

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066811.D
 Acq On : 28 Apr 2021 14:44
 Operator : JC/MD
 Sample : M2138-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:29:45 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)

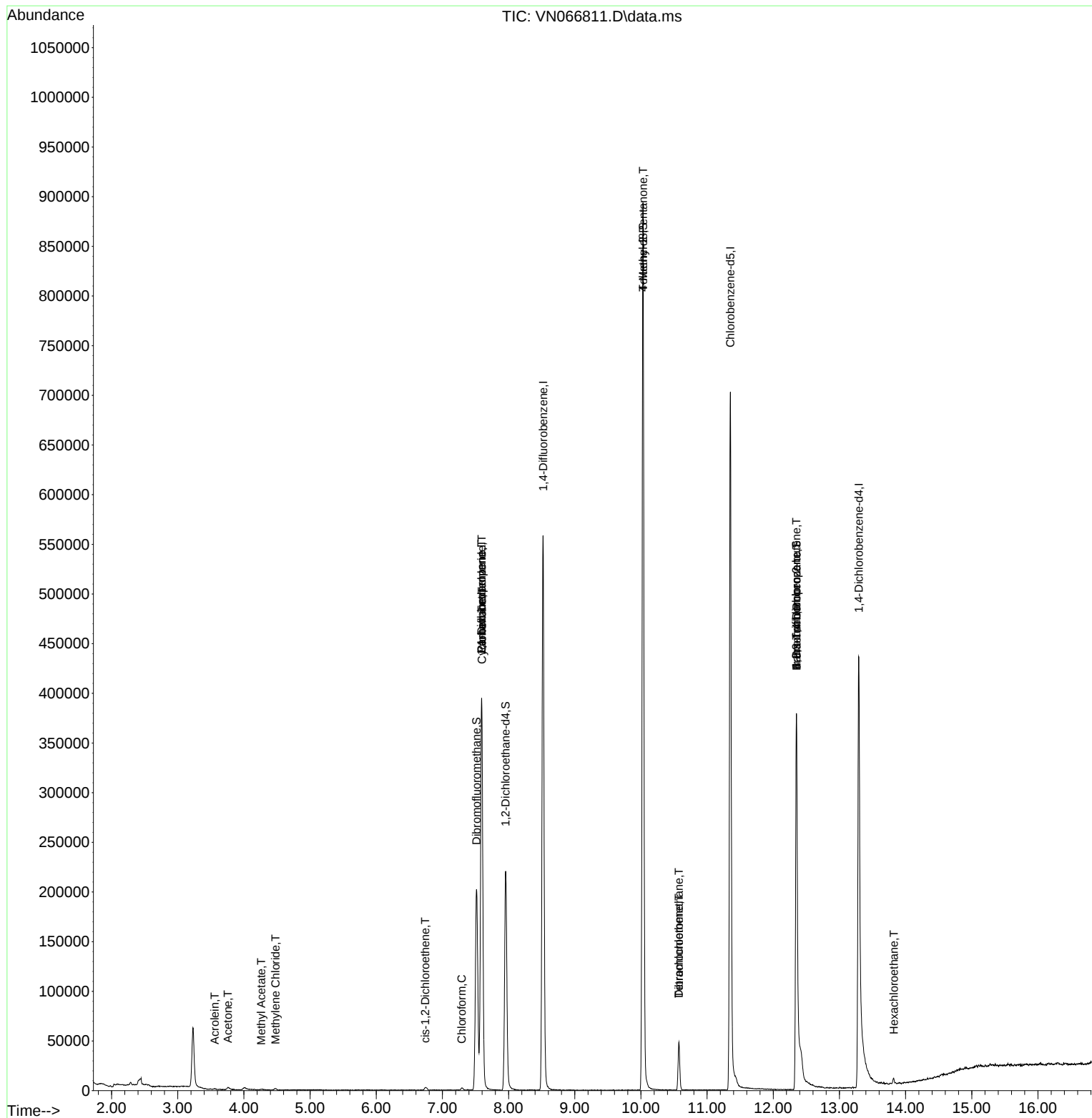
Internal Standards						
1) Pentafluorobenzene	7.594	168	354231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	535573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	460719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	187725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	191401	42.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.10%		
35) Dibromofluoromethane	7.516	113	165469	50.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.10%		
50) Toluene-d8	10.032	98	642709	49.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.06%		
62) 4-Bromofluorobenzene	12.349	95	169398	38.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	77.16%		
Target Compounds						Qvalue
13) Acrolein	3.560	56	785	1.34	ug/l #	54
16) Acetone	3.758	43	3776	2.20	ug/l	96
18) Methyl Acetate	4.263	43	2183	1.57	ug/l #	63
20) Methylene Chloride	4.477	84	1095	0.25	ug/l #	69
27) cis-1,2-Dichloroethene	6.741	96	1393	0.32	ug/l	85
30) Chloroform	7.293	83	2804	0.39	ug/l	95
31) Cyclohexane	7.596	56	5906	0.84	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	23423	4.71	ug/l #	48
38) Carbon Tetrachloride	7.594	117	29860	6.26	ug/l #	17
51) 4-Methyl-2-Pentanone	10.032	43	2545	0.56	ug/l #	1
60) Dibromochloromethane	10.573	129	10932	2.81	ug/l #	11
64) Tetrachloroethene	10.573	164	12128	3.98	ug/l	99
71) Bromoform	12.351	173	1000	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	78652	19.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	78652	54.76	ug/l #	12
90) Hexachloroethane	13.821	117	1406	0.61	ug/l	90

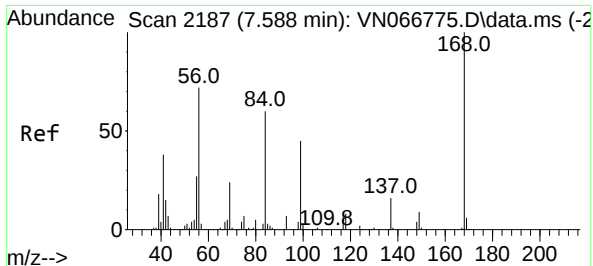
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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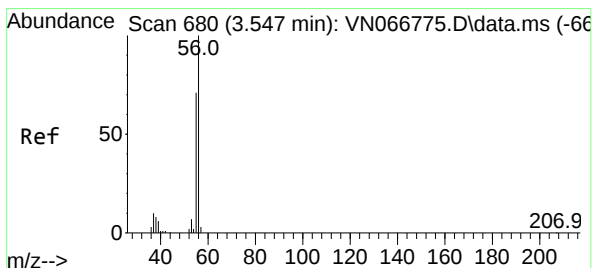
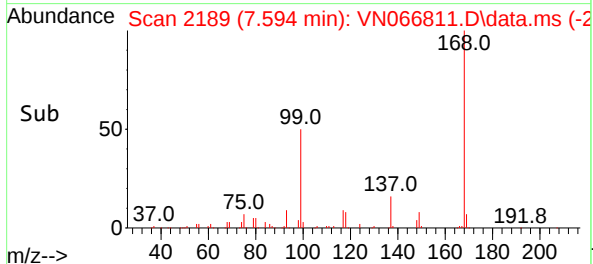
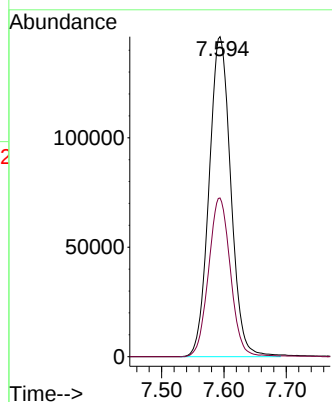
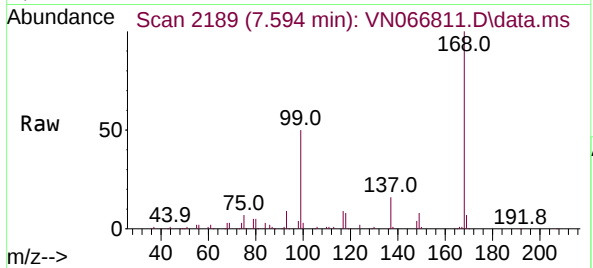




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

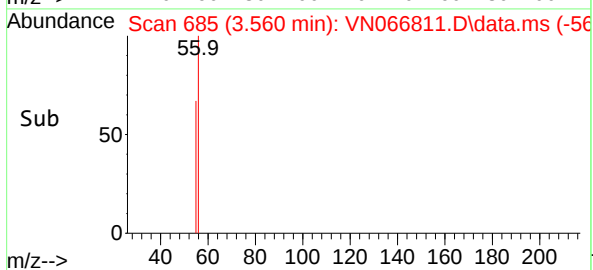
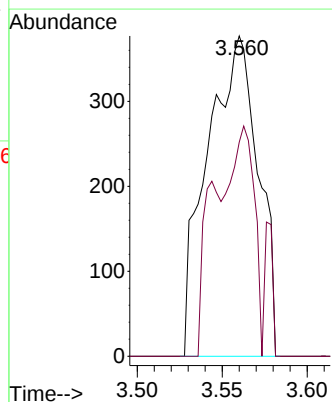
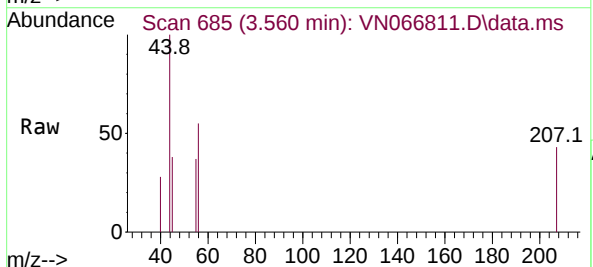
Instrument :
MSVOA_N
ClientSampled :

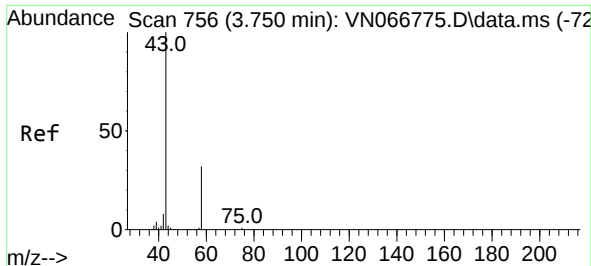
Tgt Ion:168 Resp: 354231
Ion Ratio Lower Upper
168 100
99 49.6 42.6 63.8



#13
Acrolein
Concen: 1.34 ug/l
RT: 3.560 min Scan# 685
Delta R.T. 0.013 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

Tgt Ion: 56 Resp: 785
Ion Ratio Lower Upper
56 100
55 32.2 56.0 84.0#

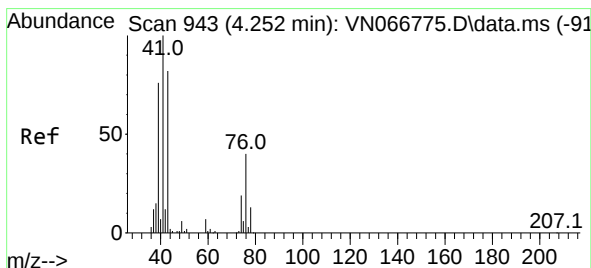
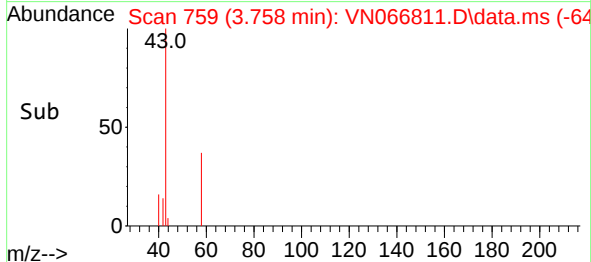
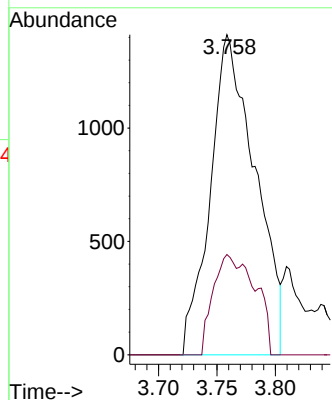
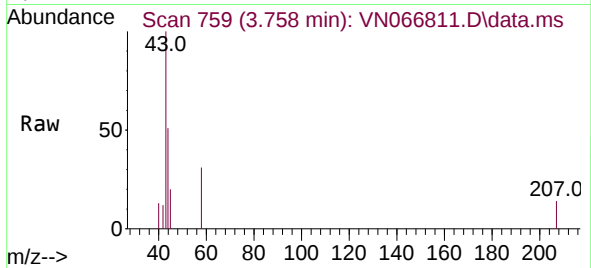




#16
Acetone
Concen: 2.20 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

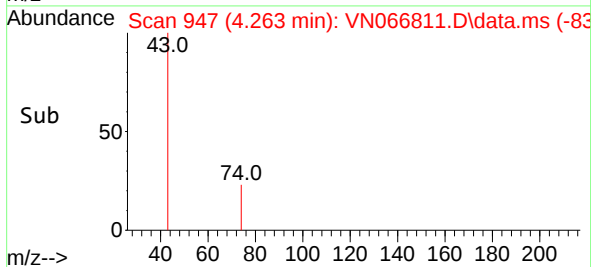
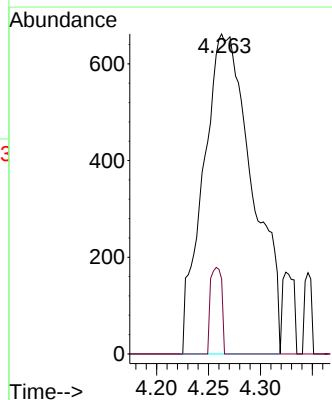
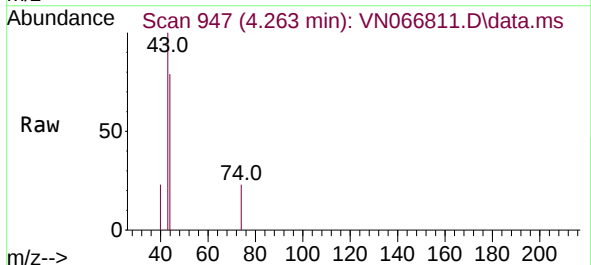
Instrument :
MSVOA_N
ClientSampleId :

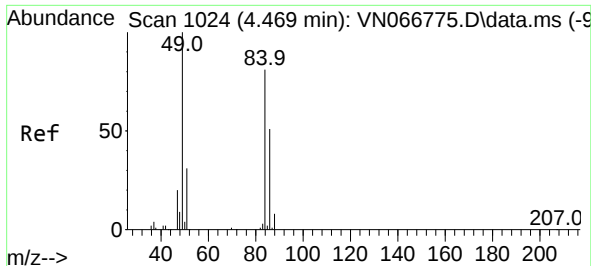
Tgt Ion: 43 Resp: 3776
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6



#18
Methyl Acetate
Concen: 1.57 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

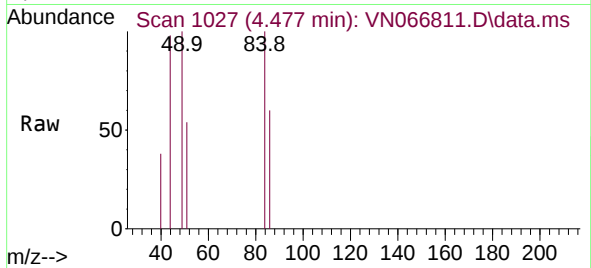
Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
74 6.2 19.5 29.3#



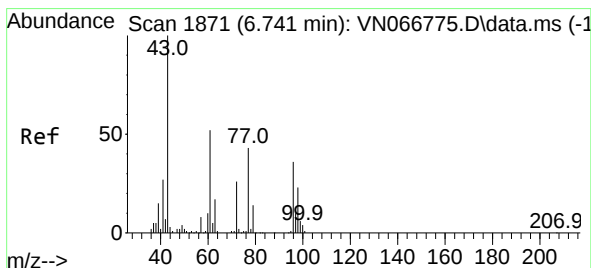
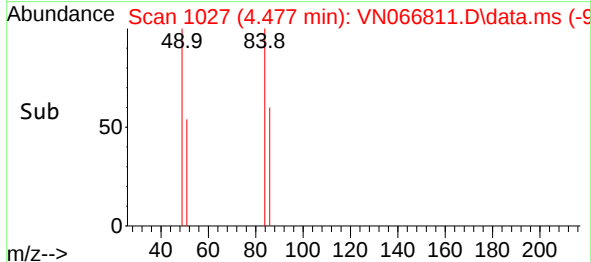
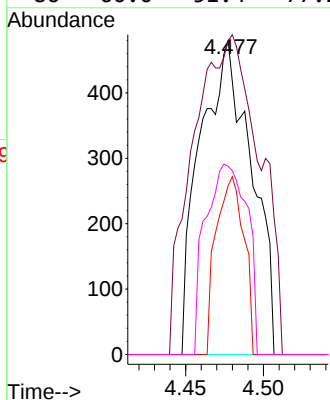


#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

Instrument :
MSVOA_N
ClientSampleId :

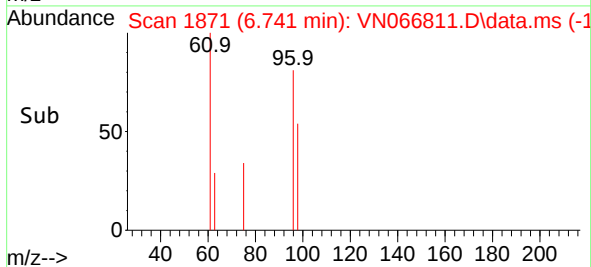
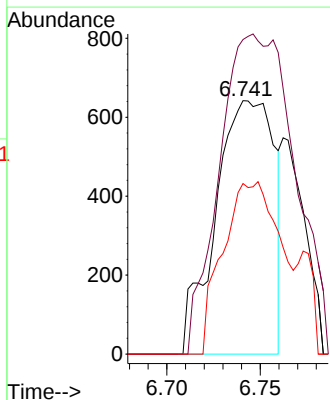
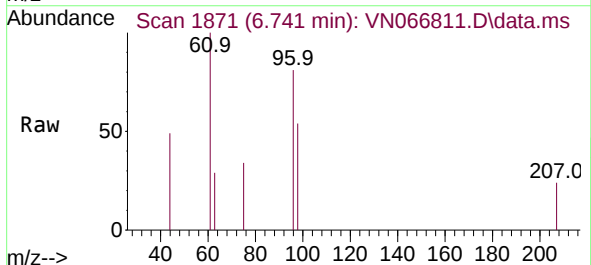


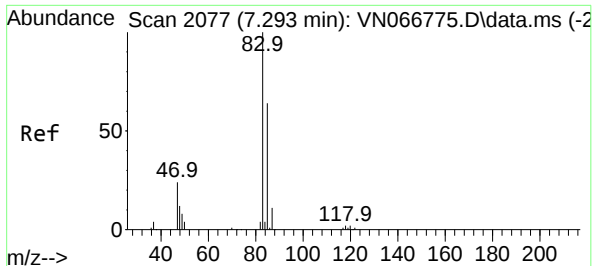
Tgt Ion:	84	Resp:	1095
Ion	Ratio	Lower	Upper
84	100		
49	67.9	94.6	141.8#
51	53.8	29.9	44.9#
86	60.0	51.4	77.2



#27
cis-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

Tgt Ion:	96	Resp:	1393
Ion	Ratio	Lower	Upper
96	100		
61	163.3	0.0	276.8
98	66.5	0.0	129.4





#30

Chloroform

Concen: 0.39 ug/l

RT: 7.293 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VN066811.D

Acq: 28 Apr 2021 14:44

Tgt Ion: 83 Resp: 2804

Ion Ratio Lower Upper

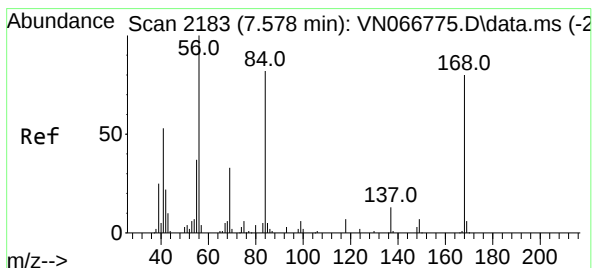
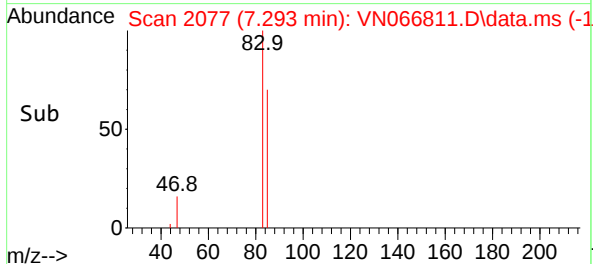
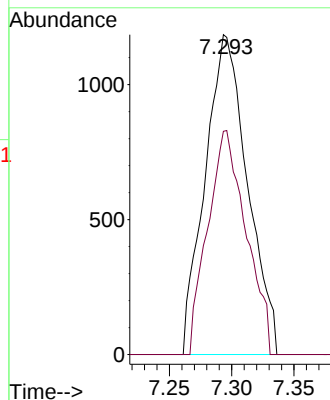
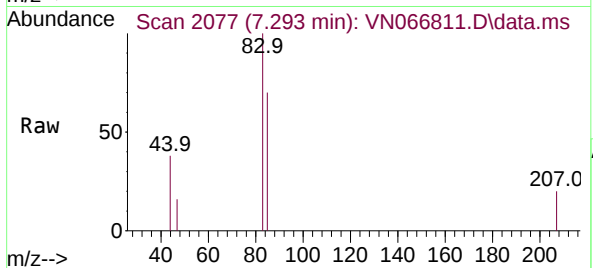
83 100

85 69.8 52.6 78.8

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 0.84 ug/l

RT: 7.596 min Scan# 2190

Delta R.T. 0.018 min

Lab File: VN066811.D

Acq: 28 Apr 2021 14:44

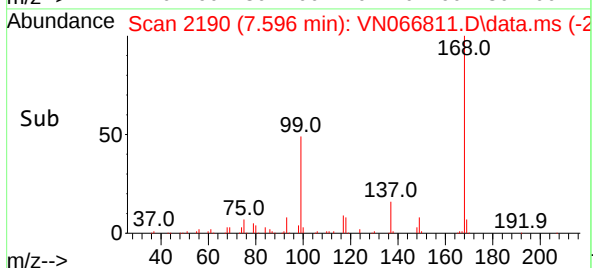
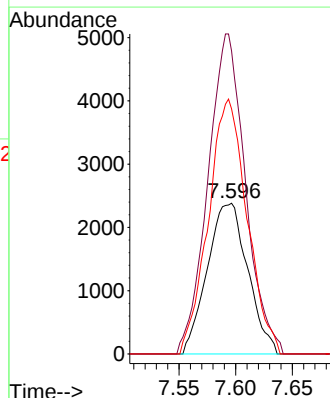
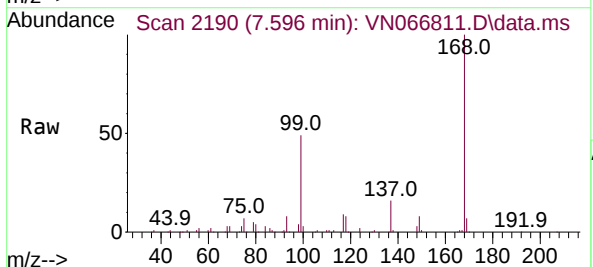
Tgt Ion: 56 Resp: 5906

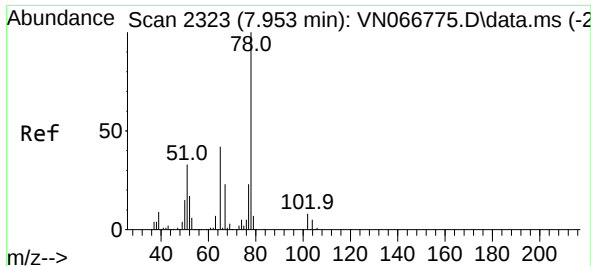
Ion Ratio Lower Upper

56 100

69 193.6 26.6 39.8#

84 162.6 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 42.05 ug/l

RT: 7.956 min Scan# 2324

Delta R.T. 0.003 min

Lab File: VN066811.D

Acq: 28 Apr 2021 14:44

Tgt Ion: 65 Resp: 191401

Ion Ratio Lower Upper

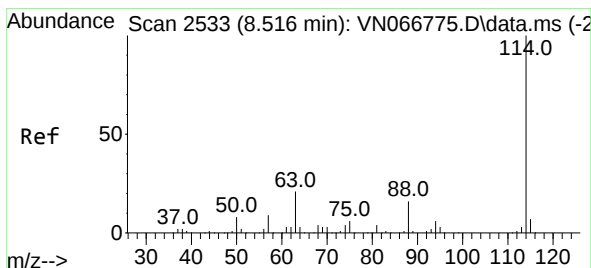
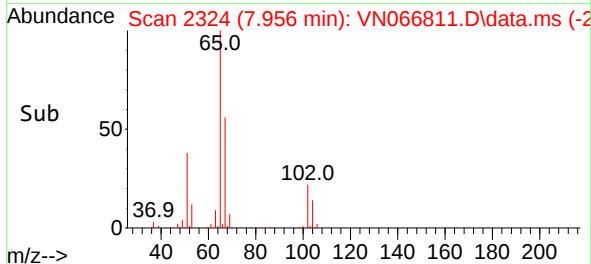
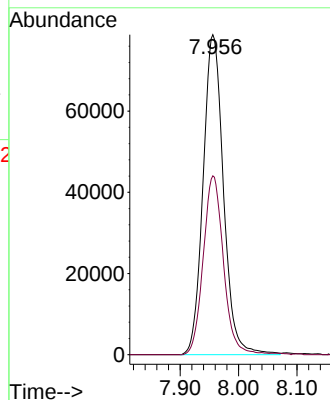
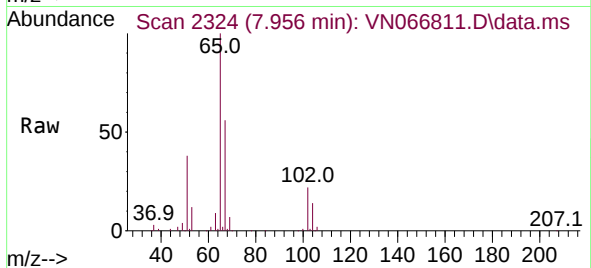
65 100

67 55.4 0.0 107.2

Instrument :

MSVOA_N

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.522 min Scan# 2535

Delta R.T. 0.006 min

Lab File: VN066811.D

Acq: 28 Apr 2021 14:44

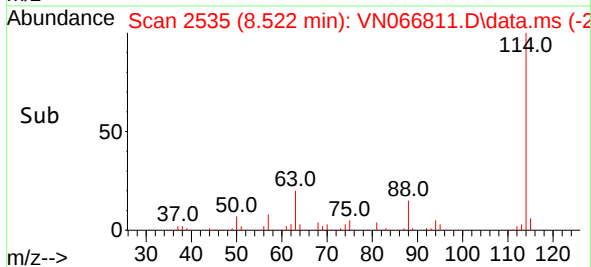
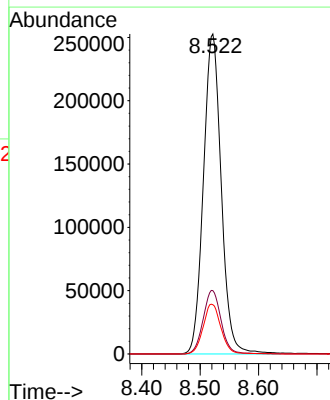
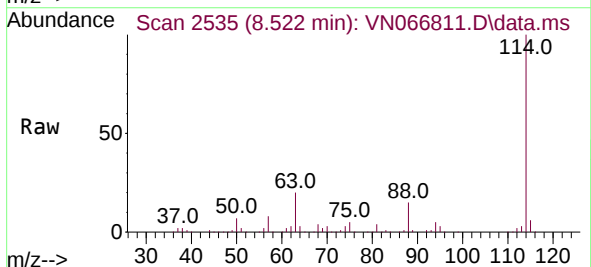
Tgt Ion: 114 Resp: 535573

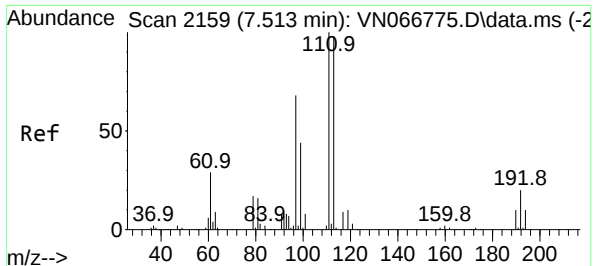
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.4 0.0 30.6

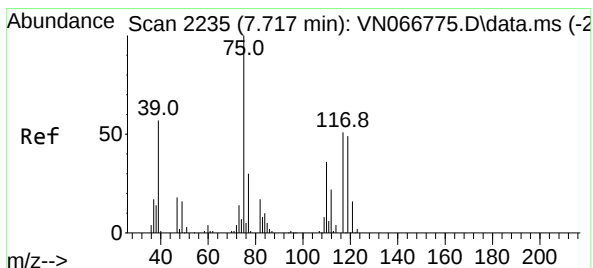
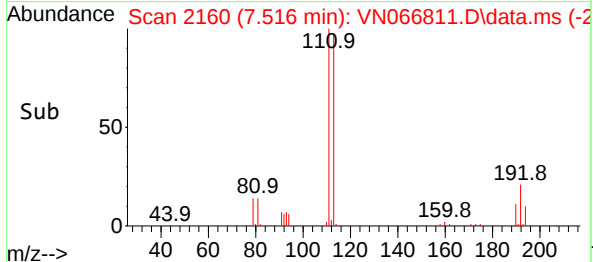
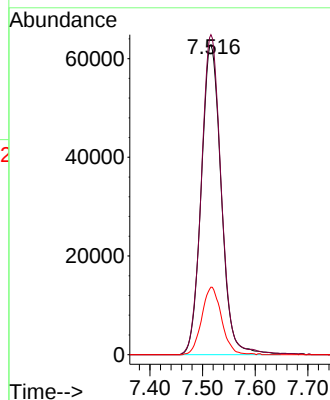
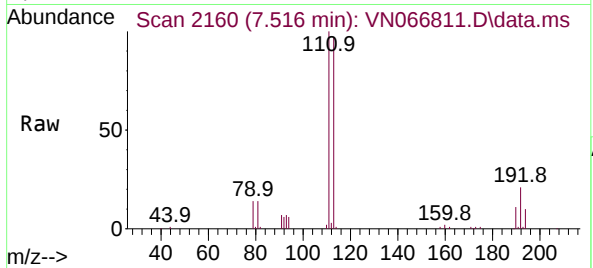




#35
Dibromofluoromethane
Concen: 50.05 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

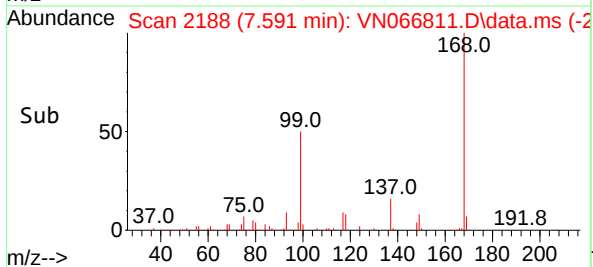
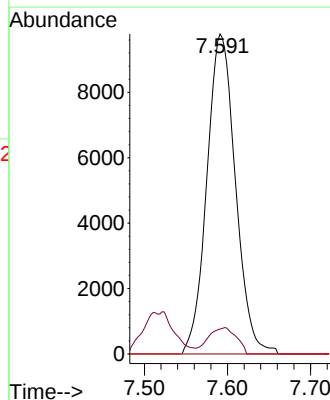
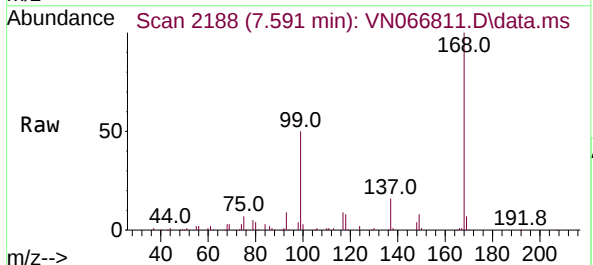
Instrument :
MSVOA_N
ClientSampleId :

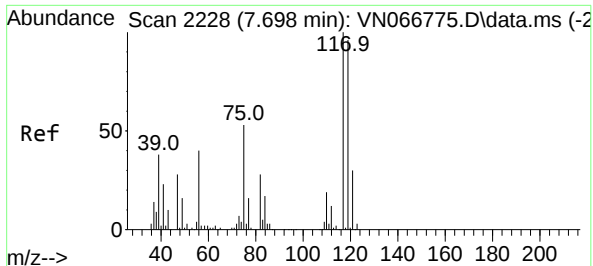
Tgt Ion:113 Resp: 165469
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

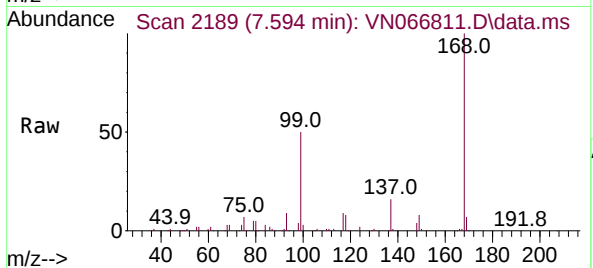
Tgt Ion: 75 Resp: 23423
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



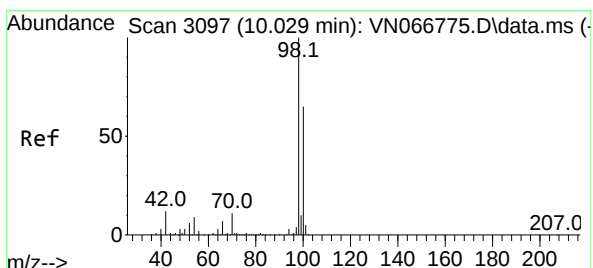
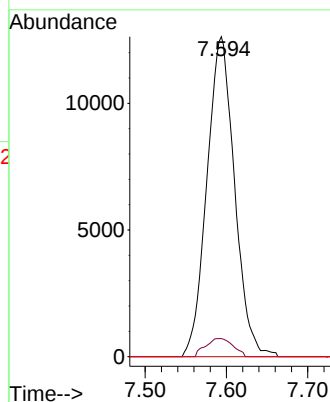
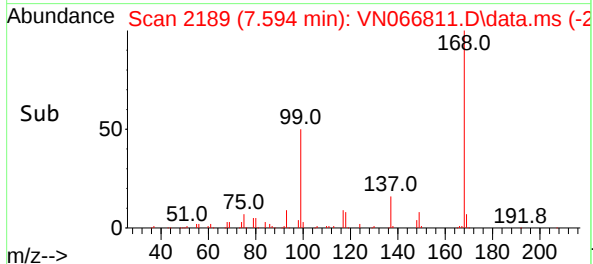


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

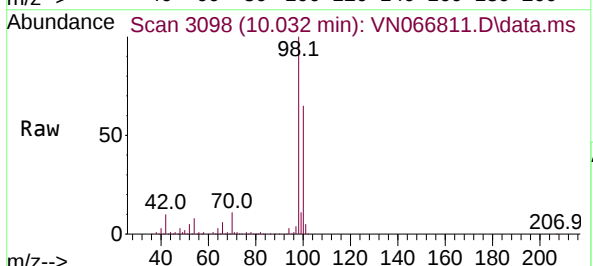
Instrument :
MSVOA_N
ClientSampled :



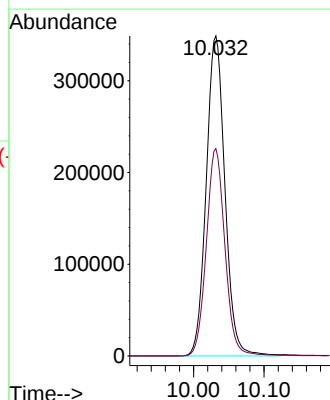
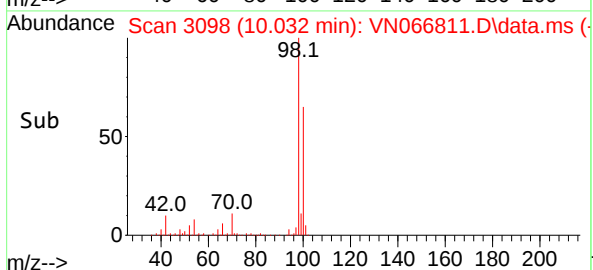
Tgt Ion:117 Resp: 29860
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.5 36.7#

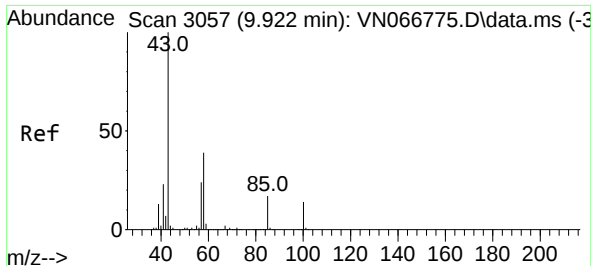


#50
Toluene-d8
Concen: 49.53 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44



Tgt Ion: 98 Resp: 642709
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

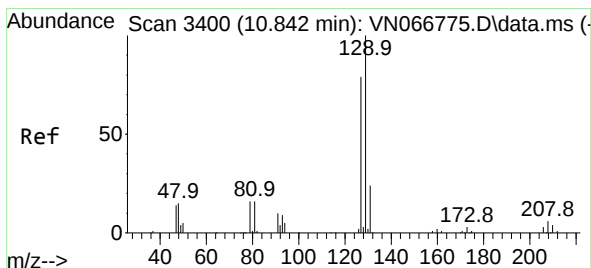
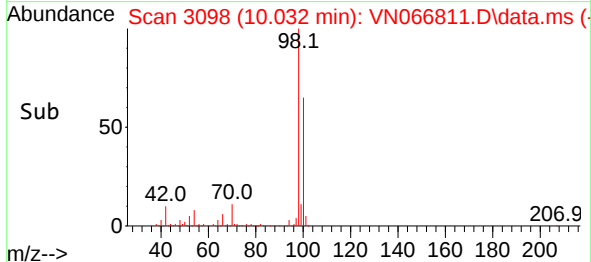
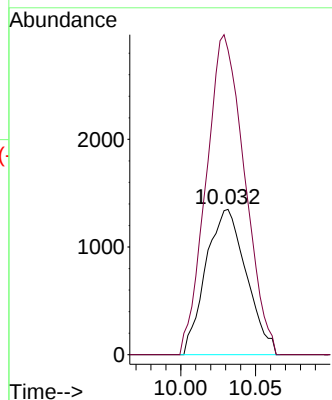
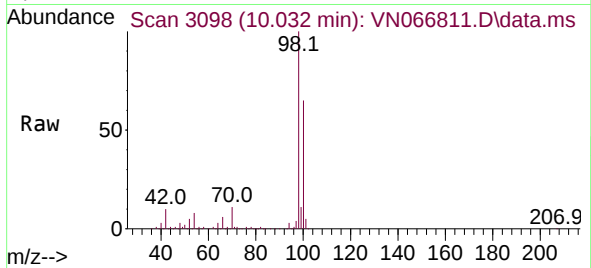




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

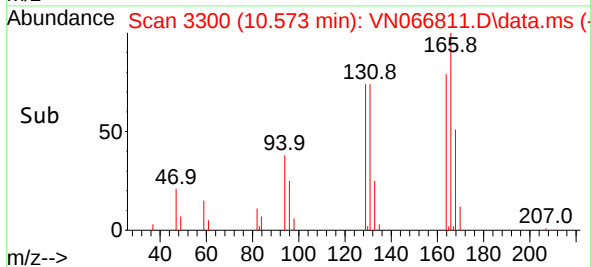
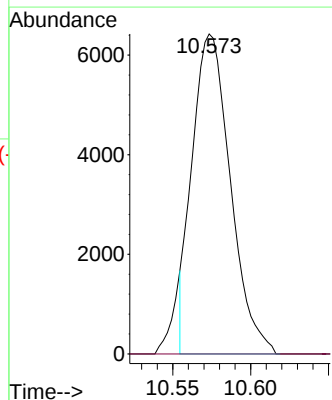
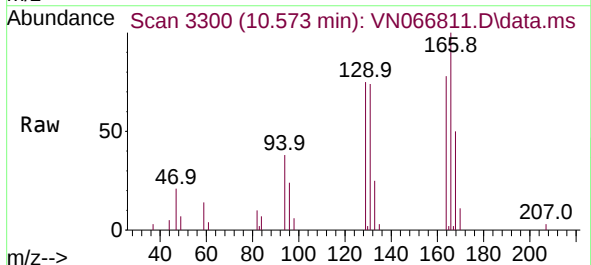
Instrument :
MSVOA_N
ClientSampled :

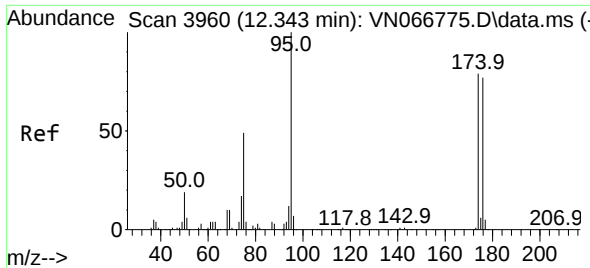
Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
58 208.6 32.5 48.7#



#60
Dibromochloromethane
Concen: 2.81 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

Tgt Ion: 129 Resp: 10932
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

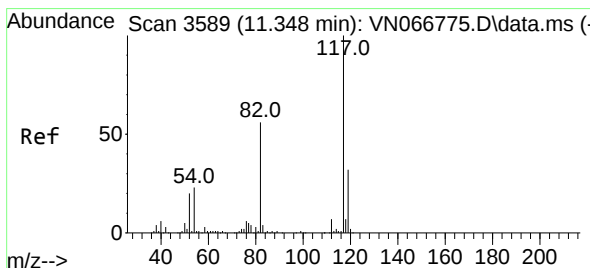
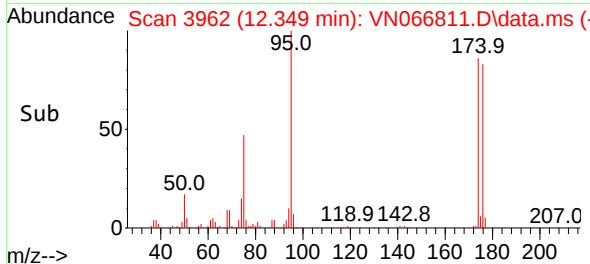
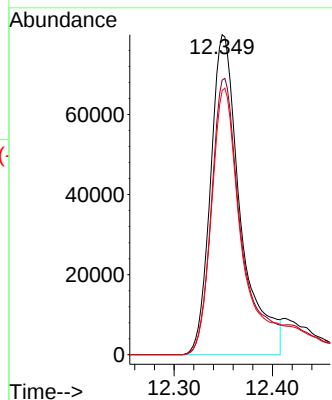
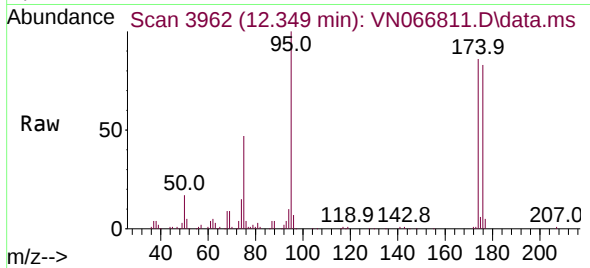




#62
4-Bromofluorobenzene
Concen: 38.58 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

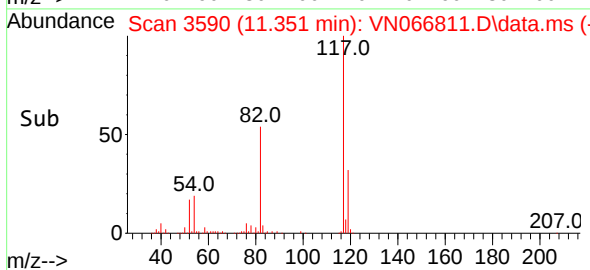
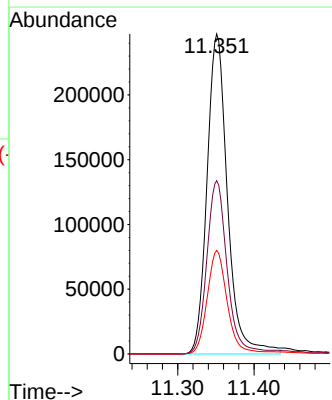
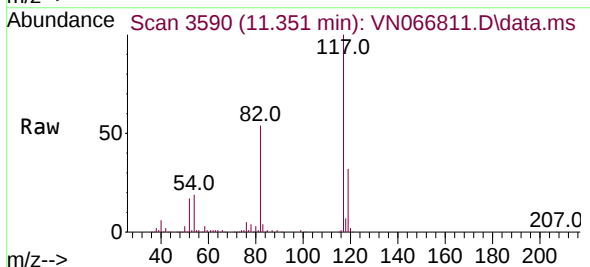
Instrument :
MSVOA_N
ClientSampleId :

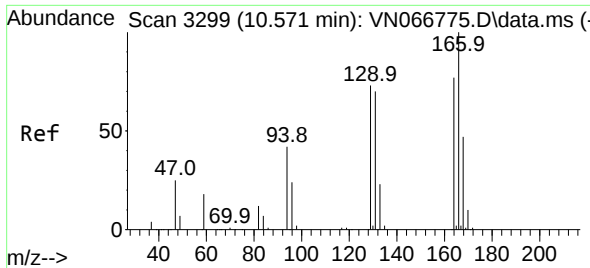
Tgt Ion:	95	Resp:	169398
Ion Ratio	Lower	Upper	
95	100		
174	86.6	0.0	169.0
176	93.5	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

Tgt Ion:	117	Resp:	460719
Ion Ratio	Lower	Upper	
117	100		
82	54.1	43.7	65.5
119	32.3	26.1	39.1

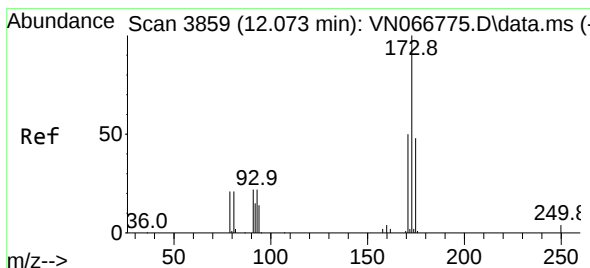
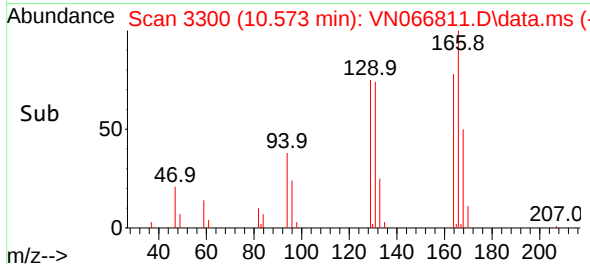
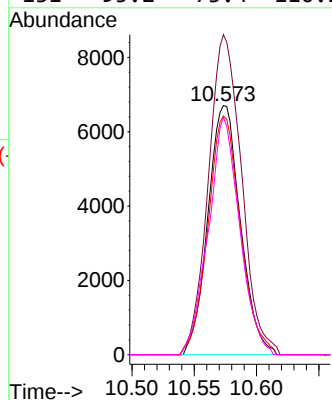
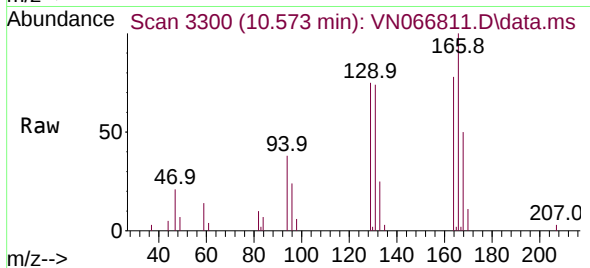




#64
Tetrachloroethene
Concen: 3.98 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

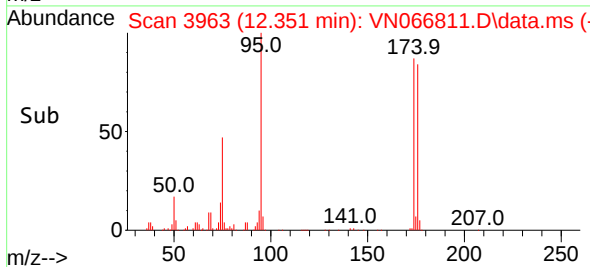
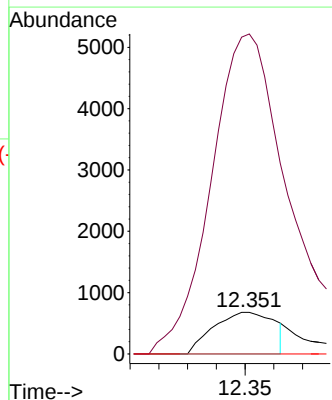
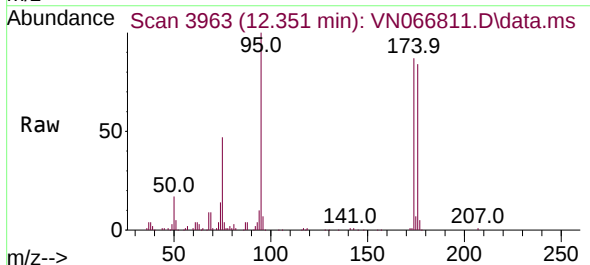
Instrument :
MSVOA_N
ClientSampleId :

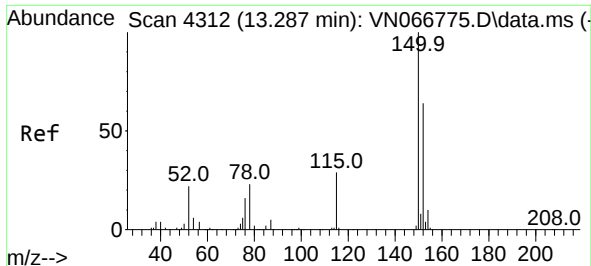
Tgt Ion:164	Resp:	12128
Ion Ratio	Lower	Upper
164	100	
166	128.4	102.6 154.0
129	95.8	76.2 114.4
131	95.2	73.4 110.2



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

Tgt Ion:173	Resp:	1000
Ion Ratio	Lower	Upper
173	100	
175	777.6	23.8 71.2#
254	0.0	0.0 0.0

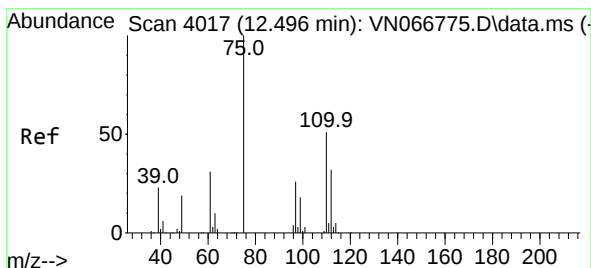
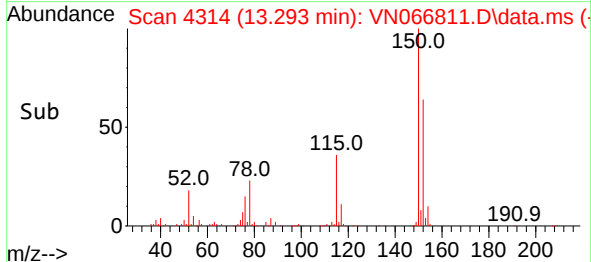
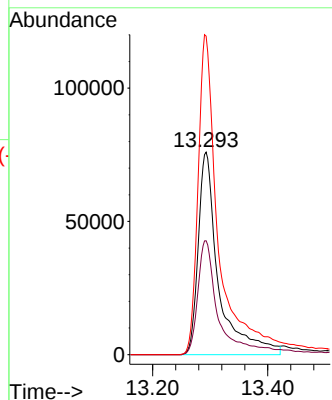
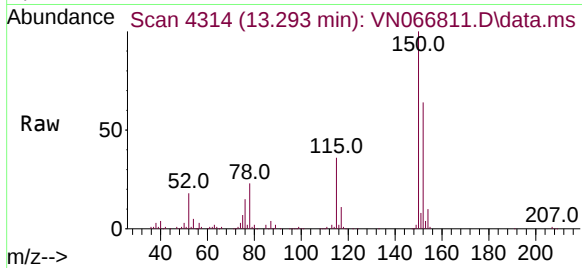




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

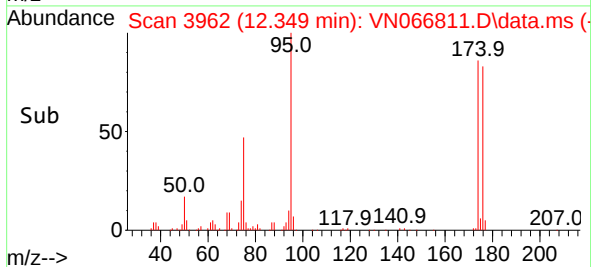
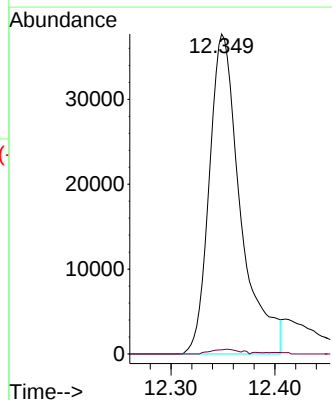
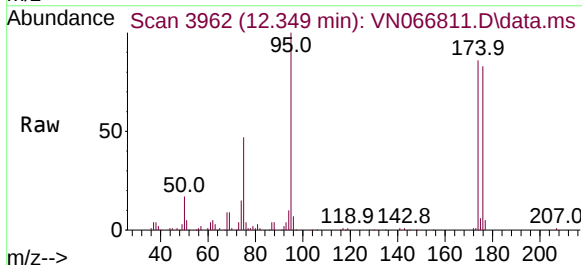
Instrument :
MSVOA_N
ClientSampled :

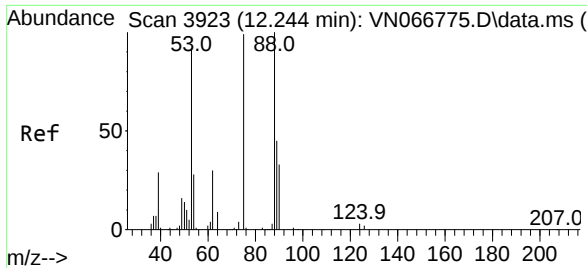
Tgt Ion:152 Resp: 187725
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.6
150 164.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 19.88 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066811.D
Acq: 28 Apr 2021 14:44

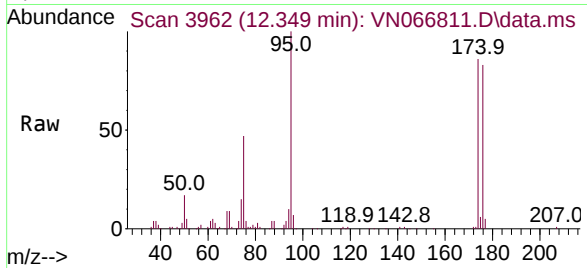
Tgt Ion: 75 Resp: 78652
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



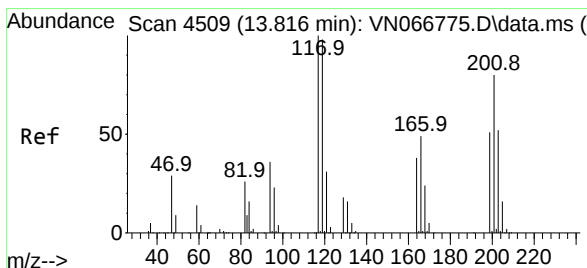
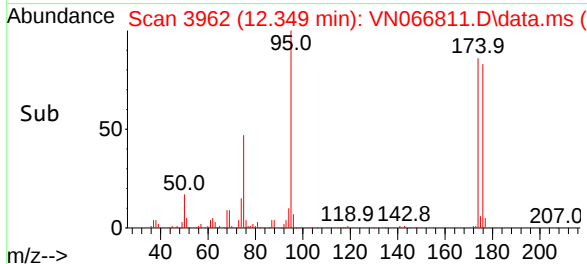
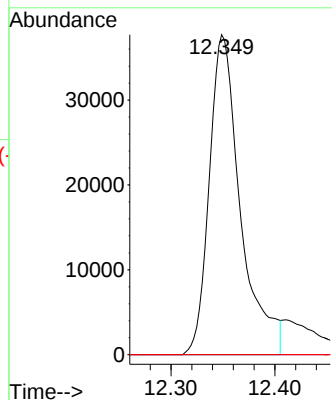


#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.76 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066811.D
 Acq: 28 Apr 2021 14:44

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 78652
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#



#90
 Hexachloroethane
 Concen: 0.61 ug/l
 RT: 13.821 min Scan# 4511
 Delta R.T. 0.005 min
 Lab File: VN066811.D
 Acq: 28 Apr 2021 14:44

Tgt Ion: 117 Resp: 1406
 Ion Ratio Lower Upper
 117 100
 201 66.6 37.8 113.3

