

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066239.D
 Acq On : 17 Mar 2021 17:08
 Operator : JC/MD
 Sample : M1687-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 18 04:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

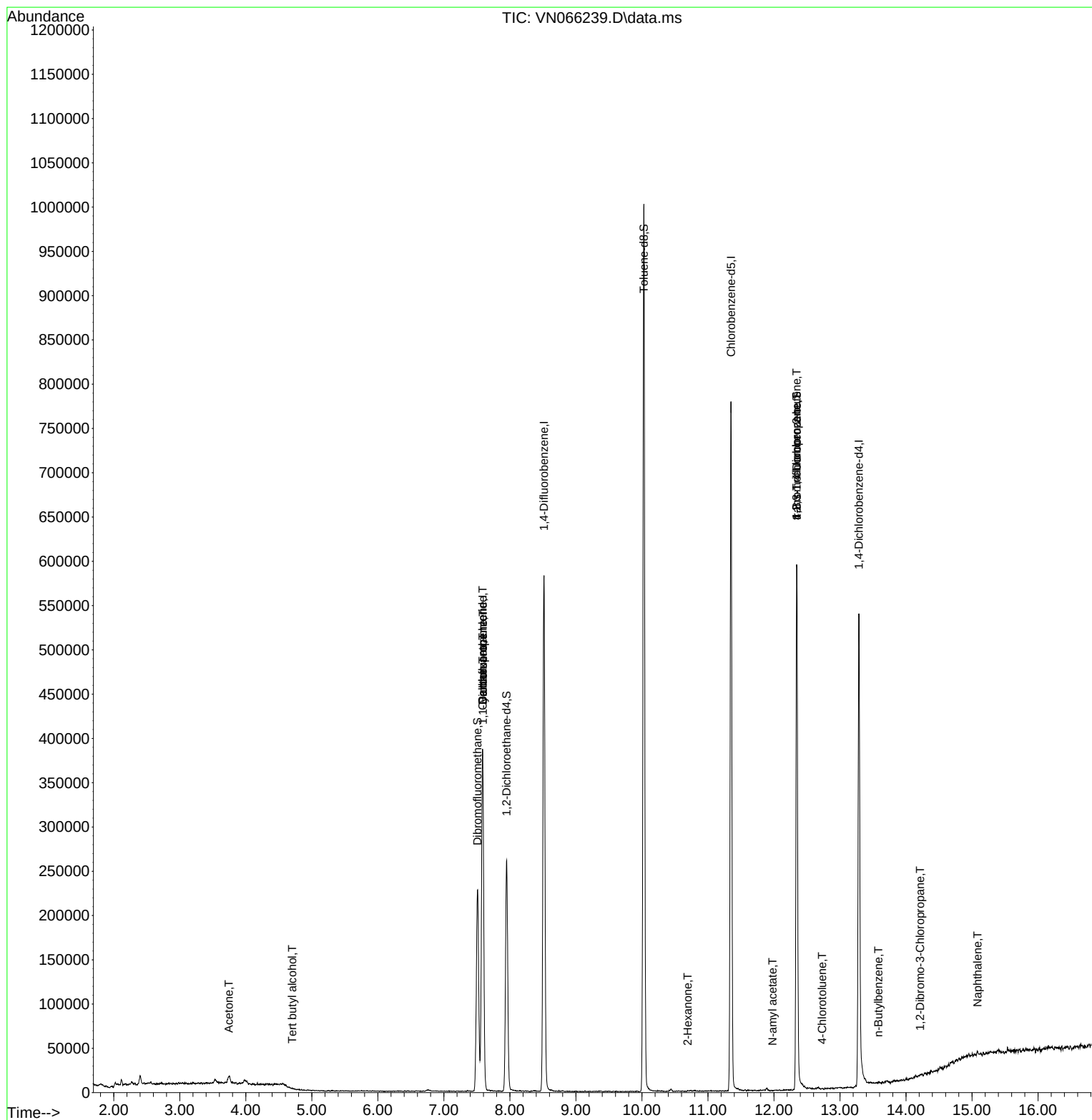
Internal Standards						
1) Pentafluorobenzene	7.587	168	347251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	517359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	439851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	157643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	218492	43.67	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.34%		
35) Dibromofluoromethane	7.509	113	175704	53.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.48%		
50) Toluene-d8	10.030	98	688351	53.94	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.88%		
62) 4-Bromofluorobenzene	12.345	95	208277	45.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.56%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.704	59	609	0.71	ug/l #	73
13) Acrolein	3.537	56	3825	Below Cal	#	76
16) Acetone	3.741	43	11868	4.94	ug/l	98
31) Cyclohexane	7.590	56	5402	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.593	75	21636	4.13	ug/l #	47
38) Carbon Tetrachloride	7.587	117	28779	6.13	ug/l #	18
59) 2-Hexanone	10.696	43	562	1.44	ug/l #	55
74) N-amyl acetate	11.978	43	53	2.17	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	101544	24.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	101544	74.64	ug/l #	11
82) 4-Chlorotoluene	12.731	91	79	0.48	ug/l #	43
89) n-Butylbenzene	13.584	91	78	2.25	ug/l #	51
92) 1,2-Dibromo-3-Chloropr...	14.214	75	233	1.10	ug/l #	8
95) Naphthalene	15.083	128	1887	0.20	ug/l #	70

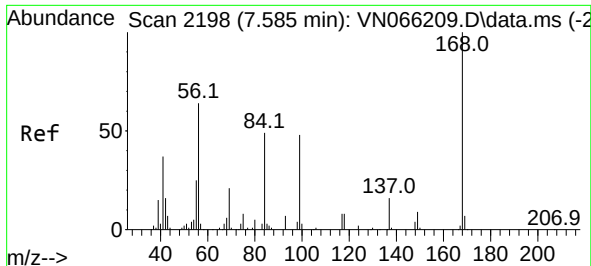
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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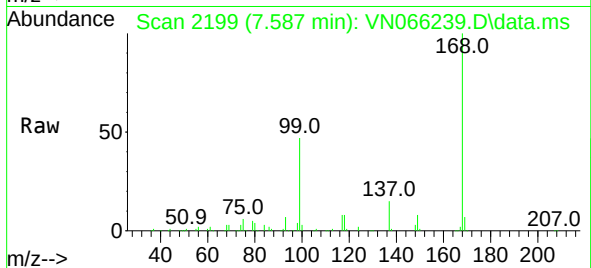
Quant Time: Mar 18 04:46:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration



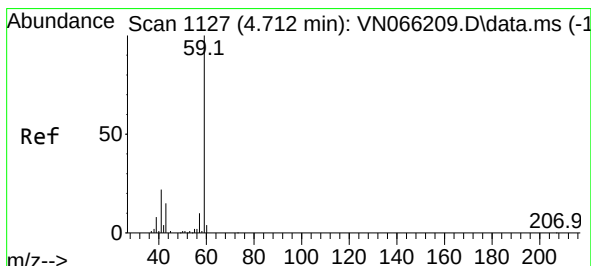
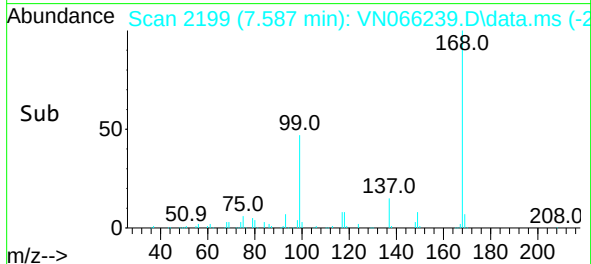
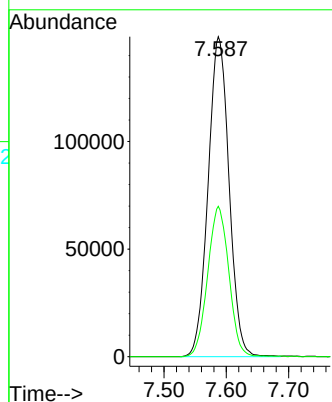


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

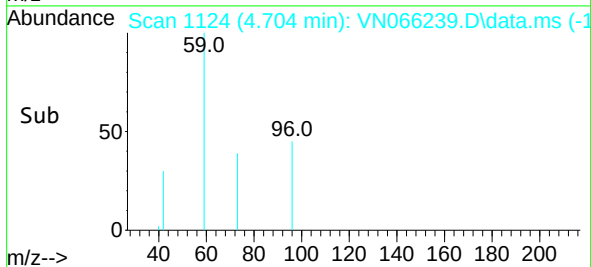
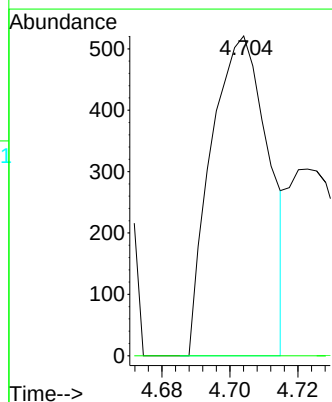
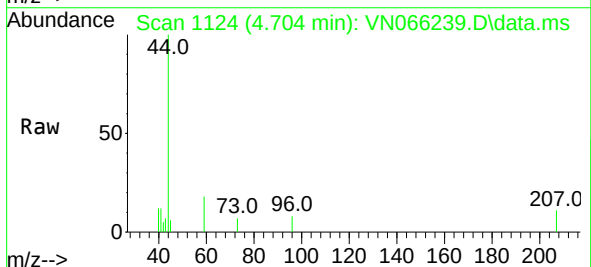


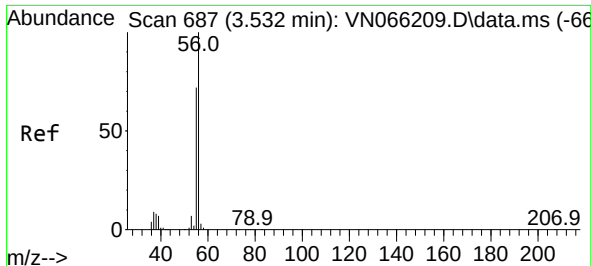
Tgt Ion:168 Resp: 347251
Ion Ratio Lower Upper
168 100
99 47.0 45.4 68.0



#11
Tert butyl alcohol
Concen: 0.71 ug/l
RT: 4.704 min Scan# 1124
Delta R.T. -0.008 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 59 Resp: 609
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

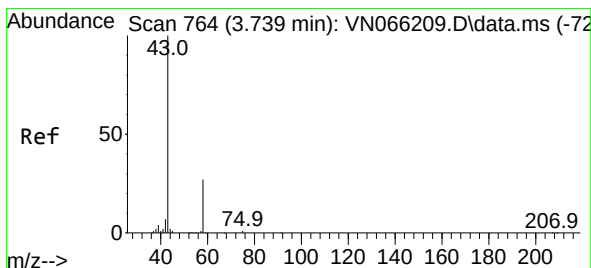
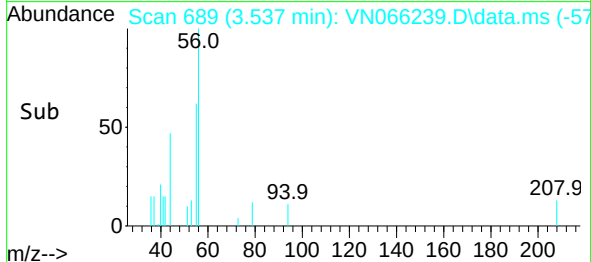
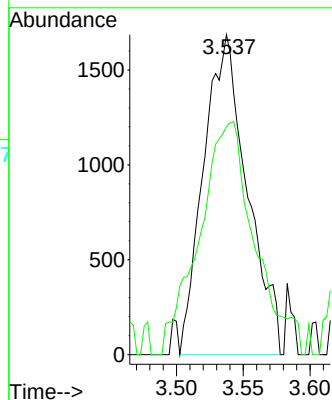
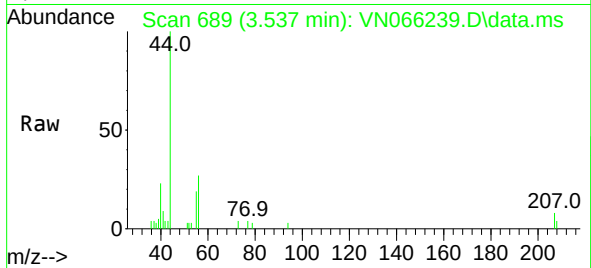




#13
Acrolein
Concen: Below Cal
RT: 3.537 min Scan# 689
Delta R.T. 0.005 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

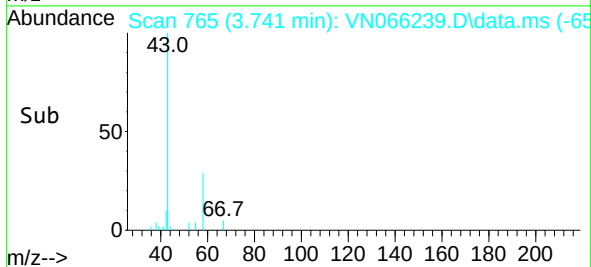
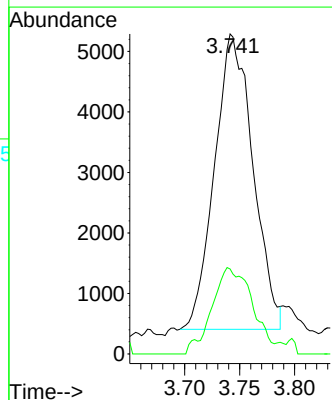
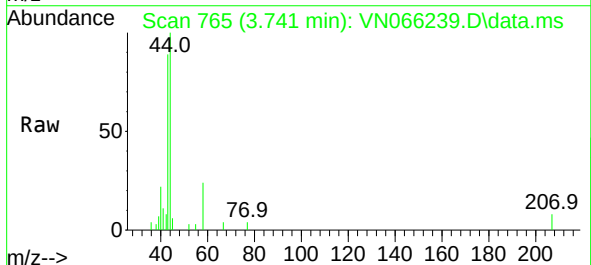
Instrument :
MSVOA_N
ClientSampleId :

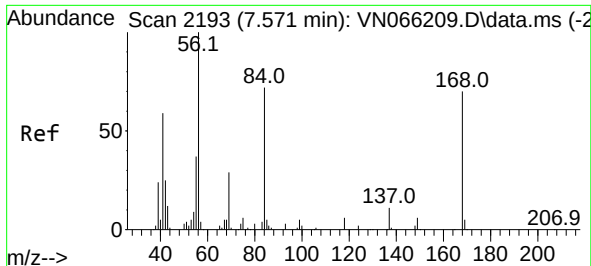
Tgt Ion: 56 Resp: 3825
Ion Ratio Lower Upper
56 100
55 92.4 58.0 87.0#



#16
Acetone
Concen: 4.94 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 43 Resp: 11868
Ion Ratio Lower Upper
43 100
58 28.7 22.3 33.5

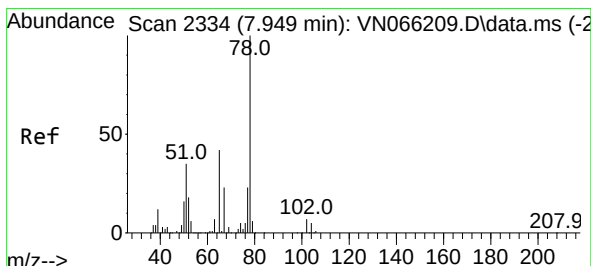
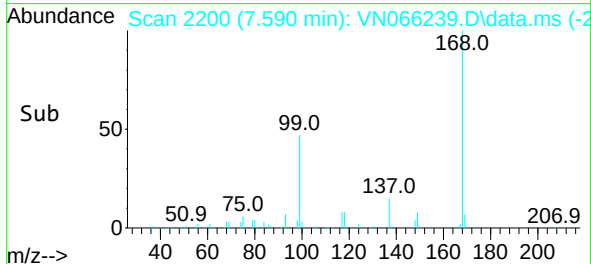
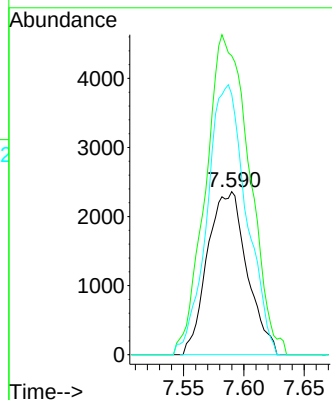
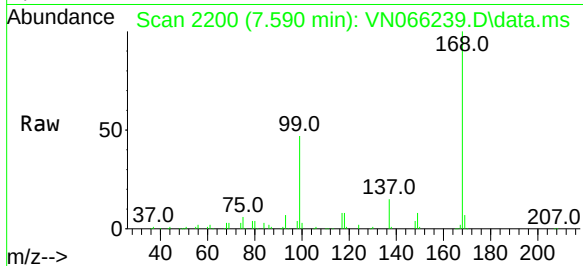




#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.590 min Scan# 2200
Delta R.T. 0.019 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

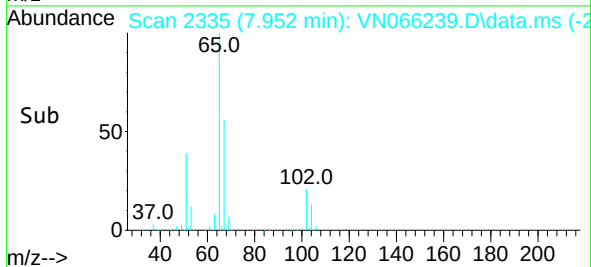
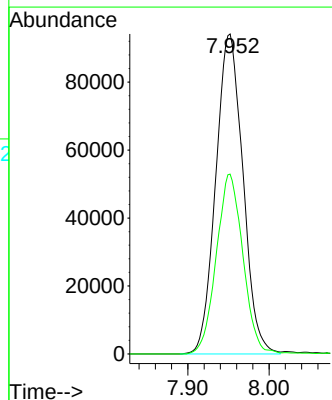
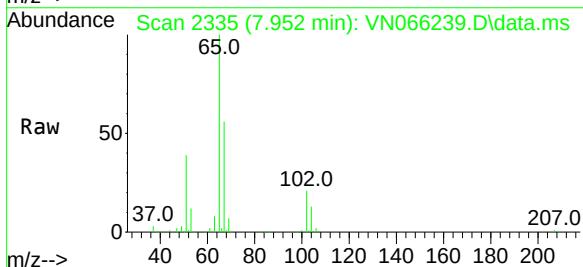
Instrument :
MSVOA_N
ClientSampled :

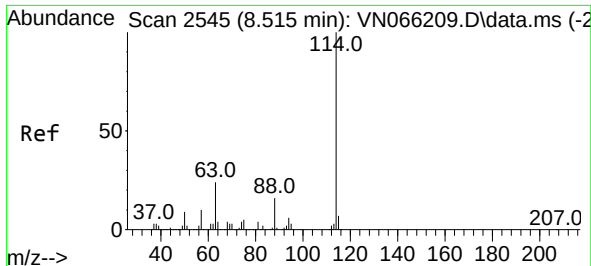
Tgt Ion: 56 Resp: 5402
Ion Ratio Lower Upper
56 100
69 173.6 23.4 35.0#
84 159.7 57.8 86.6#



#33
1,2-Dichloroethane-d4
Concen: 43.67 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. 0.003 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 65 Resp: 218492
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2

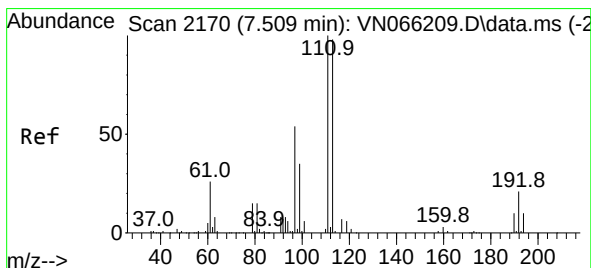
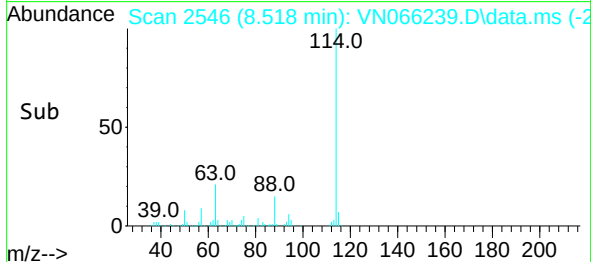
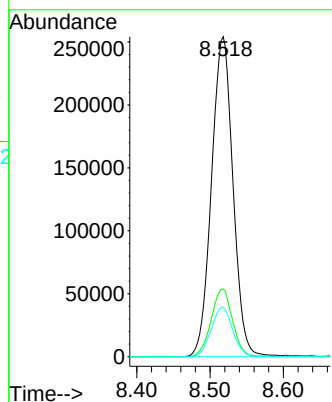
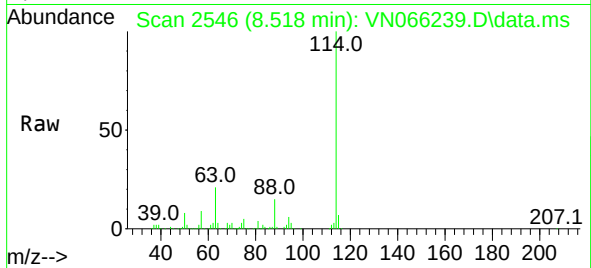




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. 0.003 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

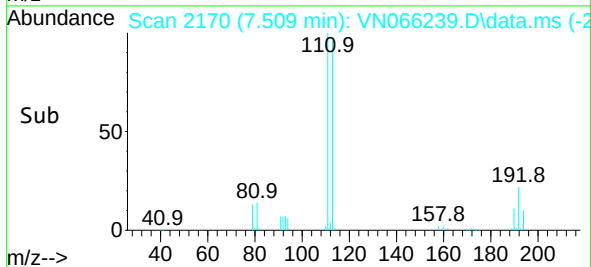
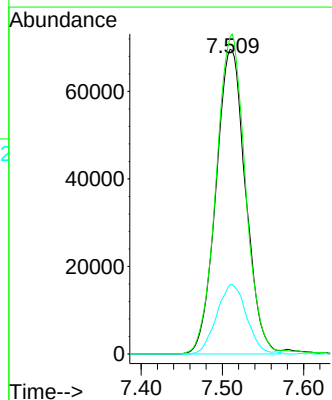
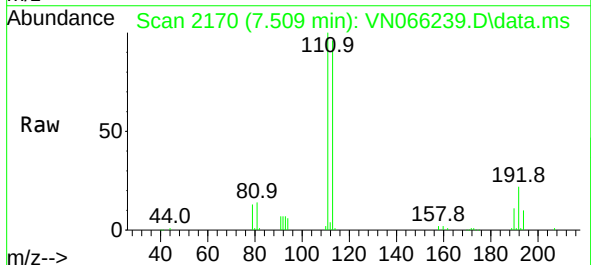
Instrument :
MSVOA_N
ClientSampled :

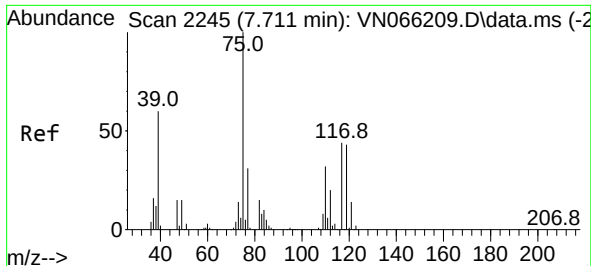
Tgt Ion:114 Resp: 517359
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.2
88 15.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.24 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

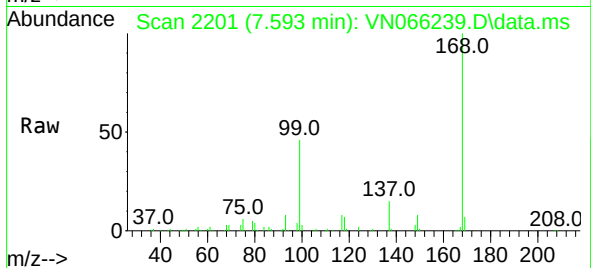
Tgt Ion:113 Resp: 175704
Ion Ratio Lower Upper
113 100
111 103.9 84.0 126.0
192 22.9 16.7 25.1



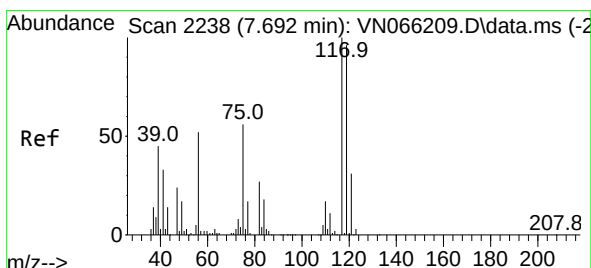
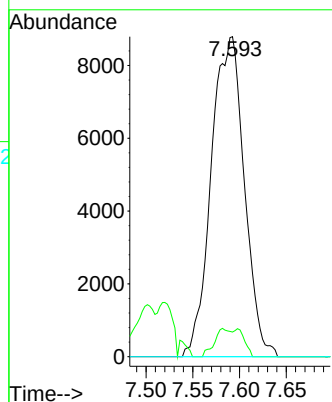
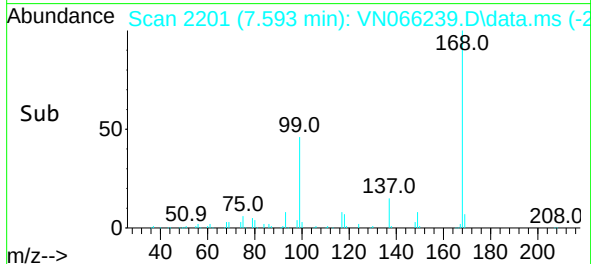


#36
 1,1-Dichloropropene
 Concen: 4.13 ug/l
 RT: 7.593 min Scan# 2201
 Delta R.T. -0.118 min
 Lab File: VN066239.D
 Acq: 17 Mar 2021 17:08

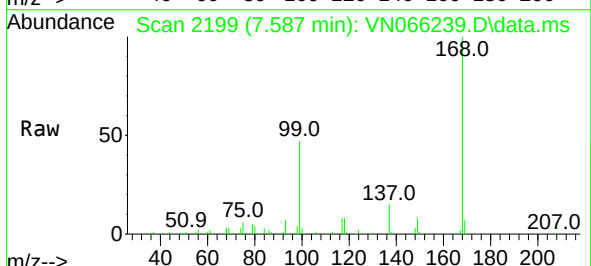
Instrument :
 MSVOA_N
 ClientSampled :



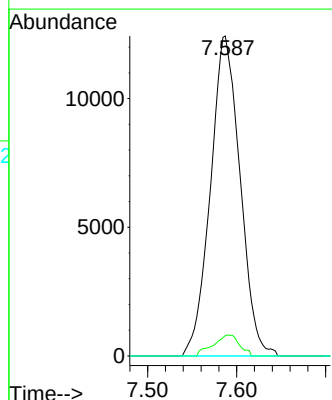
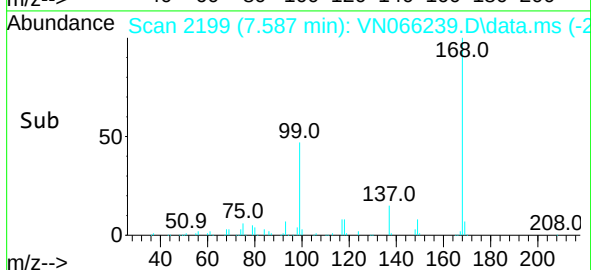
Tgt Ion: 75 Resp: 21636
 Ion Ratio Lower Upper
 75 100
 110 4.6 16.0 48.0#
 77 0.0 24.9 37.3#

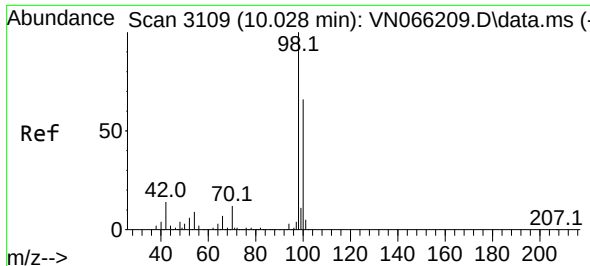


#38
 Carbon Tetrachloride
 Concen: 6.13 ug/l
 RT: 7.587 min Scan# 2199
 Delta R.T. -0.105 min
 Lab File: VN066239.D
 Acq: 17 Mar 2021 17:08



Tgt Ion: 117 Resp: 28779
 Ion Ratio Lower Upper
 117 100
 119 6.3 74.6 111.8#
 121 0.0 23.9 35.9#

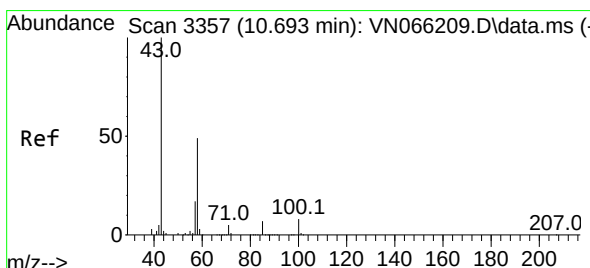
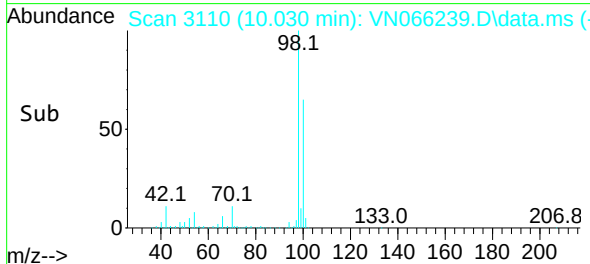
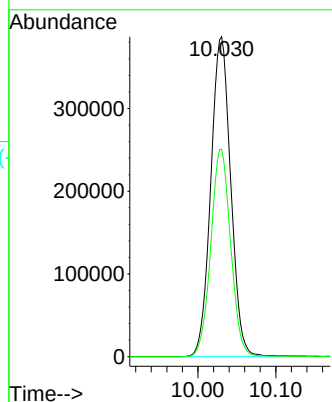
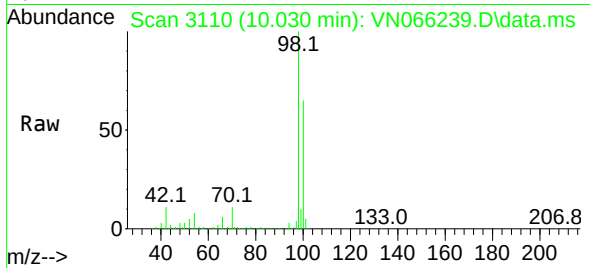




#50
Toluene-d8
Concen: 53.94 ug/l
RT: 10.030 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

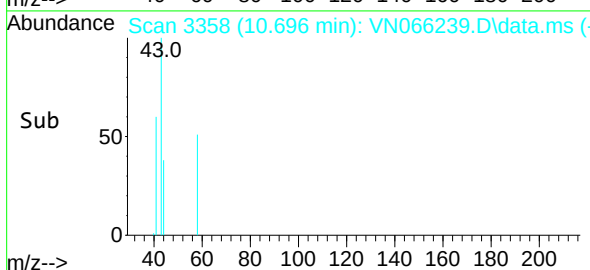
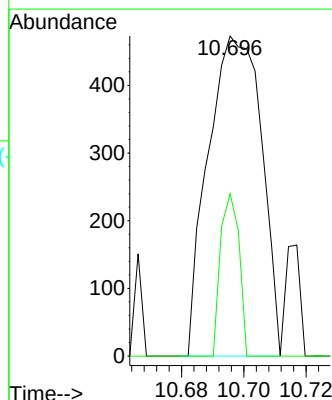
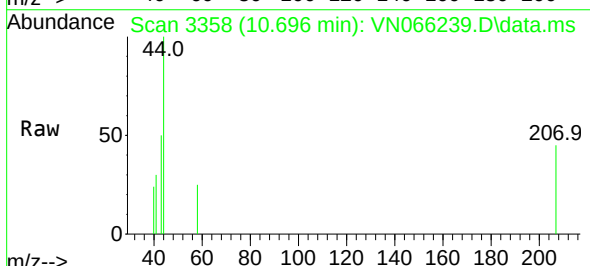
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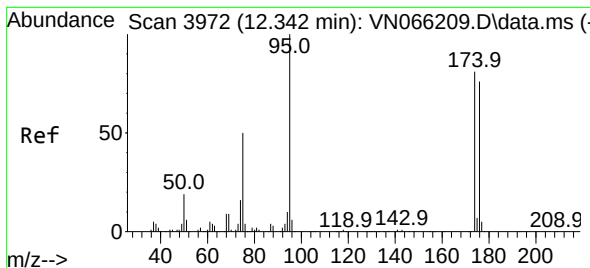
Tgt Ion: 98 Resp: 688351
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.6



#59
2-Hexanone
Concen: 1.44 ug/l
RT: 10.696 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 17.6 23.8 71.5#

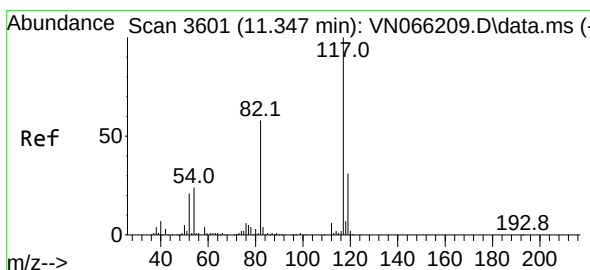
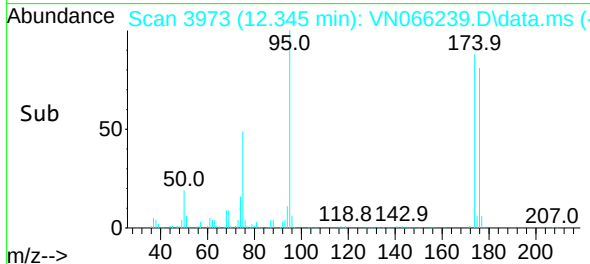
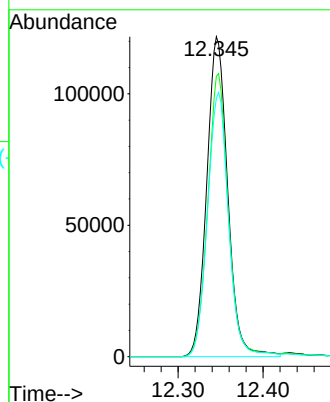
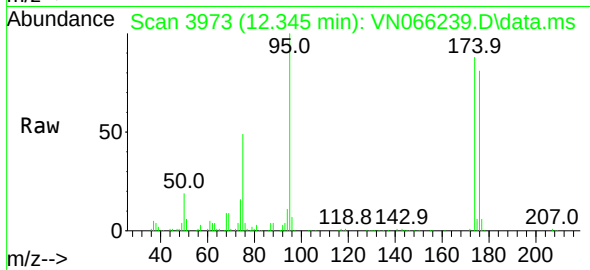




#62
4-Bromofluorobenzene
Concen: 45.28 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

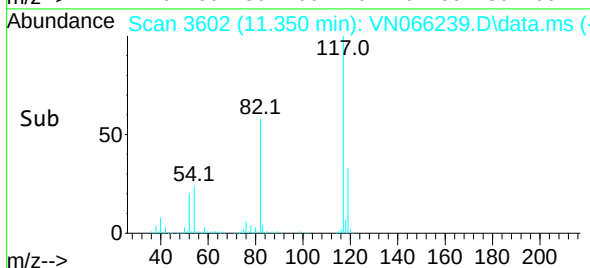
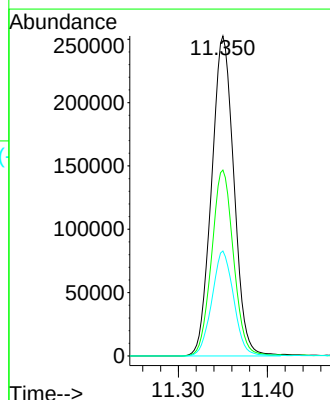
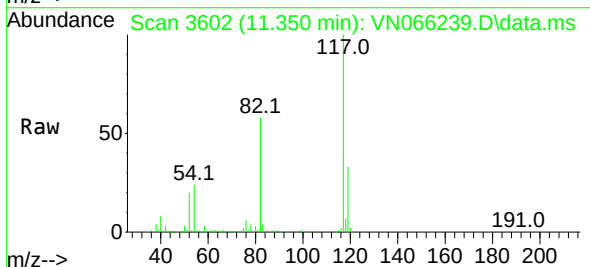
Instrument :
MSVOA_N
ClientSampleId :

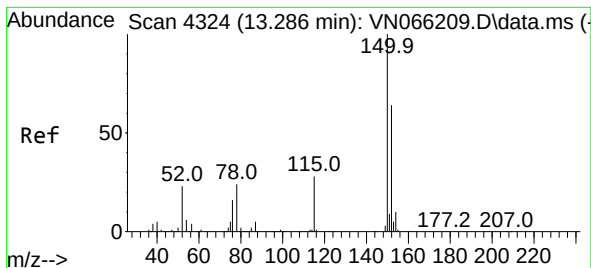
Tgt Ion: 95 Resp: 208277
Ion Ratio Lower Upper
95 100
174 86.3 0.0 162.4
176 82.1 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 117 Resp: 439851
Ion Ratio Lower Upper
117 100
82 58.1 49.0 73.6
119 32.8 25.7 38.5

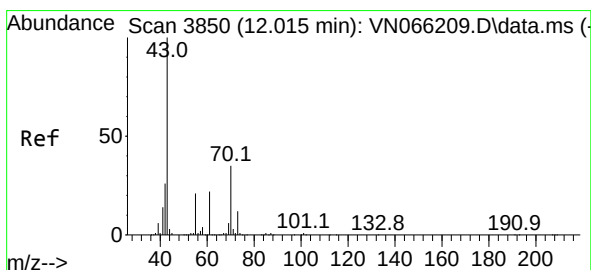
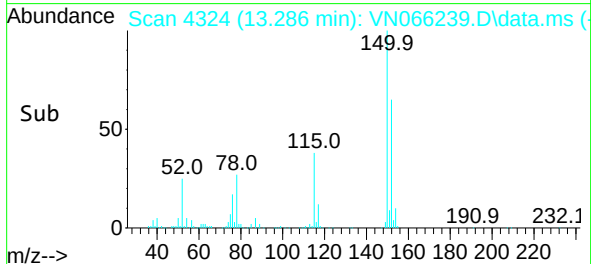
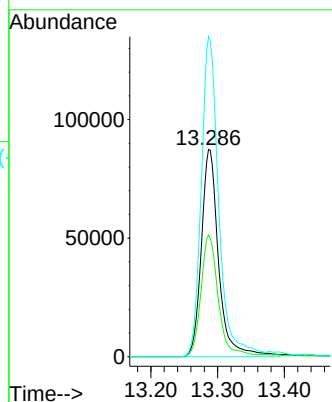
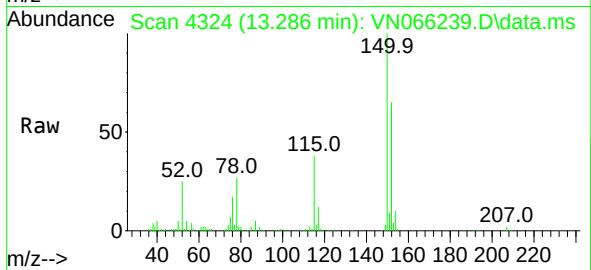




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

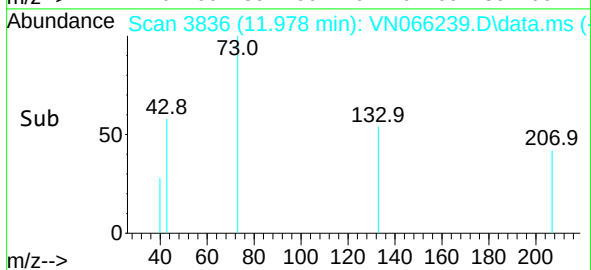
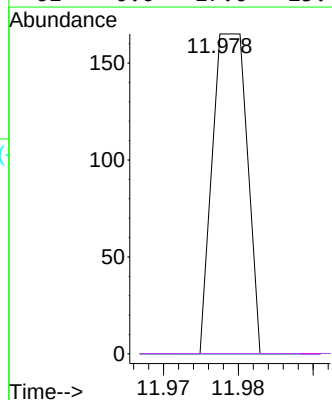
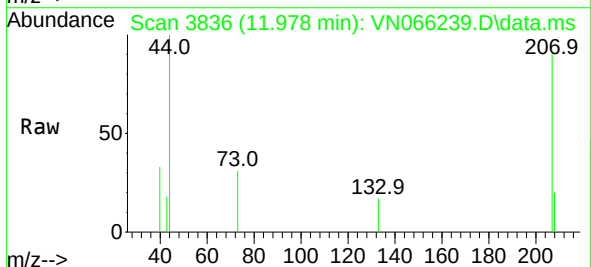
Instrument :
MSVOA_N
ClientSampleId :

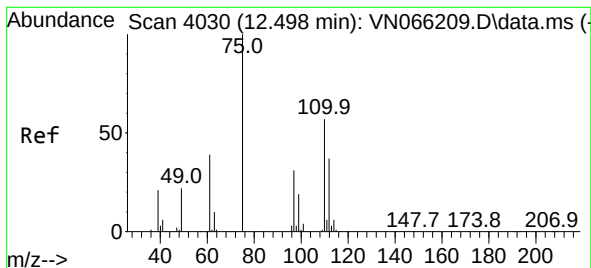
Tgt Ion:152 Resp: 157643
Ion Ratio Lower Upper
152 100
115 59.5 29.4 88.3
150 155.6 0.0 352.2



#74
N-ethyl acetate
Concen: 2.17 ug/l
RT: 11.978 min Scan# 3836
Delta R.T. -0.037 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
70 0.0 26.2 39.4#
55 0.0 17.2 25.8#
61 0.0 17.0 25.4#

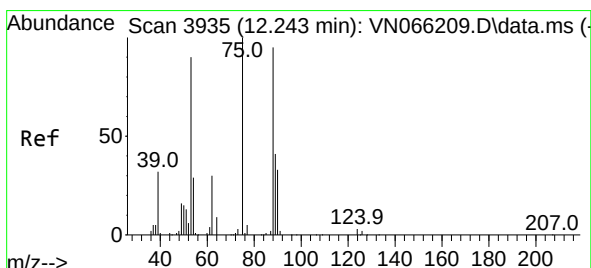
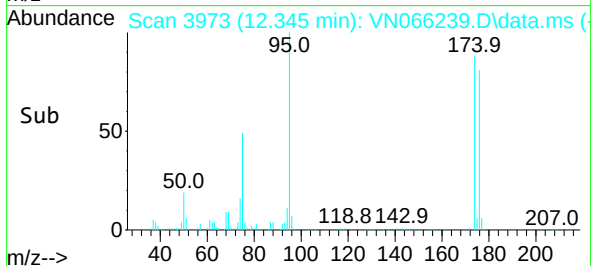
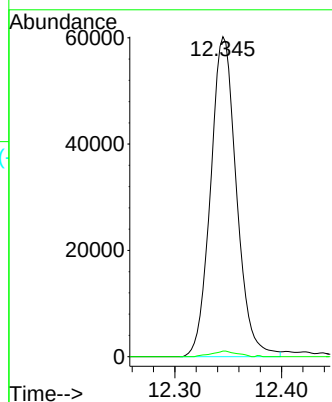
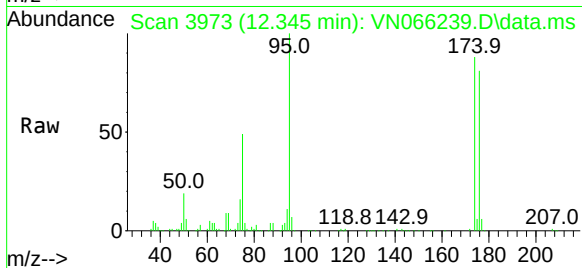




#76
1,2,3-Trichloropropane
Concen: 24.94 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

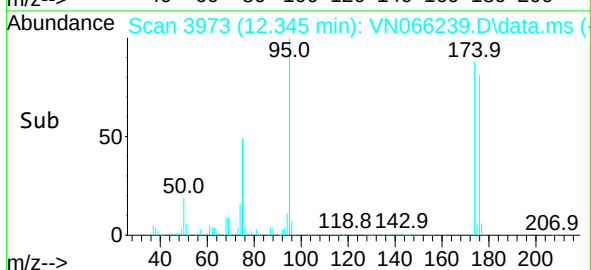
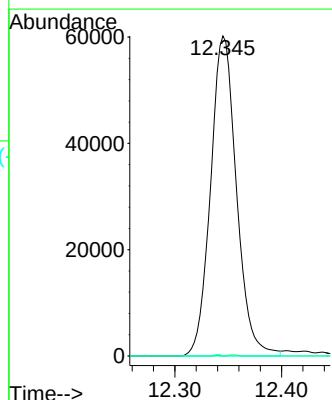
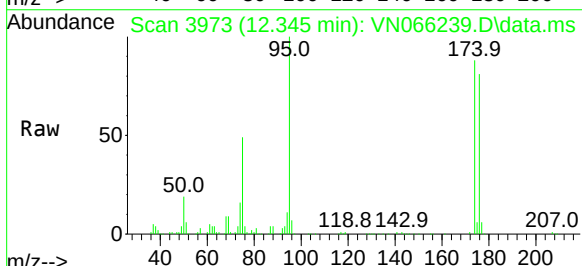
Instrument :
MSVOA_N
ClientSampleId :

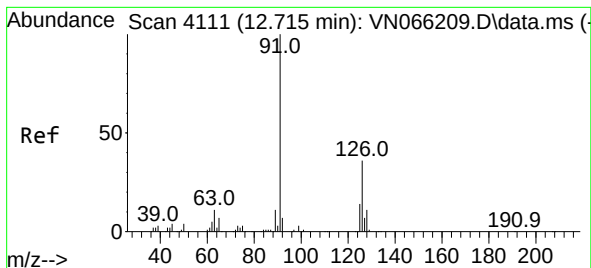
Tgt Ion: 75 Resp: 101544
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.64 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 75 Resp: 101544
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.6#
89 0.1 33.7 50.5#

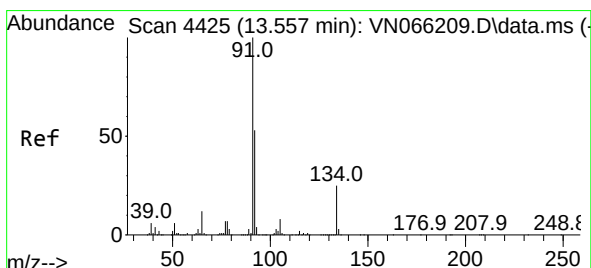
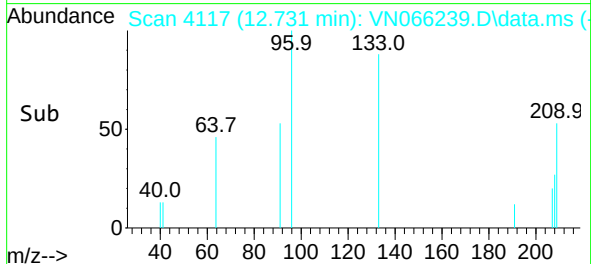
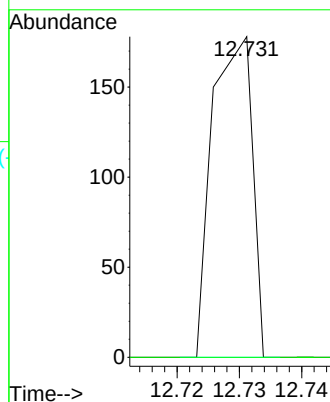
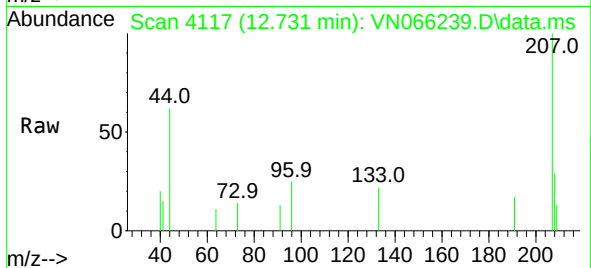




#82
4-Chlorotoluene
Concen: 0.48 ug/l
RT: 12.731 min Scan# 4117
Delta R.T. 0.016 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

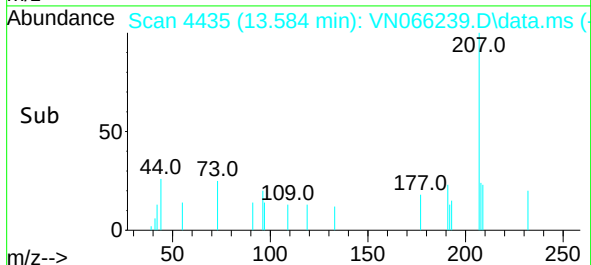
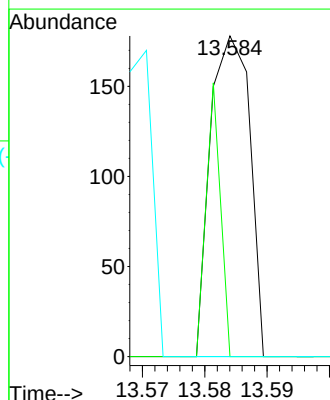
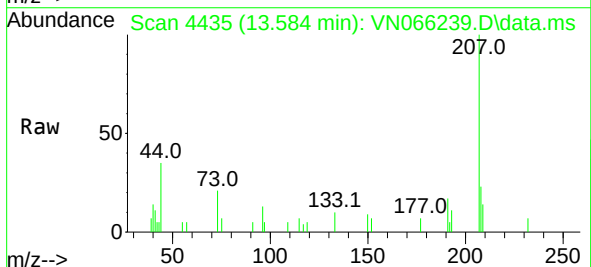
Instrument :
MSVOA_N
ClientSampled :

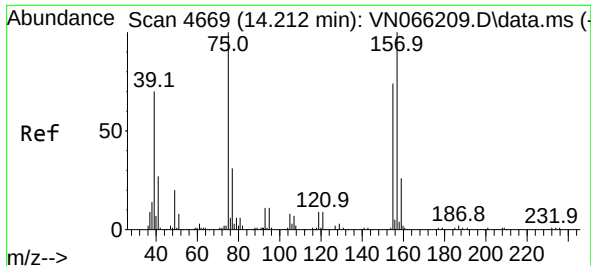
Tgt Ion: 91 Resp: 79
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#89
n-Butylbenzene
Concen: 2.25 ug/l
RT: 13.584 min Scan# 4435
Delta R.T. 0.027 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 91 Resp: 78
Ion Ratio Lower Upper
91 100
92 30.8 25.7 77.0
134 67.9 11.8 35.4#

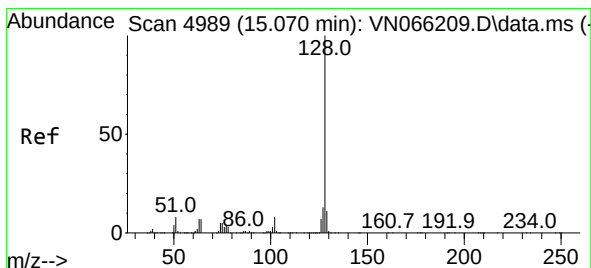
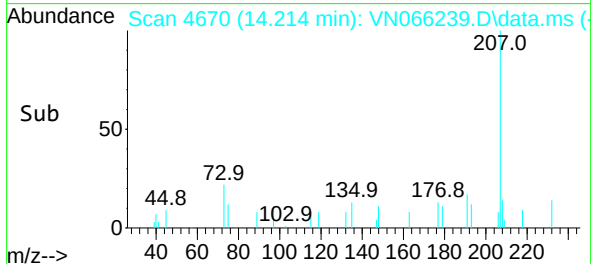
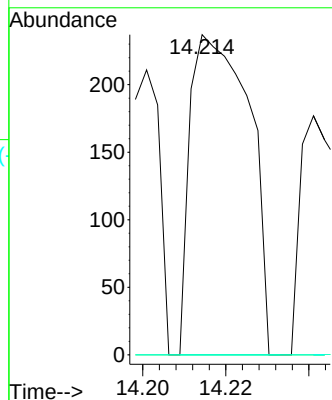
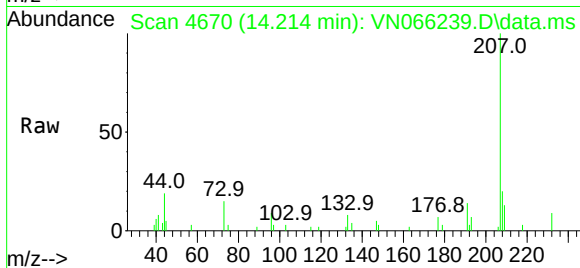




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.10 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. 0.002 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#



#95
Naphthalene
Concen: 0.20 ug/l
RT: 15.083 min Scan# 4994
Delta R.T. 0.013 min
Lab File: VN066239.D
Acq: 17 Mar 2021 17:08

Tgt Ion: 128 Resp: 1887
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

