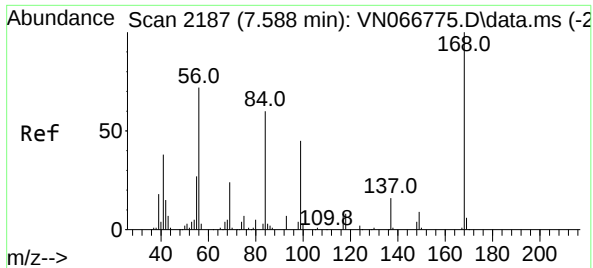
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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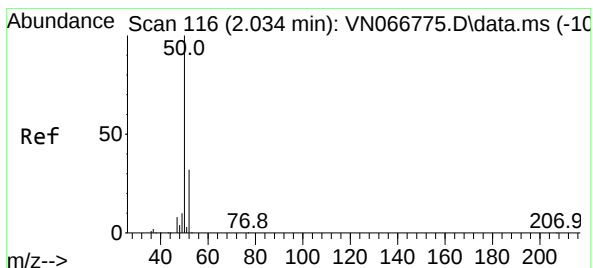
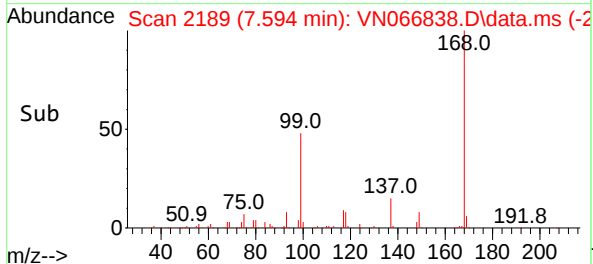
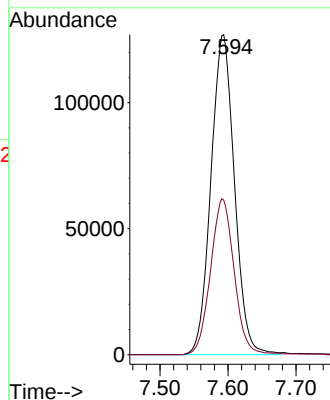
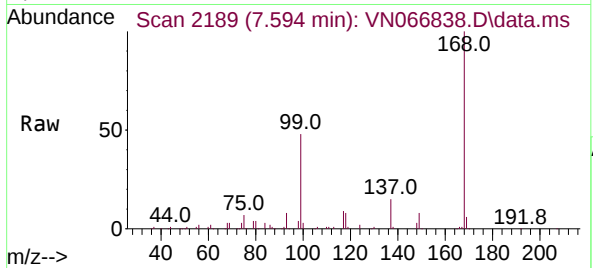




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

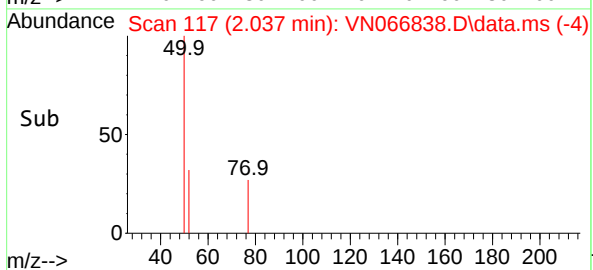
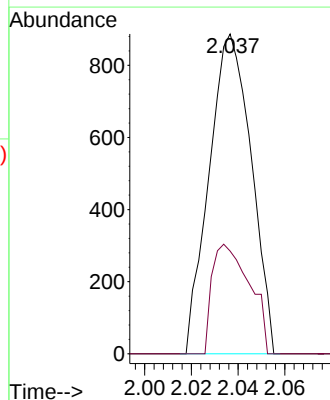
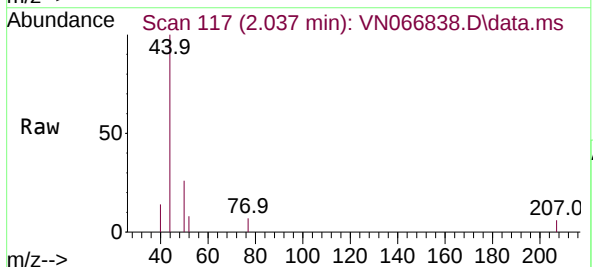
Instrument :
MSVOA_N
ClientSampled :

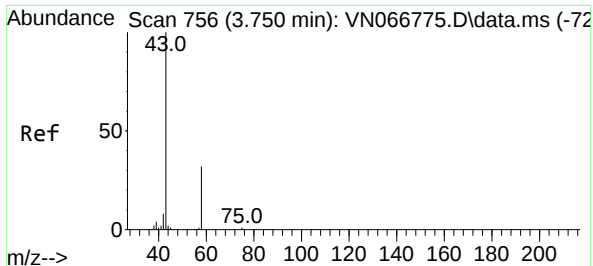
Tgt Ion:168 Resp: 305558
Ion Ratio Lower Upper
168 100
99 48.3 42.6 63.8



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion: 50 Resp: 1111
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8

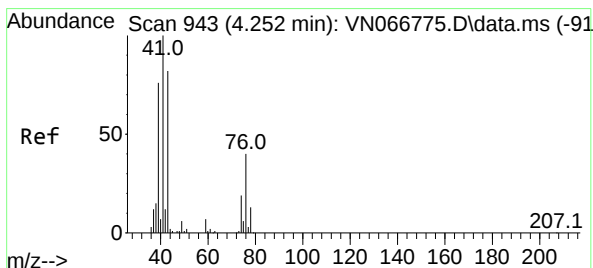
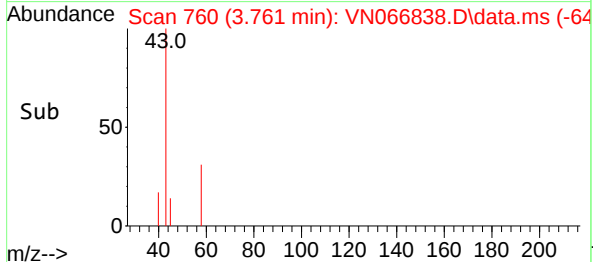
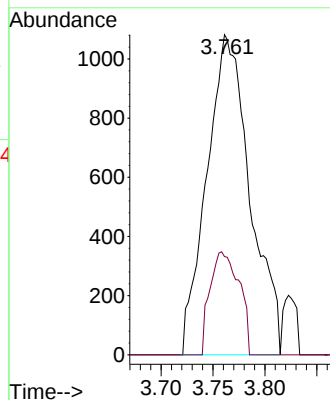
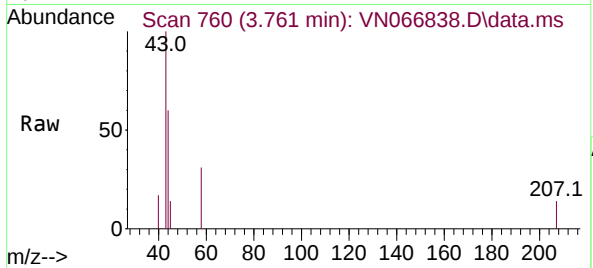




#16
Acetone
Concen: 2.12 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

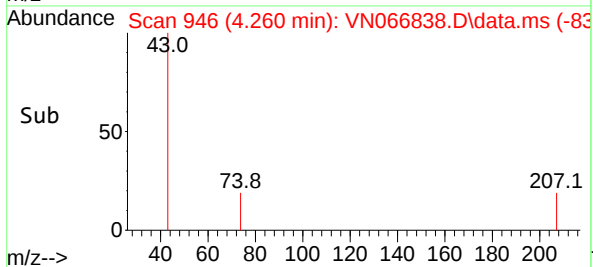
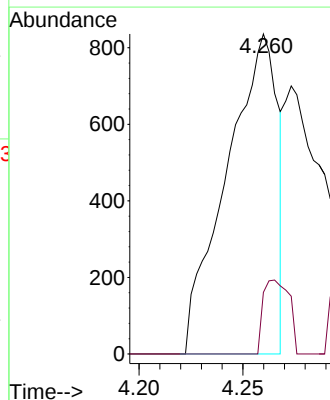
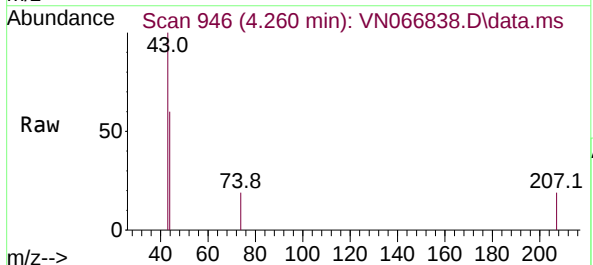
Instrument :
MSVOA_N
ClientSampled :

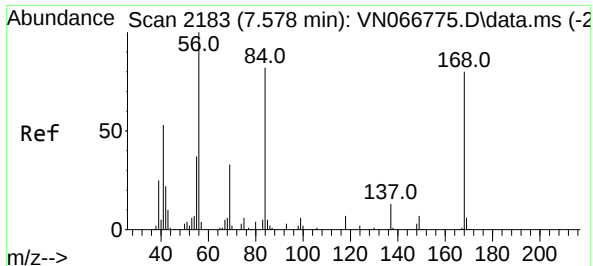
Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 30.7 27.0 40.6



#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
74 11.7 19.5 29.3#

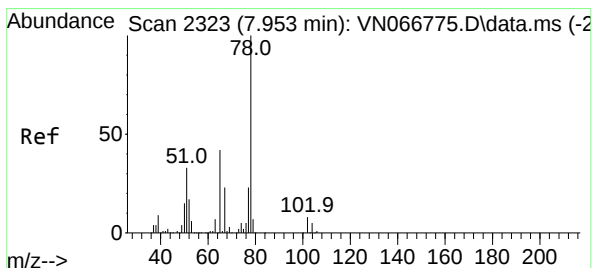
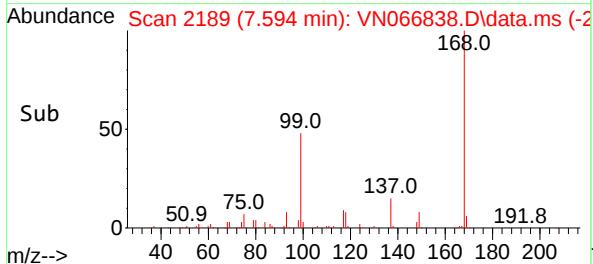
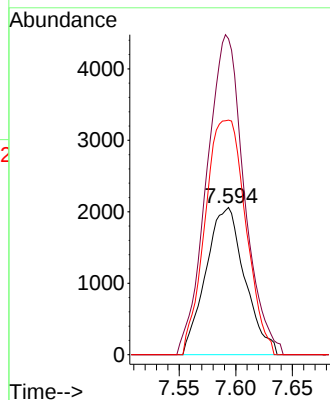
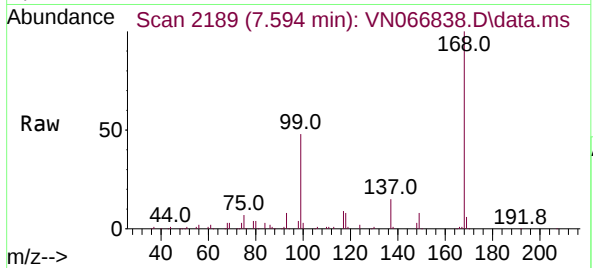




#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

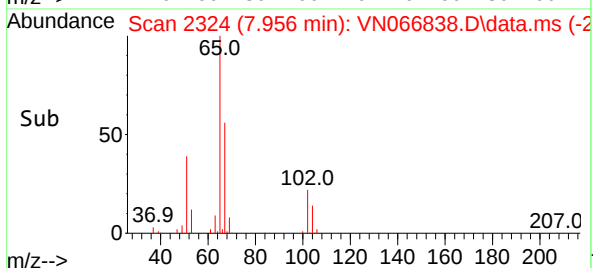
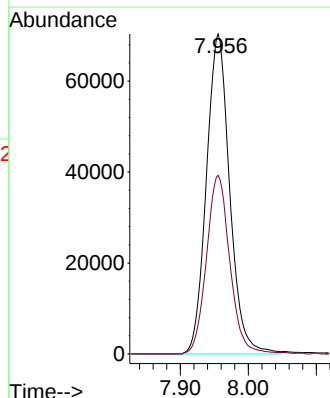
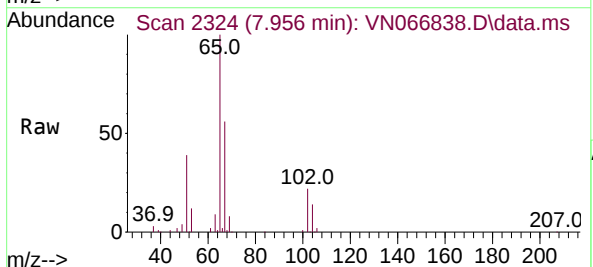
Instrument :
MSVOA_N
ClientSampled :

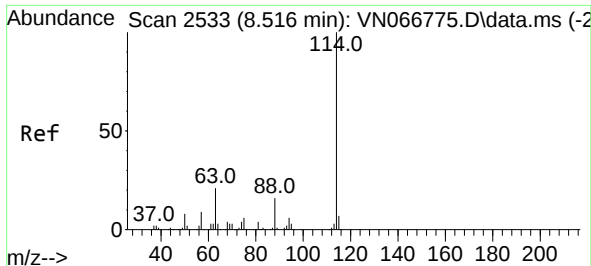
Tgt Ion: 56 Resp: 4919
Ion Ratio Lower Upper
56 100
69 207.2 26.6 39.8#
84 159.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.72 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion: 65 Resp: 167711
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2

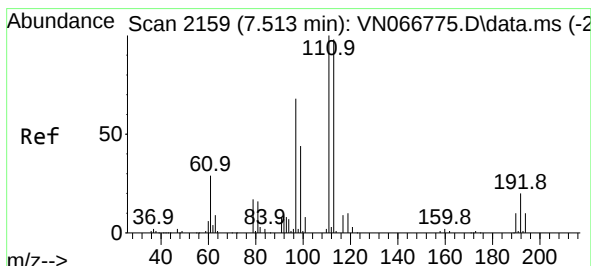
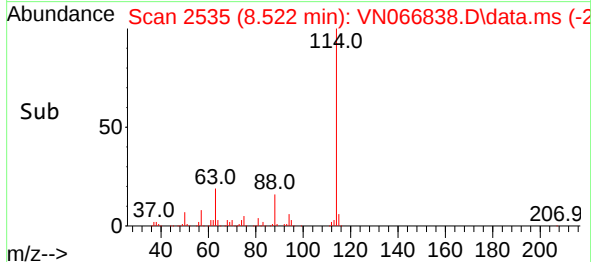
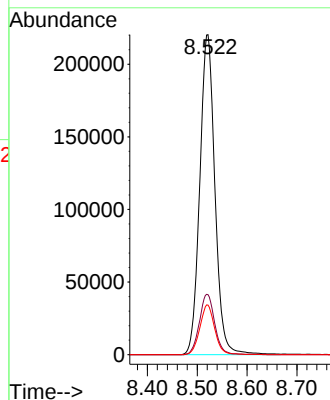
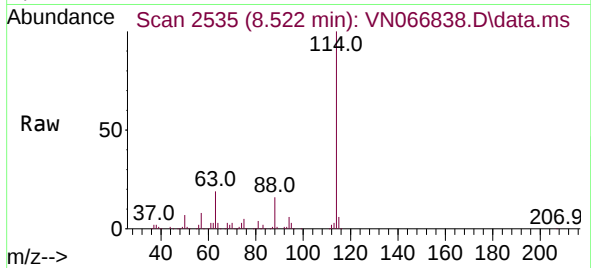




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2535
Delta R.T. 0.006 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

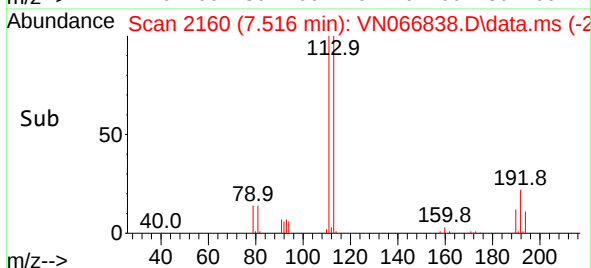
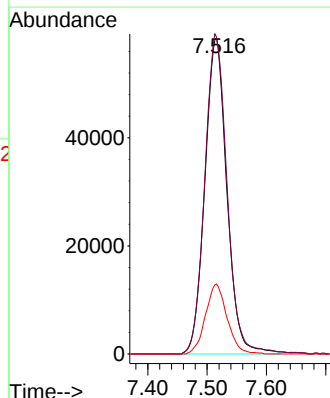
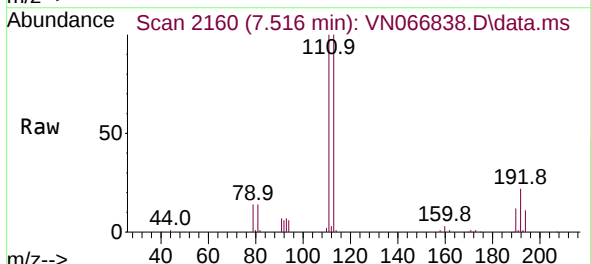
Instrument :
MSVOA_N
ClientSampled :

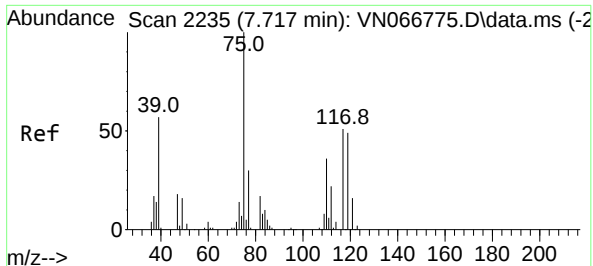
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.6
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 52.23 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	21.7	15.4	23.0

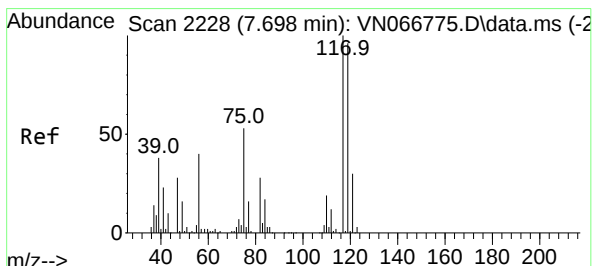
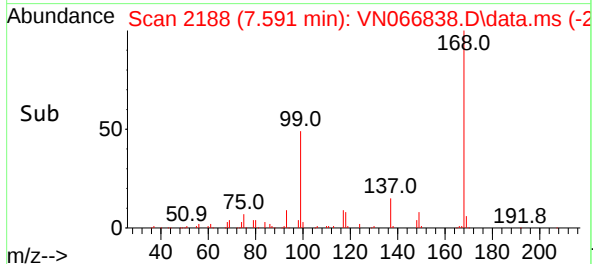
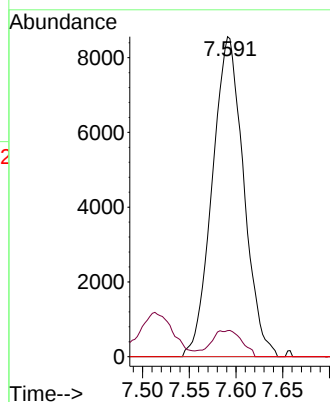
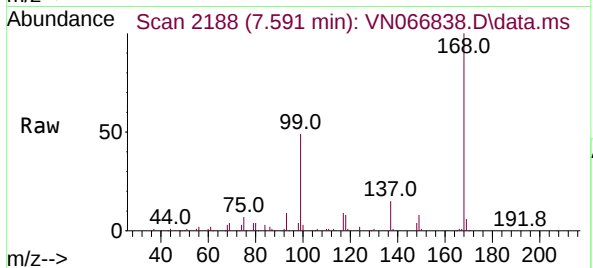




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

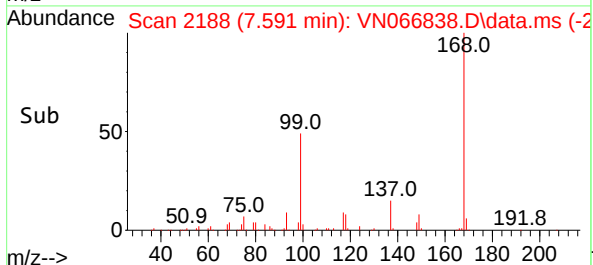
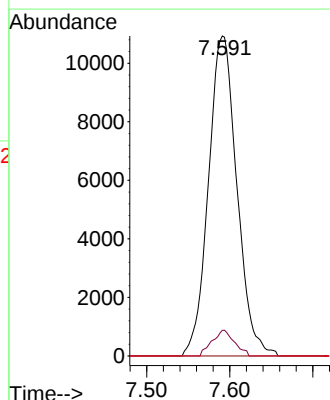
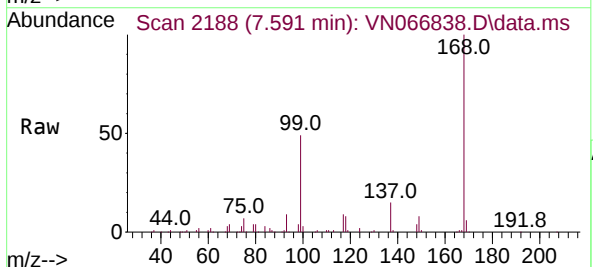
Instrument :
MSVOA_N
ClientSampled :

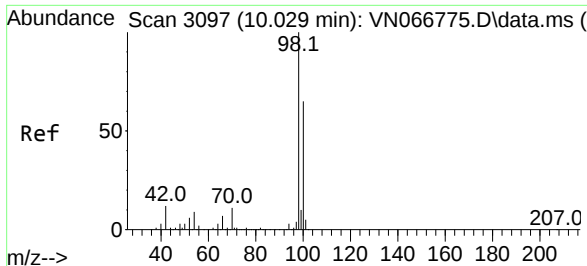
Tgt Ion: 75 Resp: 20000
Ion Ratio Lower Upper
75 100
110 7.8 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion: 117 Resp: 26043
Ion Ratio Lower Upper
117 100
119 8.0 76.0 114.0#
121 0.0 24.5 36.7#

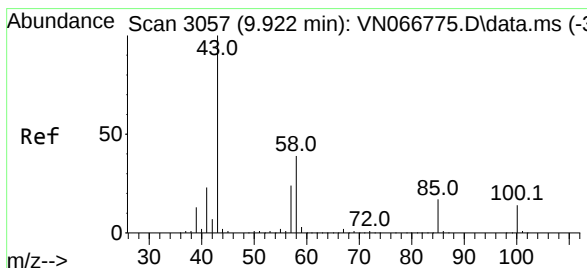
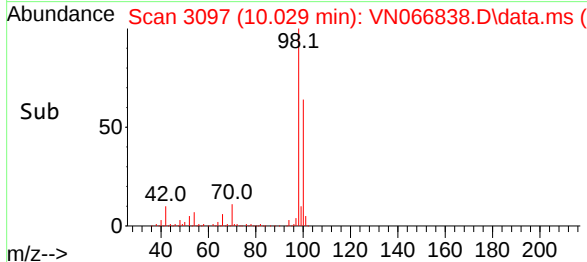
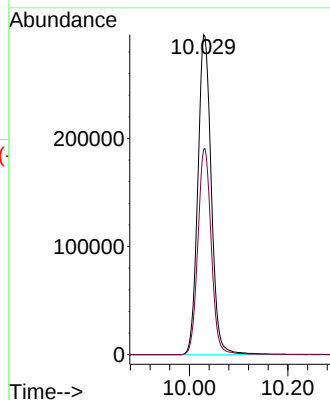
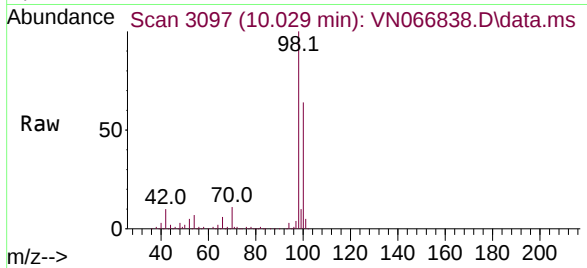




#50
Toluene-d8
Concen: 49.67 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

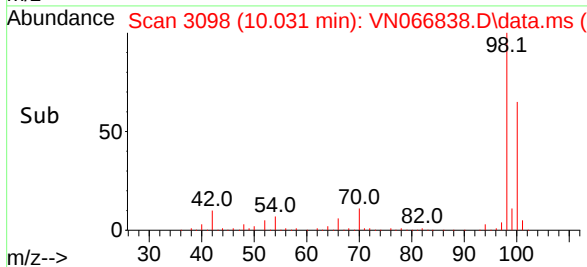
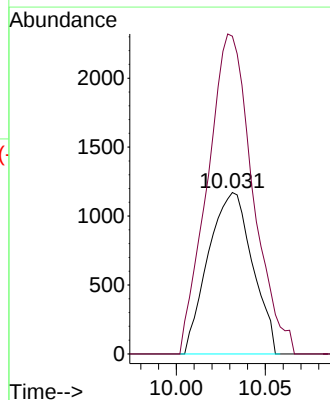
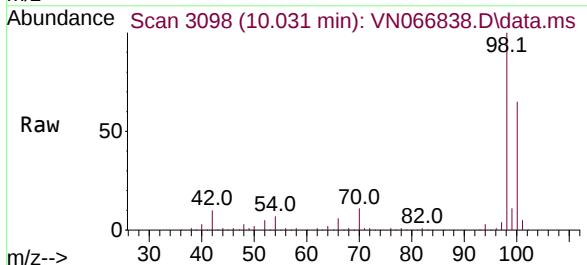
Instrument :
MSVOA_N
ClientSampled :

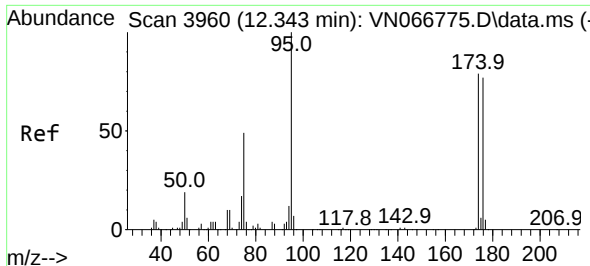
Tgt Ion: 98 Resp: 561665
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.109 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
58 202.4 32.5 48.7#

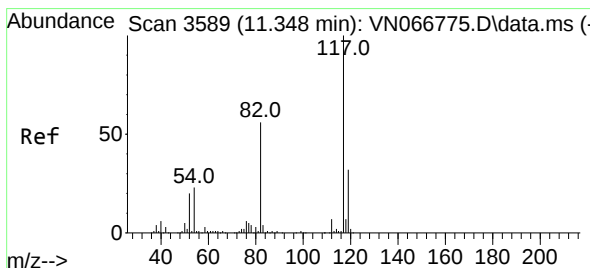
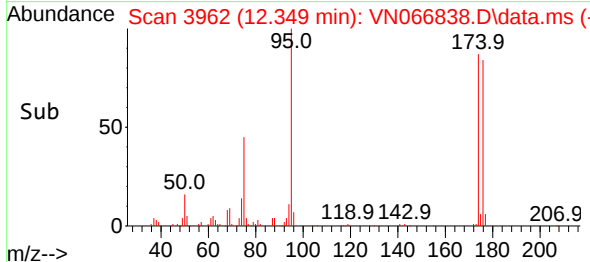
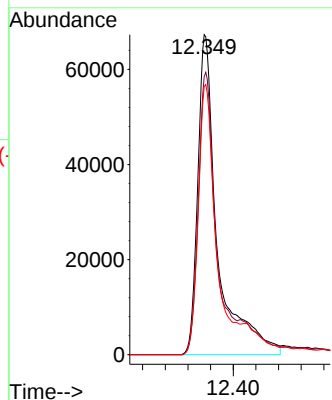
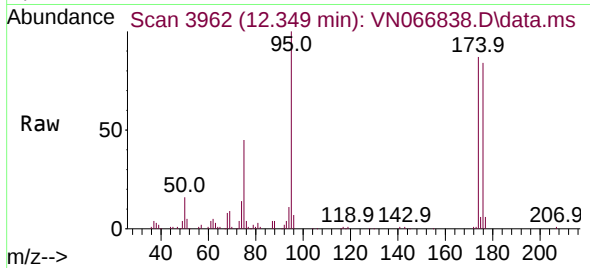




#62
4-Bromofluorobenzene
Concen: 42.75 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

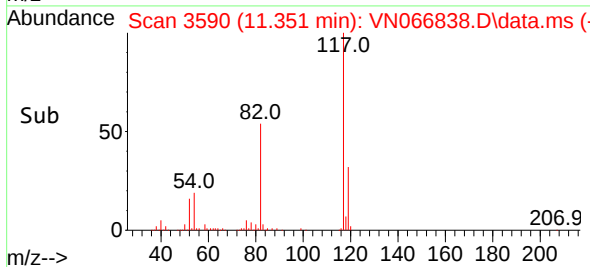
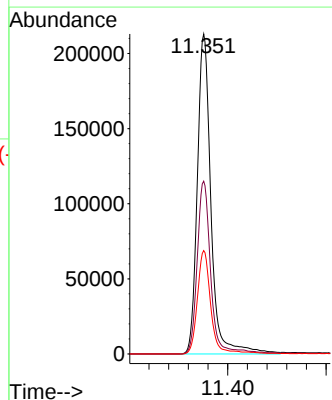
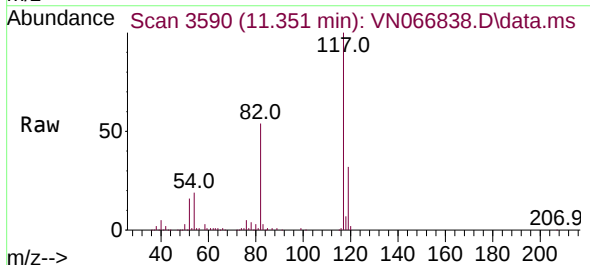
Instrument :
MSVOA_N
ClientSampleId :

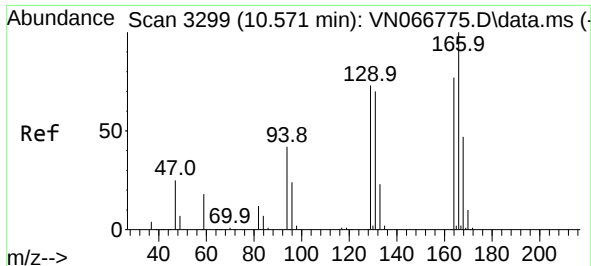
Tgt Ion: 95 Resp: 163551
Ion Ratio Lower Upper
95 100
174 77.0 0.0 169.0
176 74.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion: 117 Resp: 411540
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.3 26.1 39.1

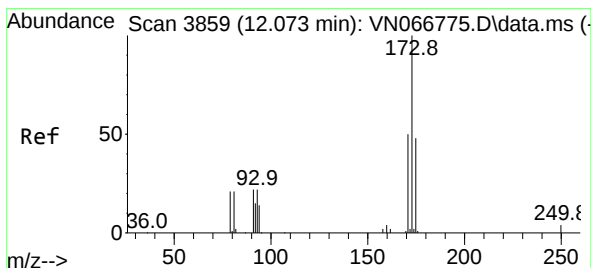
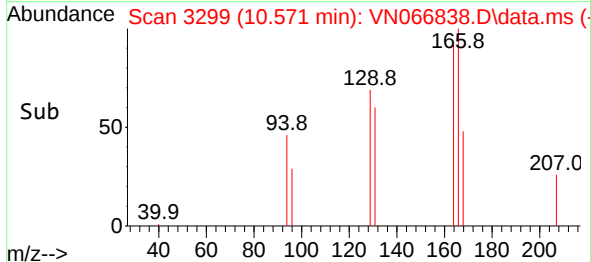
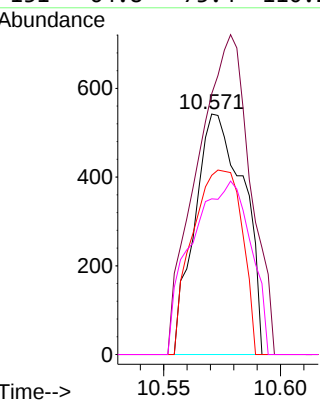
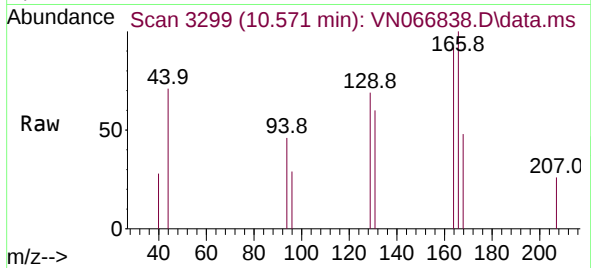




#64
Tetrachloroethene
Concen: 0.29 ug/l
RT: 10.571 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

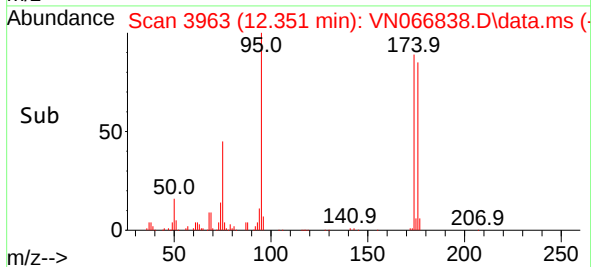
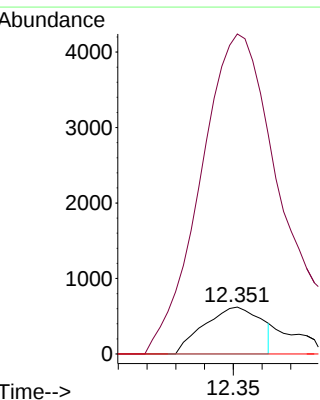
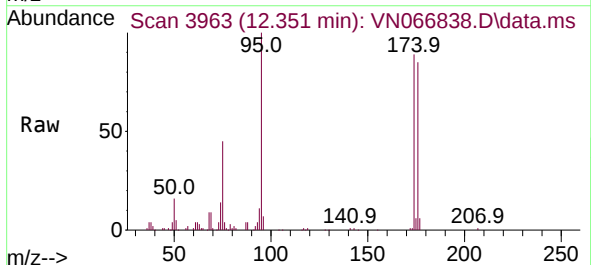
Instrument :
MSVOA_N
ClientSampled :

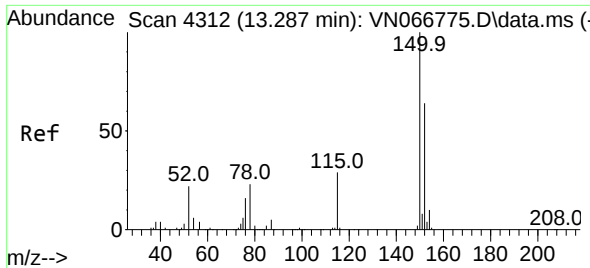
Tgt Ion:164	Resp:	789
Ion Ratio	Lower	Upper
164	100	
166	108.5	102.6 154.0
129	74.5	76.2 114.4#
131	64.8	73.4 110.2#



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066838.D
Acq: 29 Apr 2021 2:30

Tgt Ion:173	Resp:	860
Ion Ratio	Lower	Upper
173	100	
175	743.3	23.8 71.2#
254	0.0	0.0 0.0

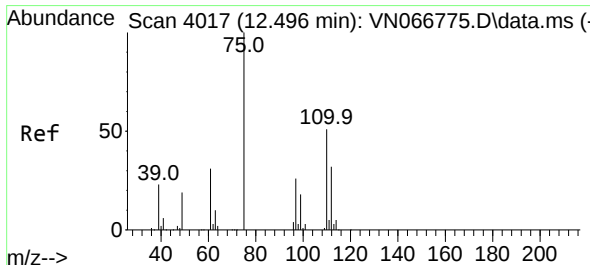
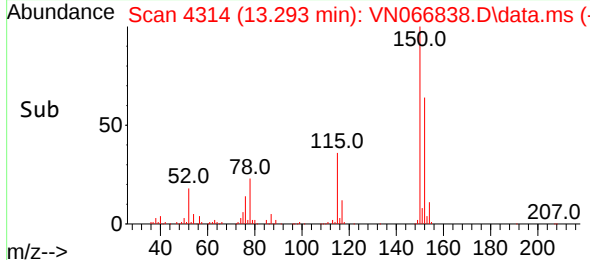
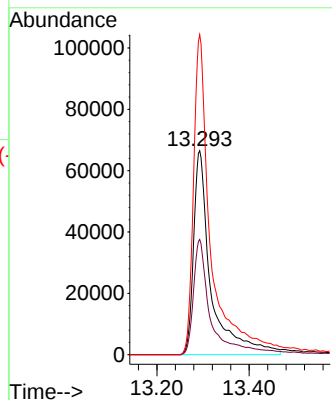
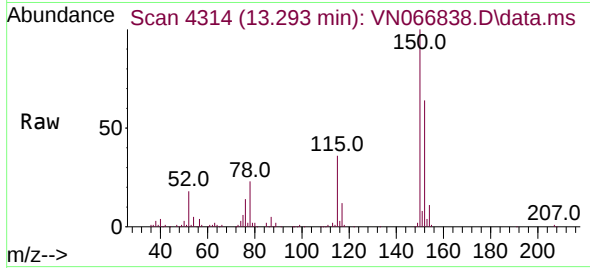




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066838.D
 Acq: 29 Apr 2021 2:30

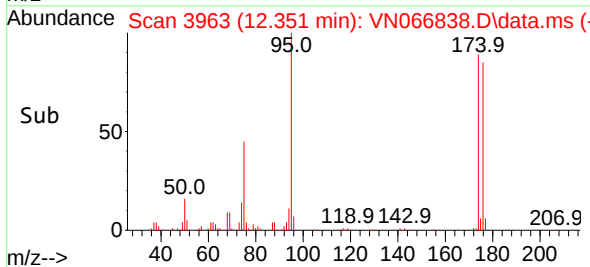
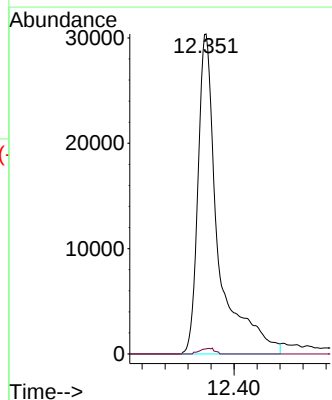
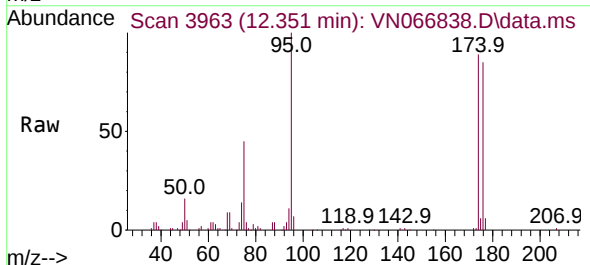
Instrument :
 MSVOA_N
 ClientSampled :

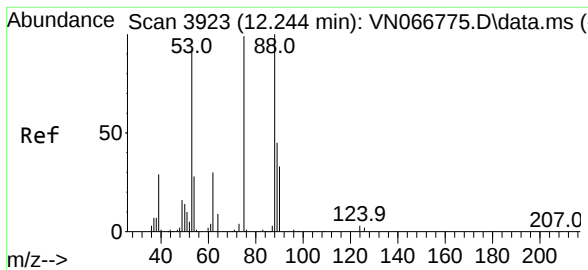
Tgt Ion:152 Resp: 174969
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.5 85.6
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 20.25 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. -0.145 min
 Lab File: VN066838.D
 Acq: 29 Apr 2021 2:30

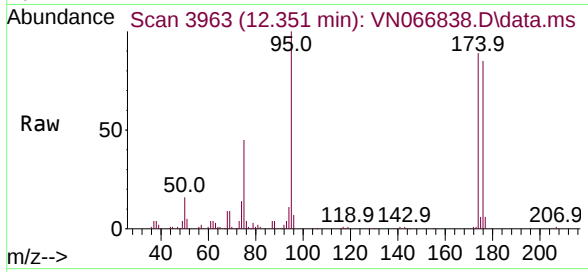
Tgt Ion: 75 Resp: 74679
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.65 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. 0.107 min
 Lab File: VN066838.D
 Acq: 29 Apr 2021 2:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	74679
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

