

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066014.D
 Acq On : 24 Feb 2021 19:15
 Operator : JC/MD
 Sample : M1474-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 02:17:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

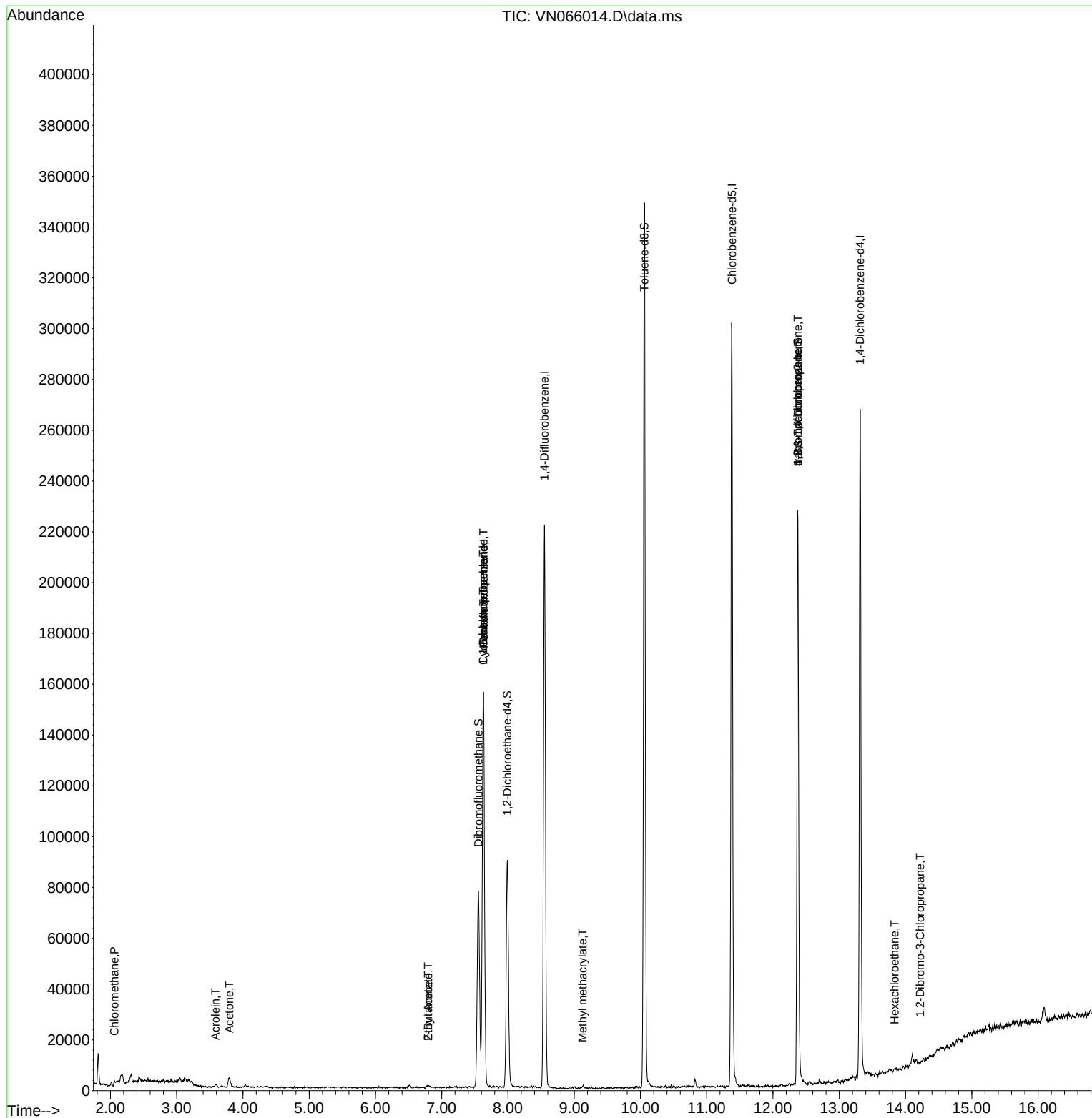
Internal Standards						
1) Pentafluorobenzene	7.631	168	124312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	202397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	183983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	74551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	83085	47.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.58%		
35) Dibromofluoromethane	7.553	113	60719	48.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.94%		
50) Toluene-d8	10.058	98	243517	47.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.72%		
62) 4-Bromofluorobenzene	12.373	95	89815	46.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.06%		
Target Compounds						
						Qvalue
3) Chloromethane	2.058	50	810	0.40	ug/l	95
13) Acrolein	3.586	56	1276	5.77	ug/l #	77
16) Acetone	3.795	43	7070	11.42	ug/l #	86
25) 2-Butanone	6.795	43	1994	2.32	ug/l	97
31) Cyclohexane	7.624	56	2547	0.98	ug/l #	9
36) 1,1-Dichloropropene	7.624	75	9765	4.89	ug/l #	47
37) Ethyl Acetate	6.795	43	1994	1.11	ug/l #	68
38) Carbon Tetrachloride	7.627	117	12604	6.80	ug/l #	16
48) Methyl methacrylate	9.126	41	329	0.23	ug/l #	10
76) 1,2,3-Trichloropropane	12.373	75	45871	25.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	45871	81.63	ug/l #	12
90) Hexachloroethane	13.836	117	251	0.29	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.219	75	177	1.34	ug/l #	1

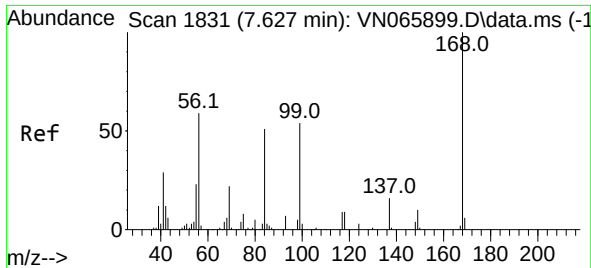
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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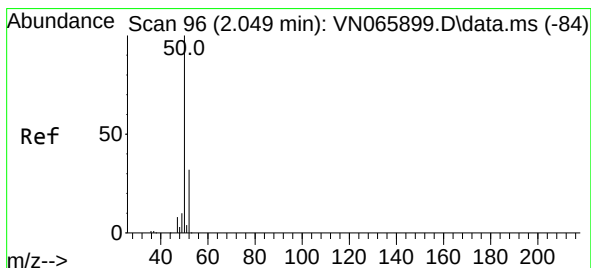
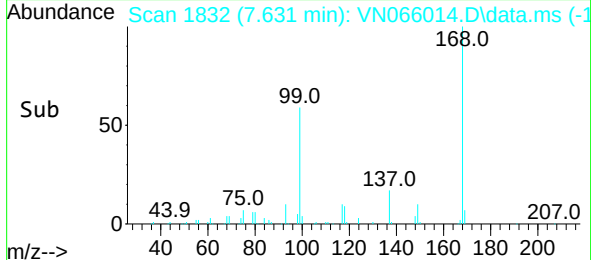
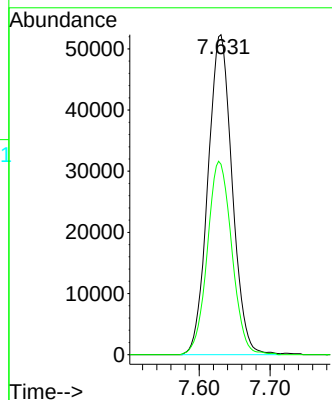
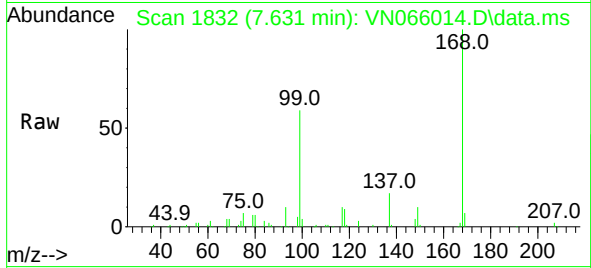




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

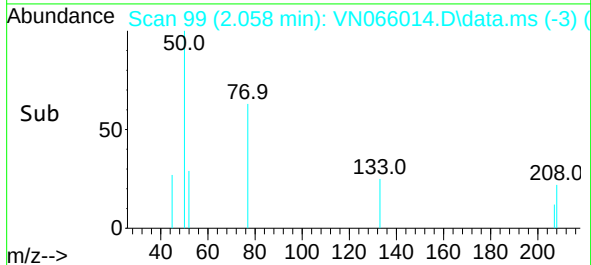
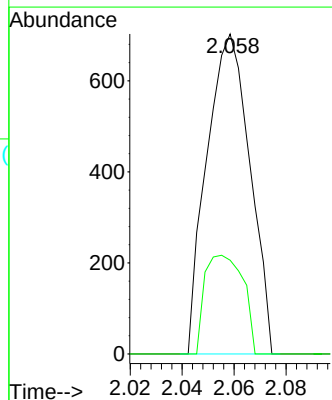
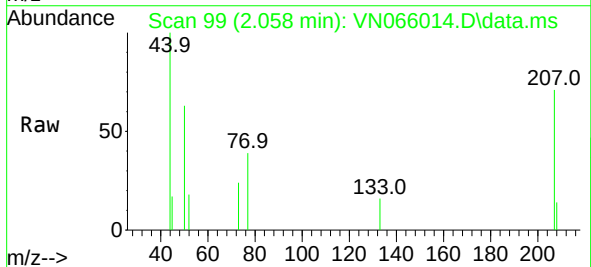
Instrument :
MSVOA_N
ClientSampleId :

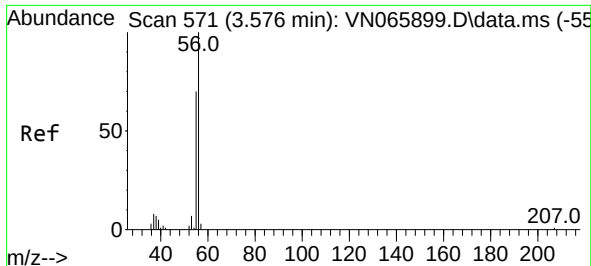
Tgt Ion:168 Resp: 124312
Ion Ratio Lower Upper
168 100
99 59.5 42.6 63.8



#3
Chloromethane
Concen: 0.40 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

Tgt Ion: 50 Resp: 810
Ion Ratio Lower Upper
50 100
52 29.3 25.8 38.8

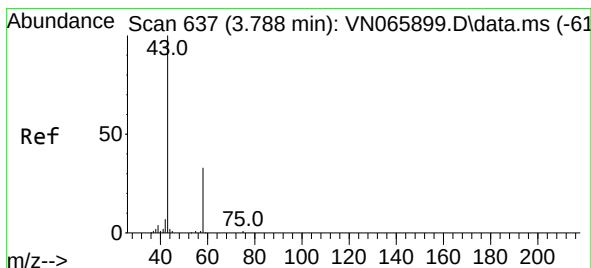
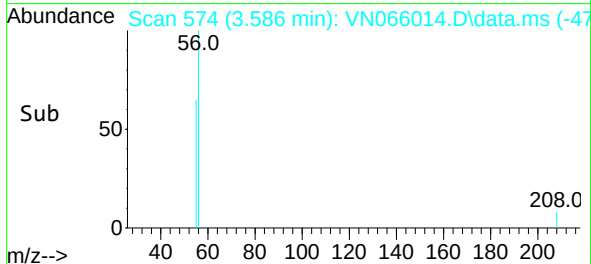
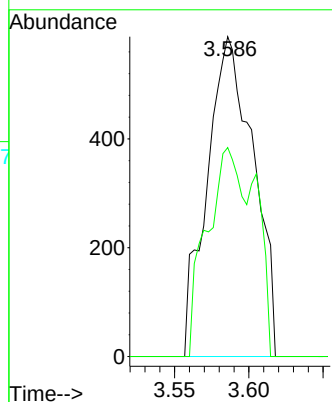
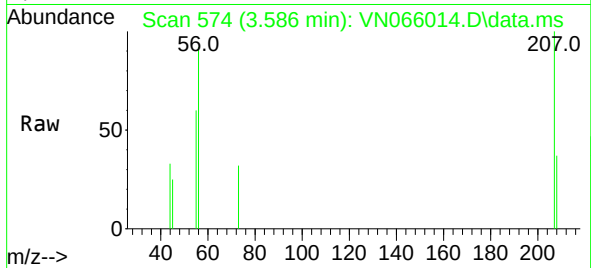




#13
Acrolein
Concen: 5.77 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

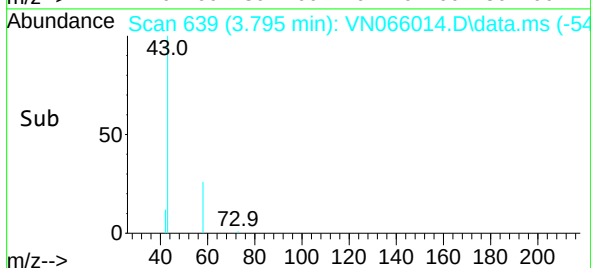
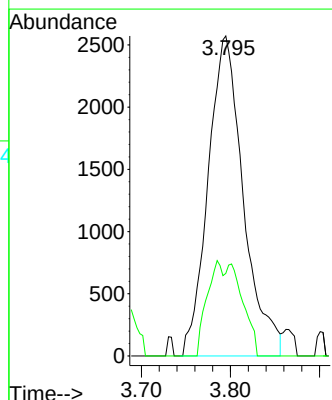
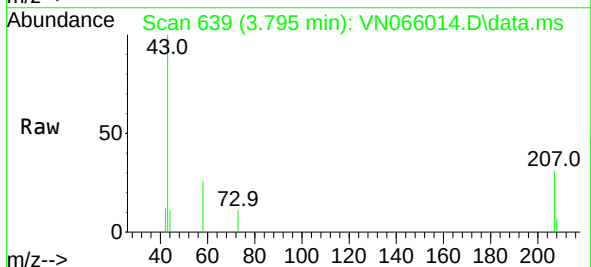
Instrument :
MSVOA_N
ClientSampled :

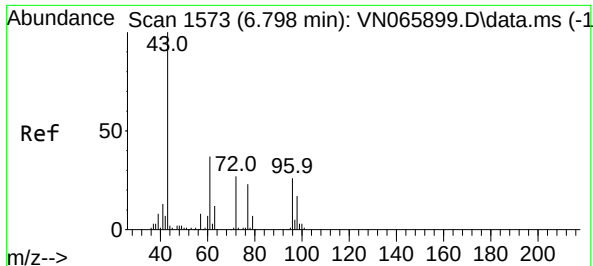
Tgt Ion: 56 Resp: 1276
Ion Ratio Lower Upper
56 100
55 51.5 56.0 84.0#



#16
Acetone
Concen: 11.42 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

Tgt Ion: 43 Resp: 7070
Ion Ratio Lower Upper
43 100
58 25.8 27.0 40.6#

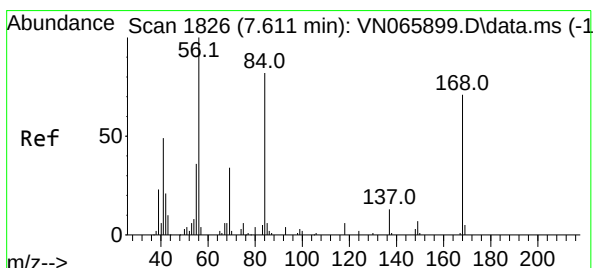
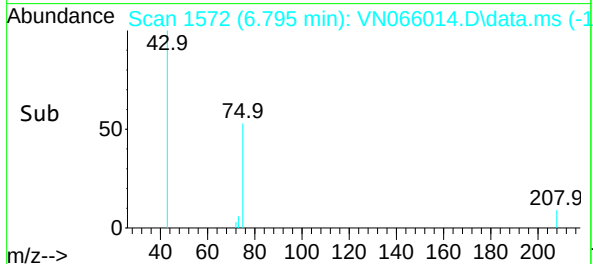
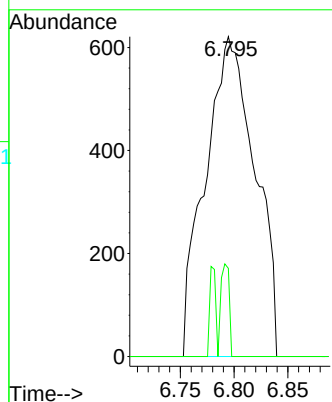
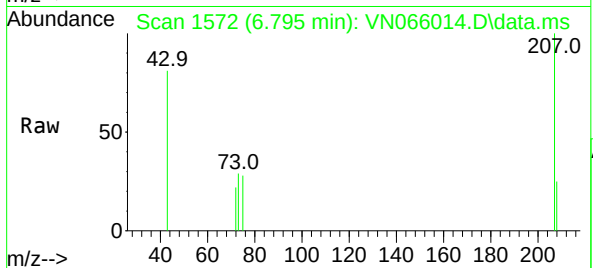




#25
2-Butanone
Concen: 2.32 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

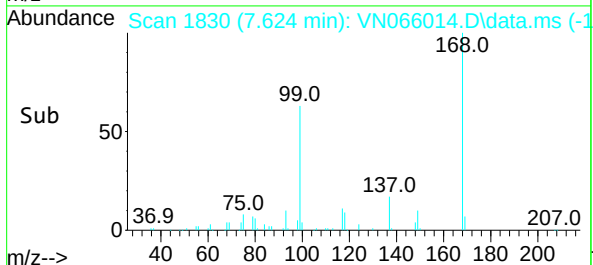
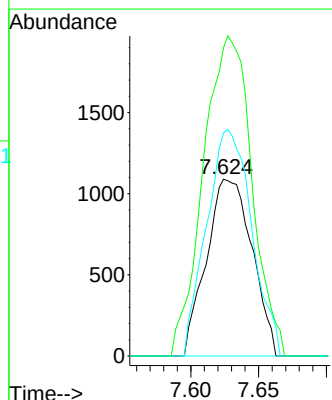
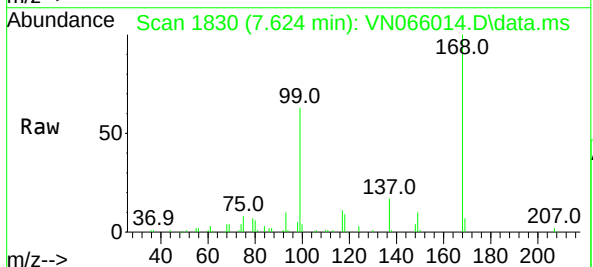
Instrument :
MSVOA_N
ClientSampleId :

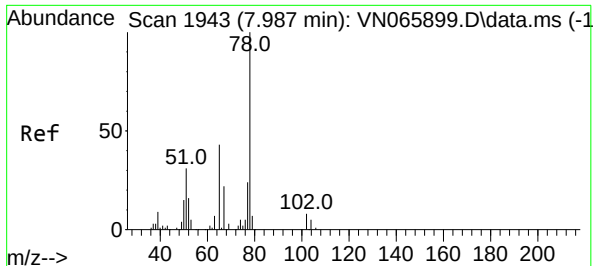
Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
72 27.5 23.1 34.7



#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

Tgt Ion: 56 Resp: 2547
Ion Ratio Lower Upper
56 100
69 159.9 26.6 39.8#
84 126.1 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 47.79 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN066014.D

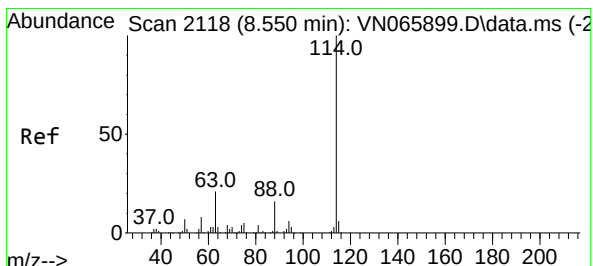
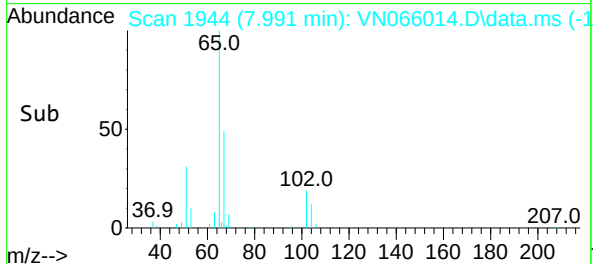
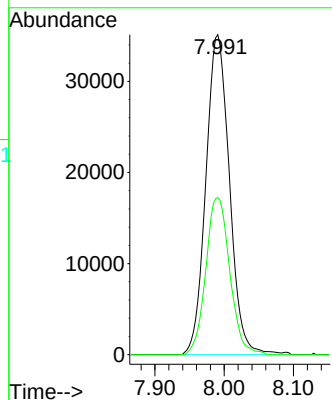
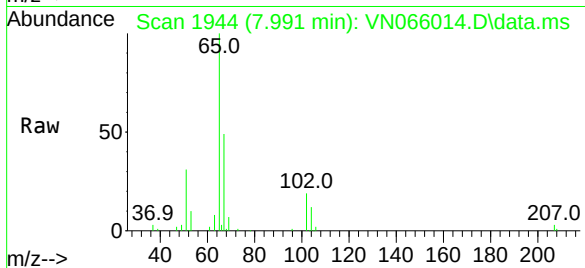
Acq: 24 Feb 2021 19:15

Tgt Ion: 65 Resp: 83085

Ion Ratio Lower Upper

65 100

67 49.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VN066014.D

Acq: 24 Feb 2021 19:15

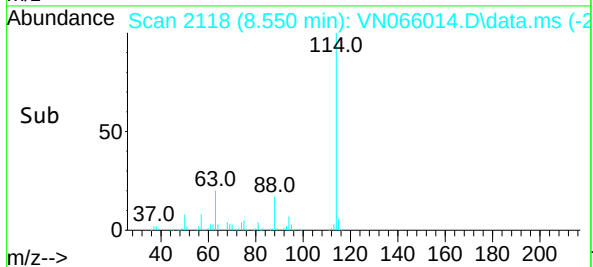
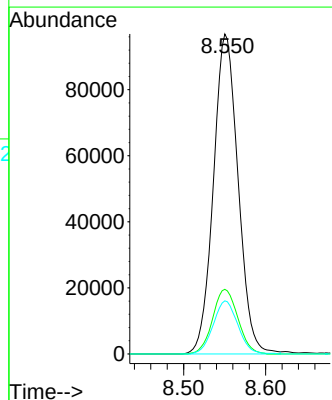
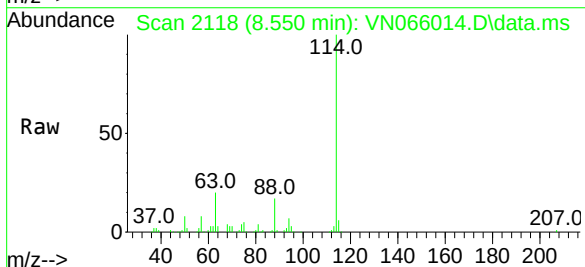
Tgt Ion: 114 Resp: 202397

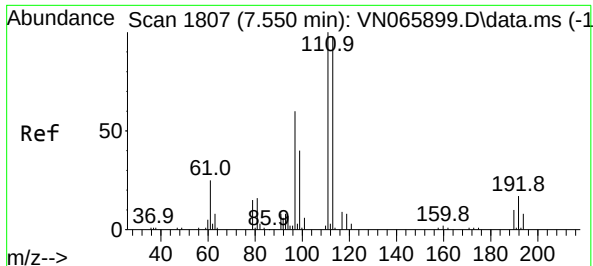
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.47 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN066014.D

Acq: 24 Feb 2021 19:15

Tgt Ion:113 Resp: 60719

Ion Ratio Lower Upper

113 100

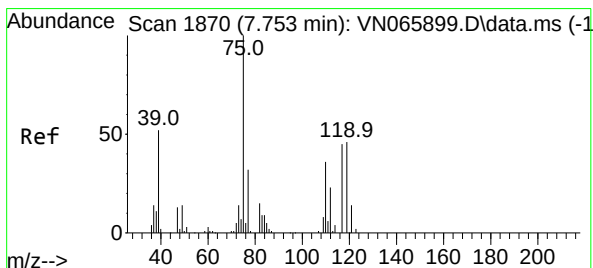
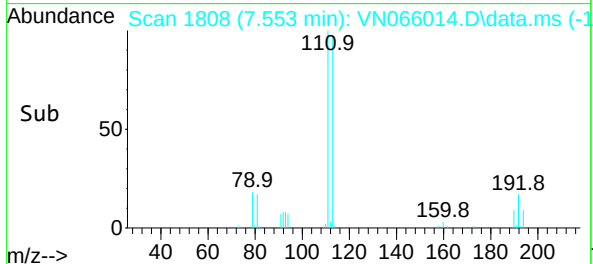
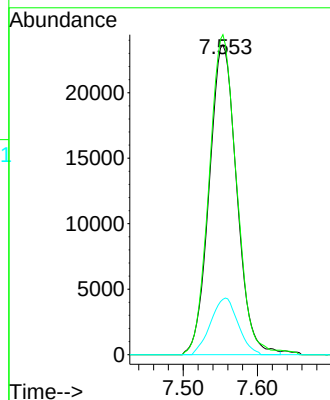
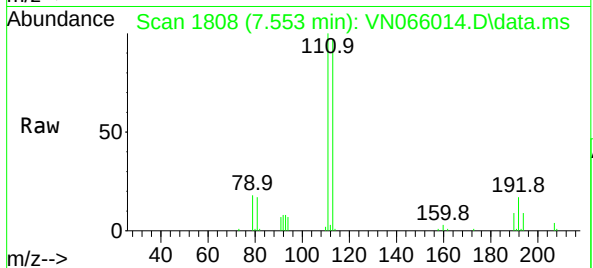
111 103.5 82.2 123.2

192 18.3 15.4 23.0

Instrument :

MSVOA_N

ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.89 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.129 min

Lab File: VN066014.D

Acq: 24 Feb 2021 19:15

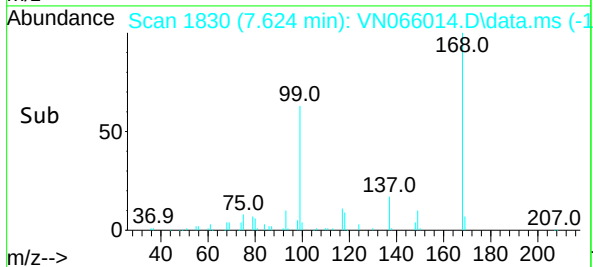
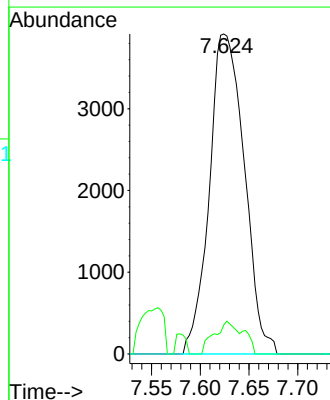
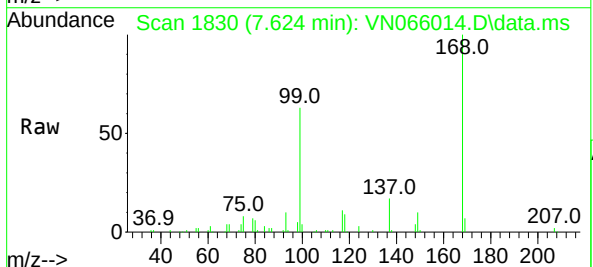
Tgt Ion: 75 Resp: 9765

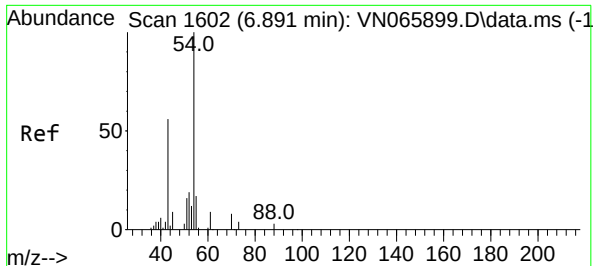
Ion Ratio Lower Upper

75 100

110 6.6 18.2 54.6#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.11 ug/l

RT: 6.795 min Scan# 1572

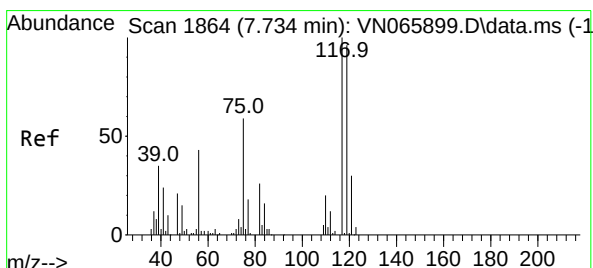
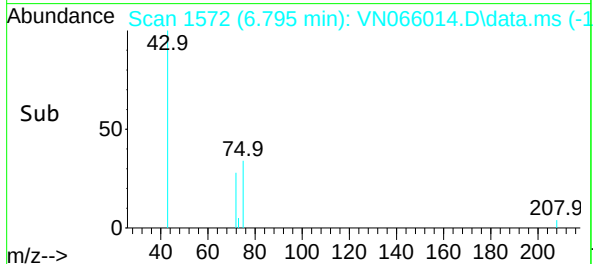
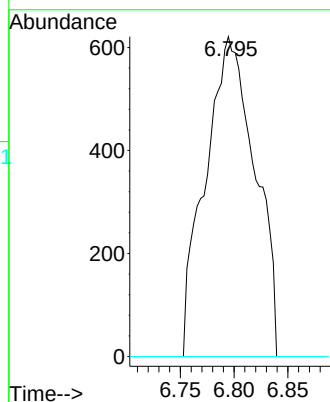
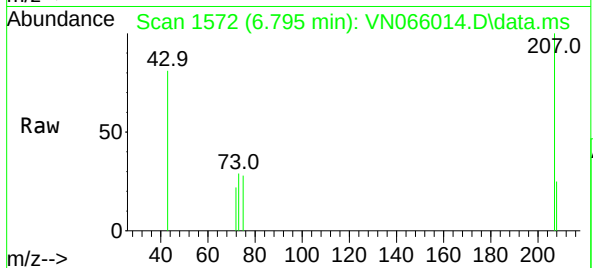
Delta R.T. -0.096 min

Lab File: VN066014.D

Acq: 24 Feb 2021 19:15

Tgt Ion: 43	Resp: 1994
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.80 ug/l

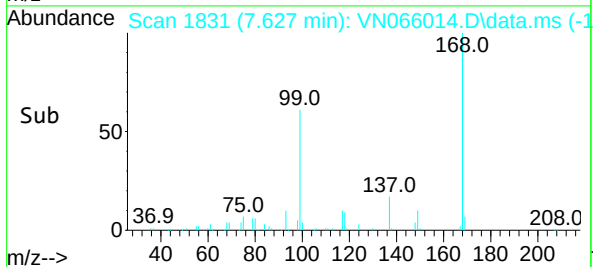
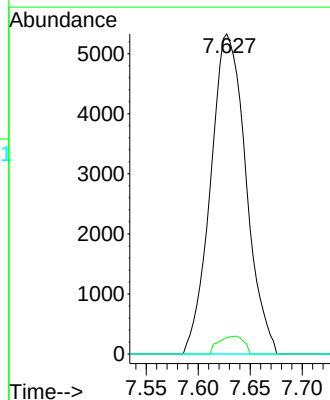
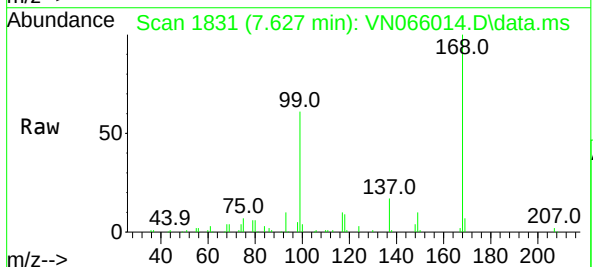
RT: 7.627 min Scan# 1831

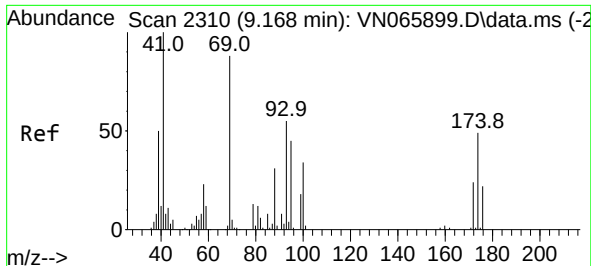
Delta R.T. -0.107 min

Lab File: VN066014.D

Acq: 24 Feb 2021 19:15

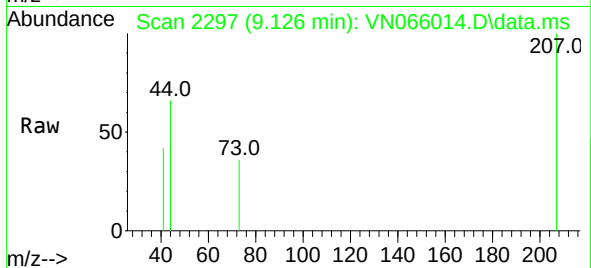
Tgt Ion: 117	Resp: 12604
Ion Ratio	Lower Upper
117 100	
119 5.1	76.0 114.0#
121 0.0	24.5 36.7#



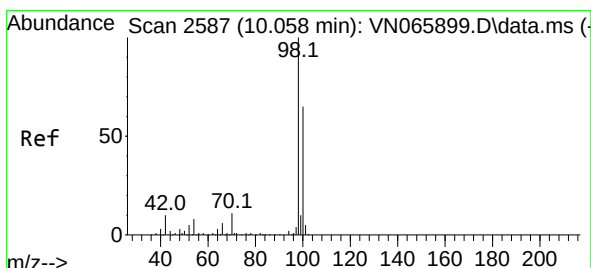
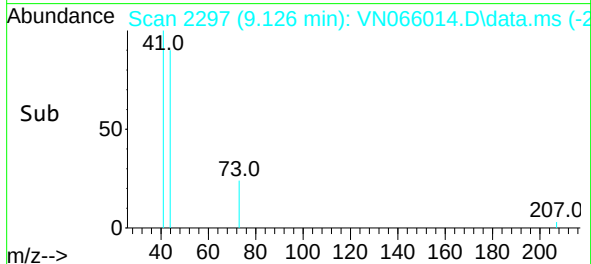
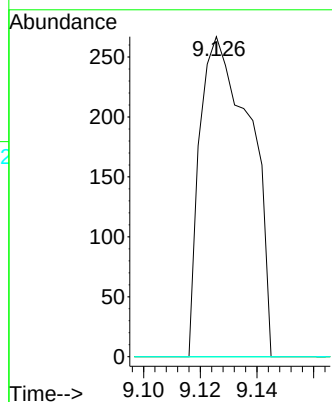


#48
Methyl methacrylate
Concen: 0.23 ug/l
RT: 9.126 min Scan# 2297
Delta R.T. -0.042 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

Instrument :
MSVOA_N
ClientSampled :

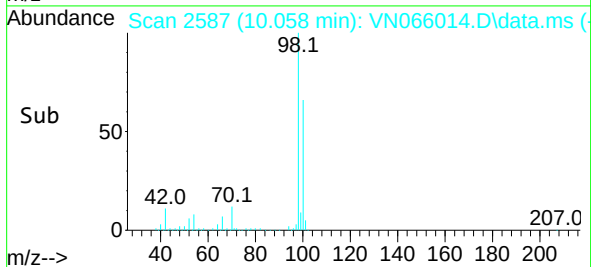
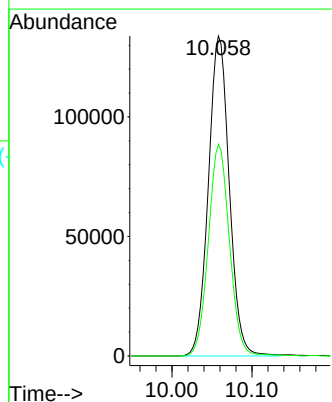
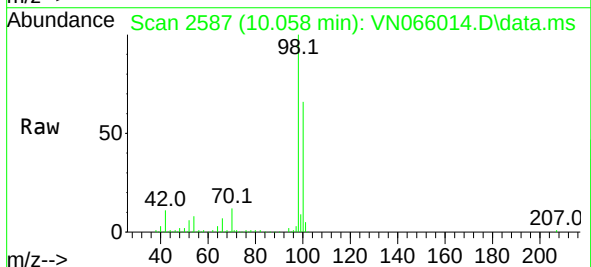


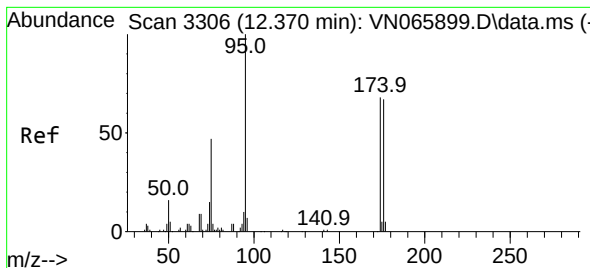
Tgt Ion: 41 Resp: 329
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 47.36 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

Tgt Ion: 98 Resp: 243517
Ion Ratio Lower Upper
98 100
100 66.8 50.5 75.7

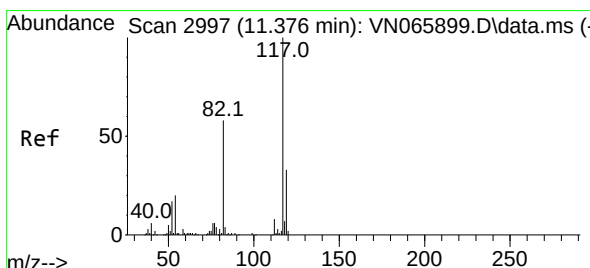
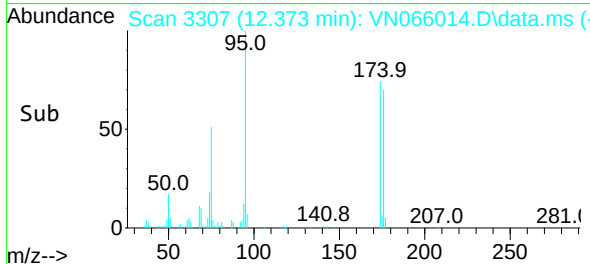
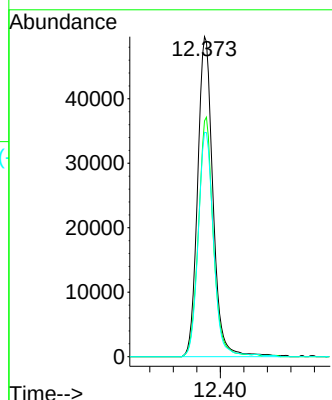
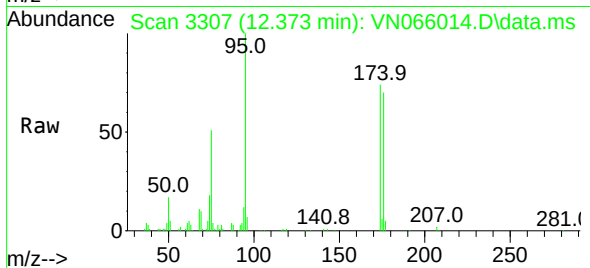




#62
4-Bromofluorobenzene
Concen: 46.53 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

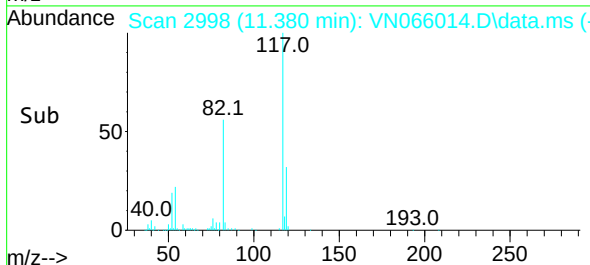
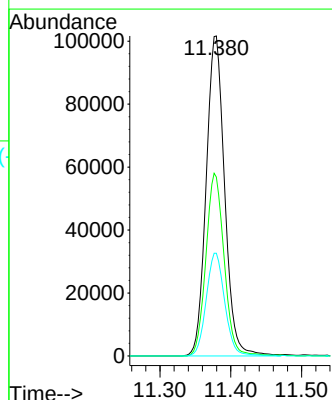
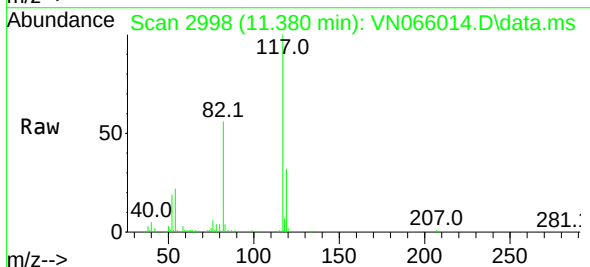
Instrument :
MSVOA_N
ClientSampled :

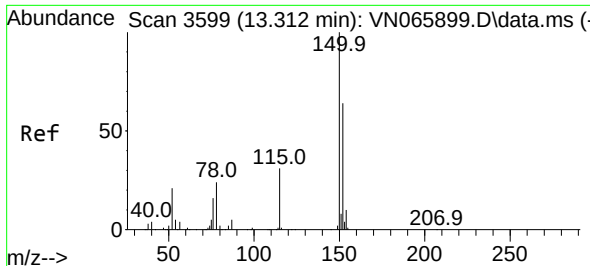
Tgt Ion: 95 Resp: 89815
Ion Ratio Lower Upper
95 100
174 72.4 0.0 169.0
176 69.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

Tgt Ion: 117 Resp: 183983
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 32.1 26.1 39.1

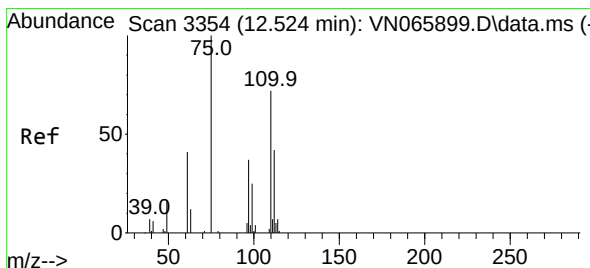
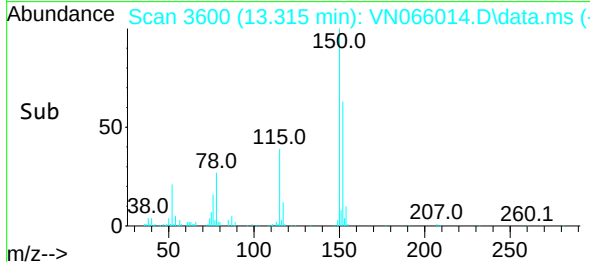
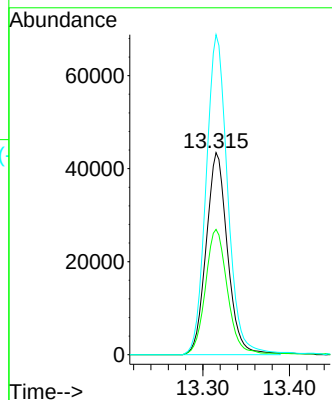
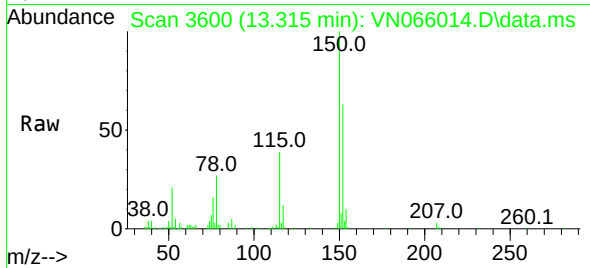




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066014.D
 Acq: 24 Feb 2021 19:15

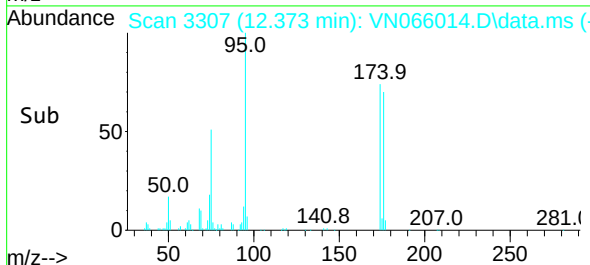
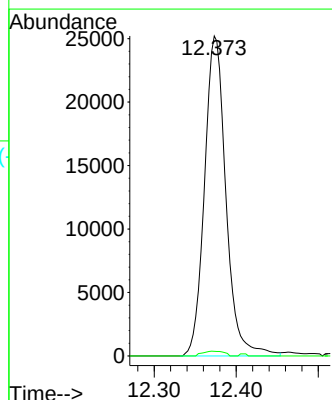
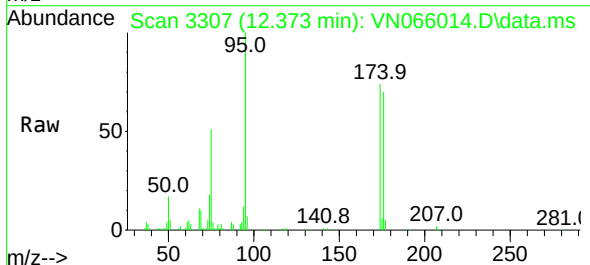
Instrument :
 MSVOA_N
 ClientSampleId :

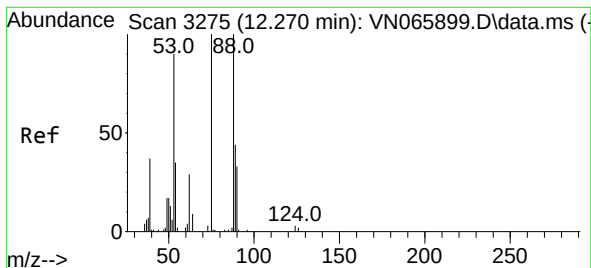
Tgt Ion:152 Resp: 74551
 Ion Ratio Lower Upper
 152 100
 115 63.9 28.5 85.6
 150 160.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 25.61 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066014.D
 Acq: 24 Feb 2021 19:15

Tgt Ion: 75 Resp: 45871
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

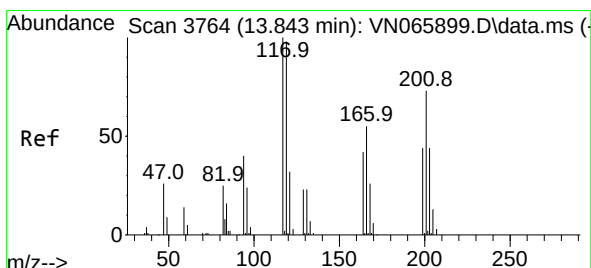
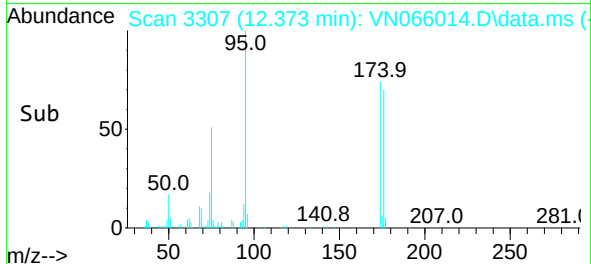
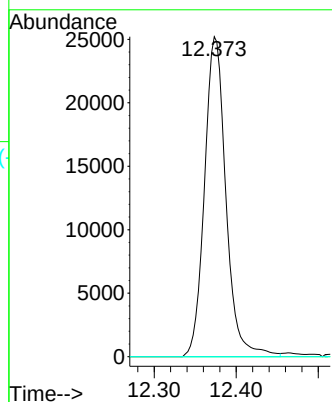
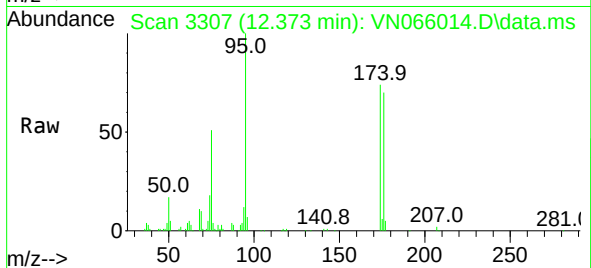




#81
trans-1,4-Dichloro-2-butene
Concen: 81.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

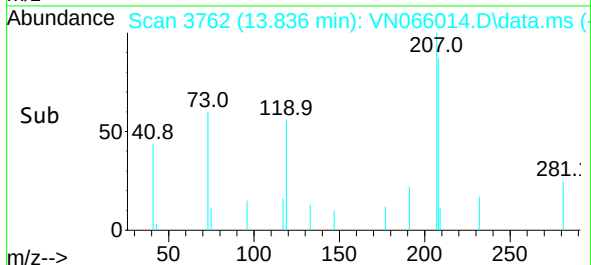
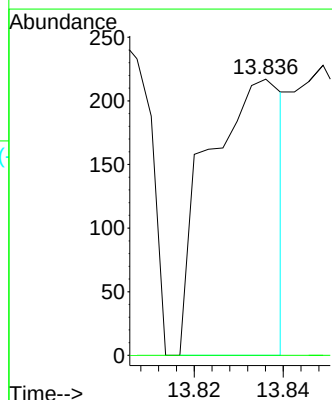
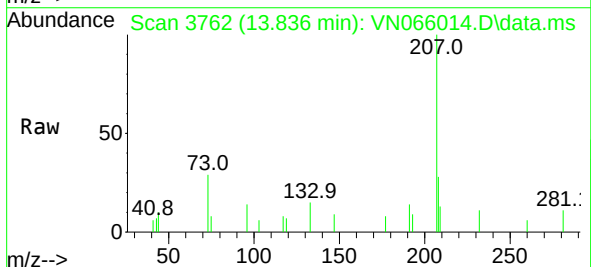
Instrument :
MSVOA_N
ClientSampled :

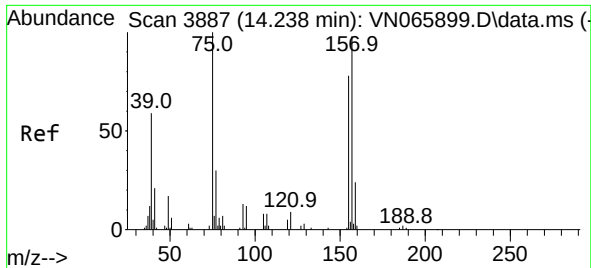
Tgt Ion: 75 Resp: 45871
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.29 ug/l
RT: 13.836 min Scan# 3762
Delta R.T. -0.007 min
Lab File: VN066014.D
Acq: 24 Feb 2021 19:15

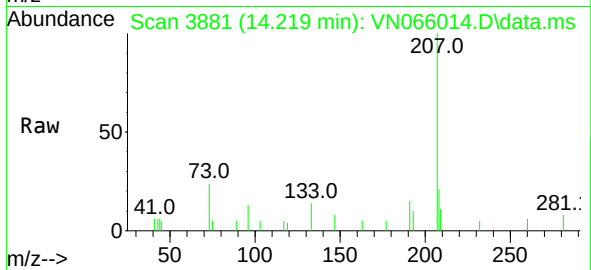
Tgt Ion: 117 Resp: 251
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.34 ug/l
 RT: 14.219 min Scan# 3881
 Delta R.T. -0.019 min
 Lab File: VN066014.D
 Acq: 24 Feb 2021 19:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	177
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.1	132.4#
157	0.0	56.0	168.2#

