

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066027.D
 Acq On : 25 Feb 2021 14:57
 Operator : JC/MD
 Sample : M1484-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:20:25 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)

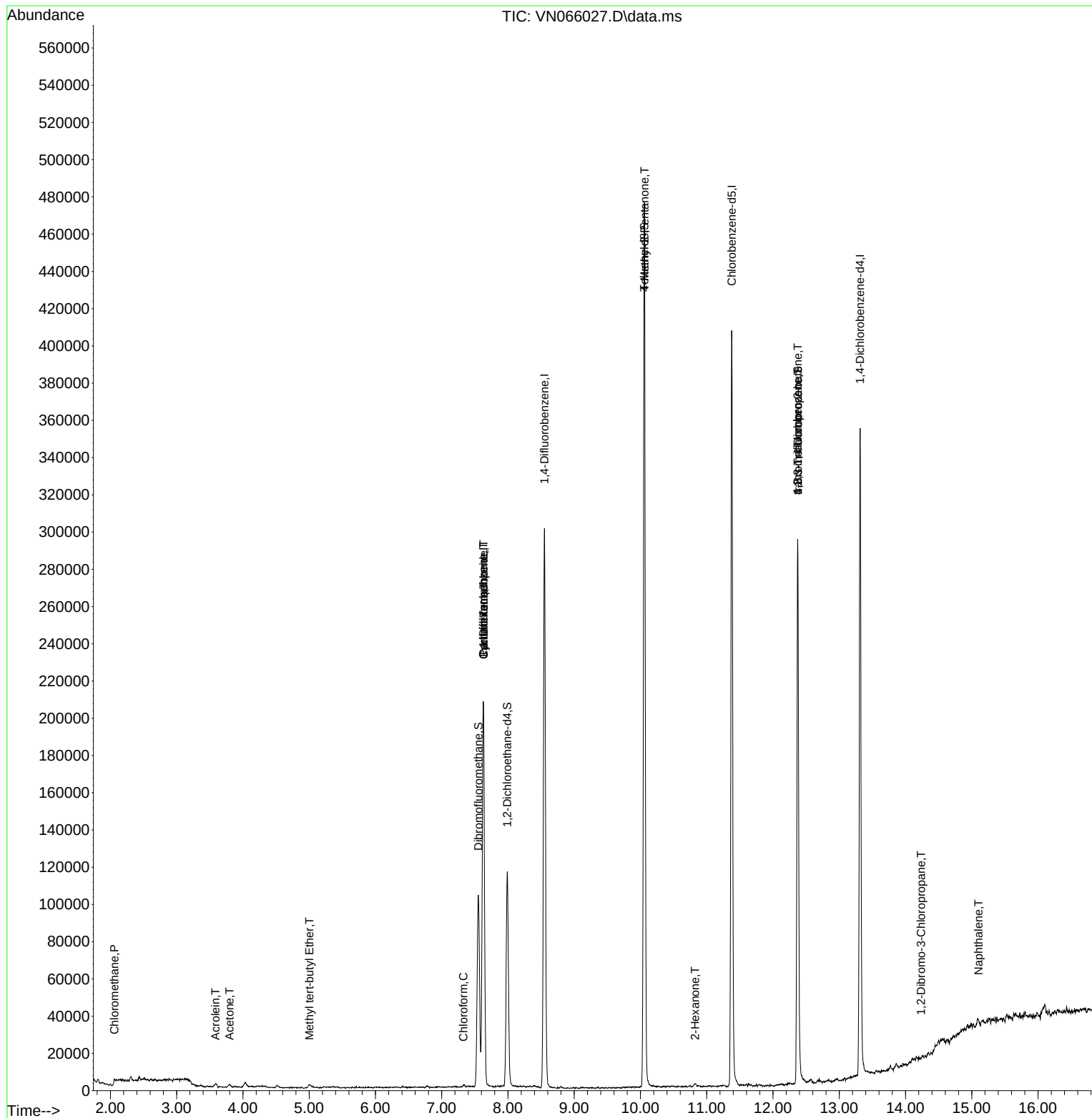
Internal Standards						
1) Pentafluorobenzene	7.627	168	170995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	285821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	254482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	101926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	103449	43.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.52%
35) Dibromofluoromethane	7.553	113	84642	47.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.70%
50) Toluene-d8	10.058	98	347446	47.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.70%
62) 4-Bromofluorobenzene	12.373	95	120922	44.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.72%
Target Compounds						
					Qvalue	
3) Chloromethane	2.058	50	1461	0.52	ug/l	91
13) Acrolein	3.586	56	1875	6.16	ug/l	89
16) Acetone	3.798	43	3352	2.88	ug/l #	88
19) Methyl tert-butyl Ether	5.000	73	3142	0.51	ug/l	94
30) Chloroform	7.328	83	1250	0.33	ug/l	92
31) Cyclohexane	7.631	56	3112	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	12802	4.54	ug/l #	48
38) Carbon Tetrachloride	7.631	117	16675	6.37	ug/l #	16
51) 4-Methyl-2-Pentanone	10.061	43	1575	0.64	ug/l #	1
59) 2-Hexanone	10.823	43	384	0.22	ug/l #	23
76) 1,2,3-Trichloropropane	12.373	75	58687	23.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58687	76.38	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.235	75	58	0.97	ug/l #	1
95) Naphthalene	15.100	128	1424	3.28	ug/l #	69

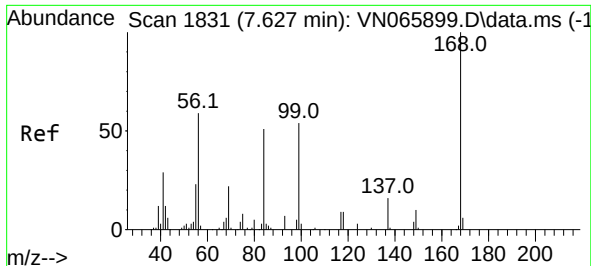
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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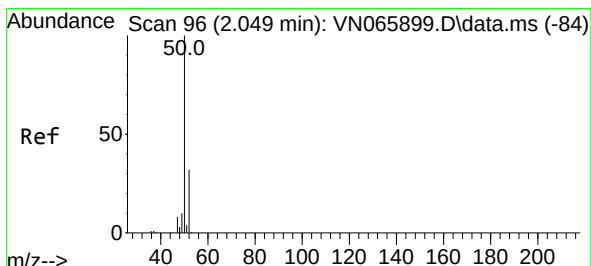
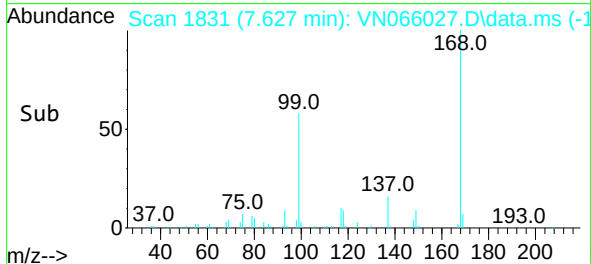
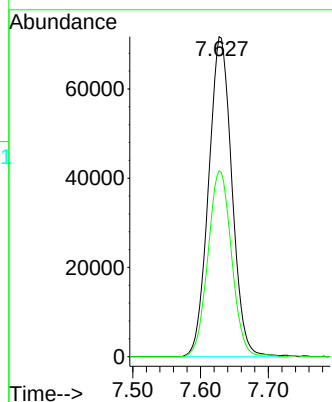
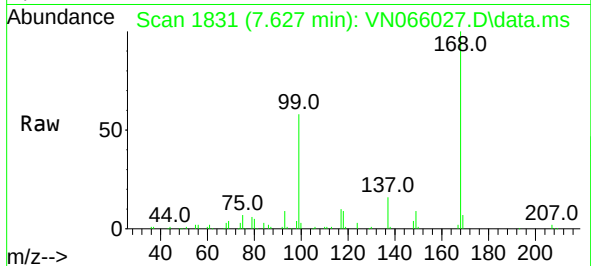




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

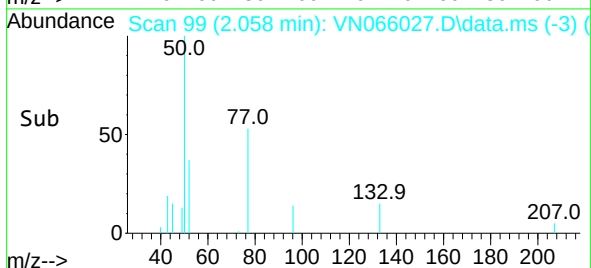
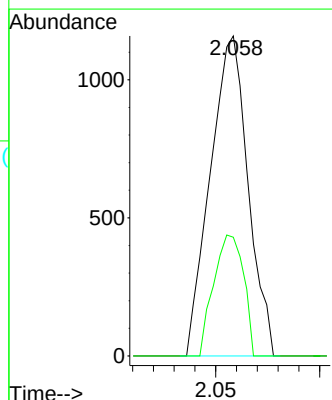
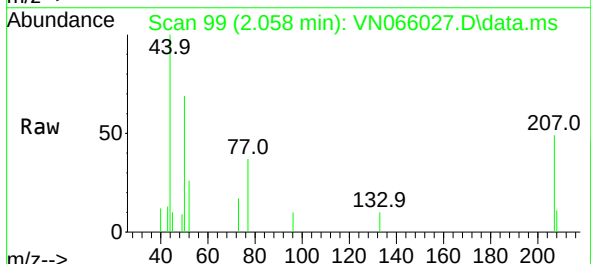
Instrument :
MSVOA_N
ClientSampled :

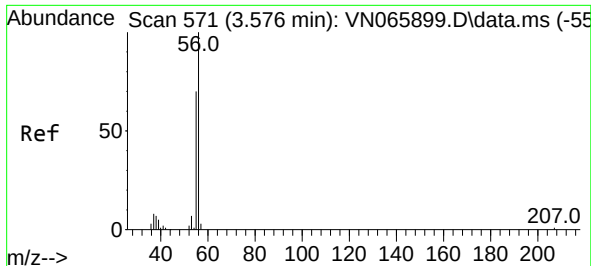
Tgt Ion:168 Resp: 170995
Ion Ratio Lower Upper
168 100
99 58.0 42.6 63.8



#3
Chloromethane
Concen: 0.52 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 50 Resp: 1461
Ion Ratio Lower Upper
50 100
52 37.1 25.8 38.8

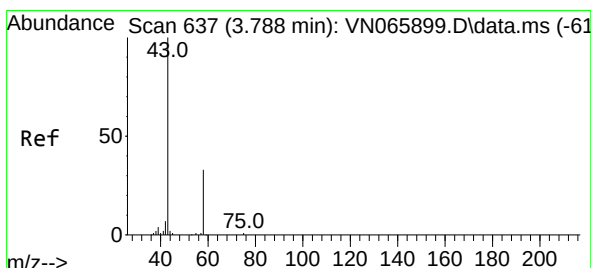
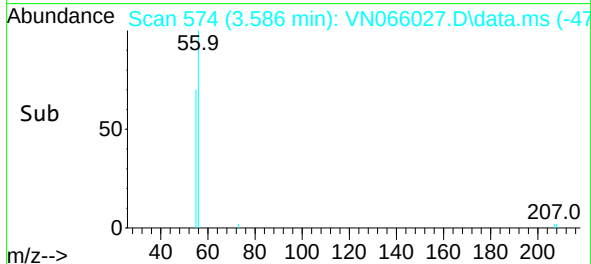
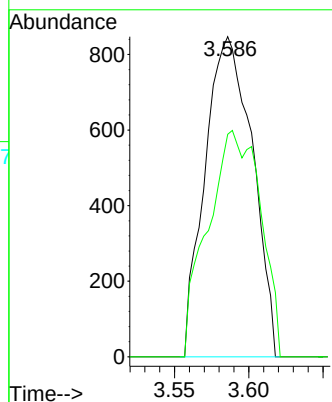
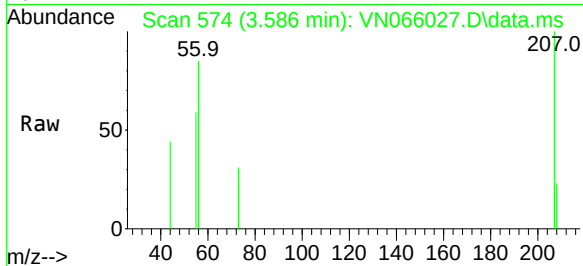




#13
Acrolein
Concen: 6.16 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

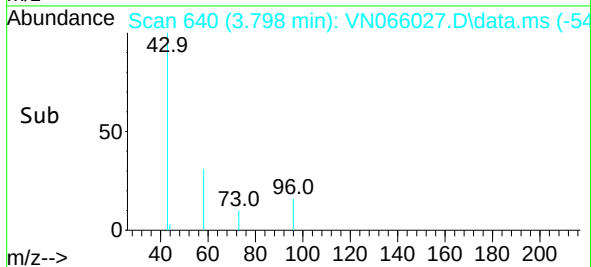
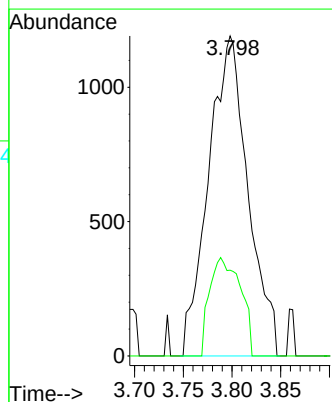
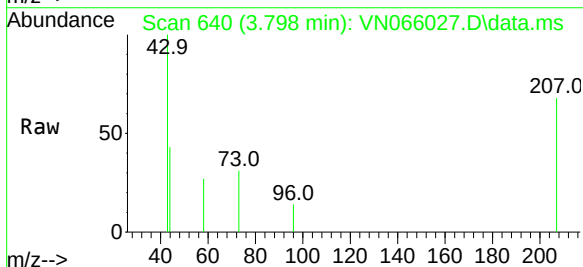
Instrument :
MSVOA_N
ClientSampled :

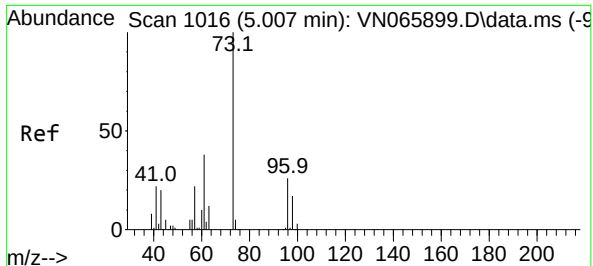
Tgt Ion: 56 Resp: 1875
Ion Ratio Lower Upper
56 100
55 79.0 56.0 84.0



#16
Acetone
Concen: 2.88 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 26.8 27.0 40.6#

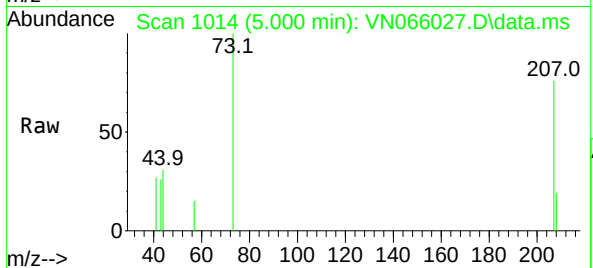




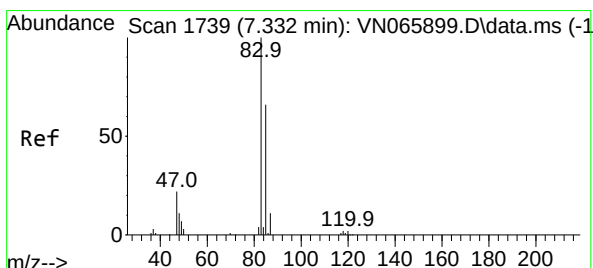
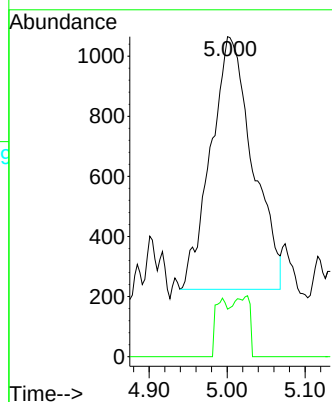
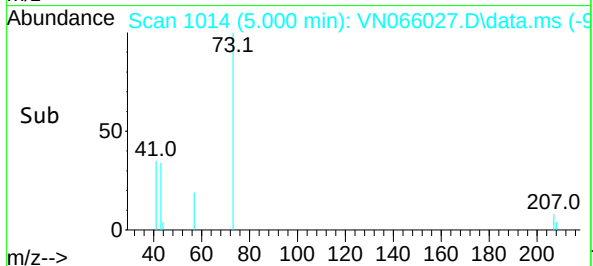
#19

Methyl tert-butyl Ether
Concen: 0.51 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. -0.007 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Instrument :
MSVOA_N
ClientSampled :

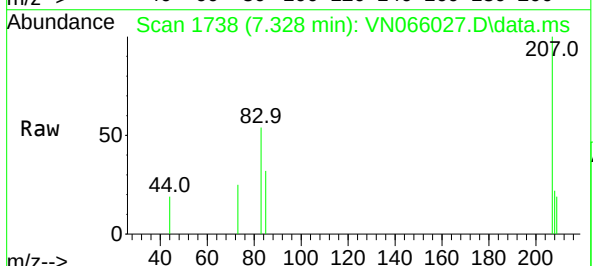


Tgt Ion: 73 Resp: 3142
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9

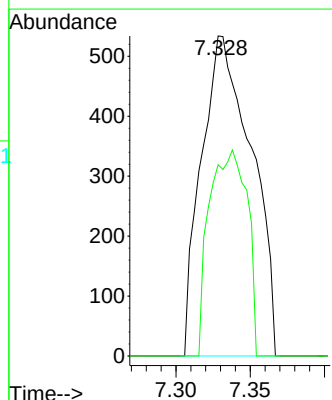
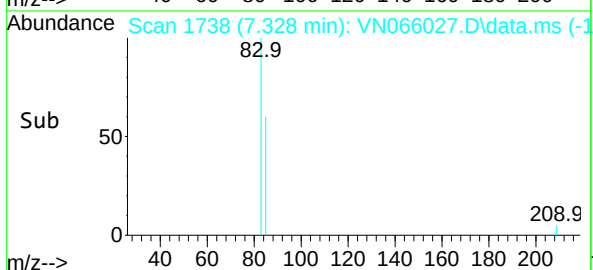


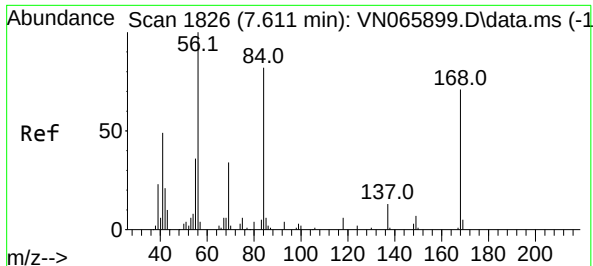
#30

Chloroform
Concen: 0.33 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. -0.004 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57



Tgt Ion: 83 Resp: 1250
Ion Ratio Lower Upper
83 100
85 59.7 52.6 78.8





#31

Cyclohexane

Concen: 0.87 ug/l

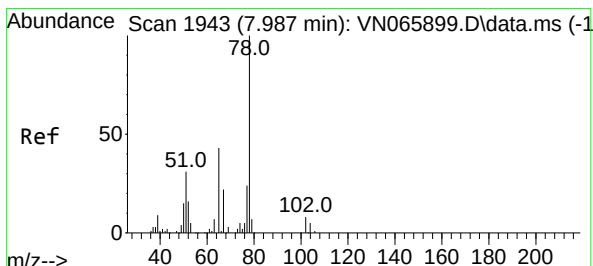
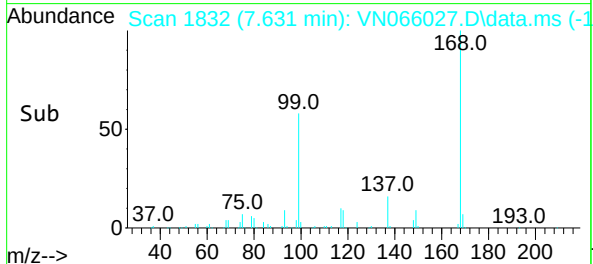
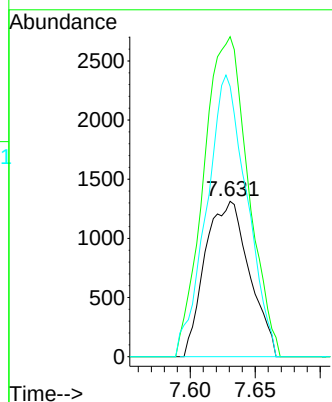
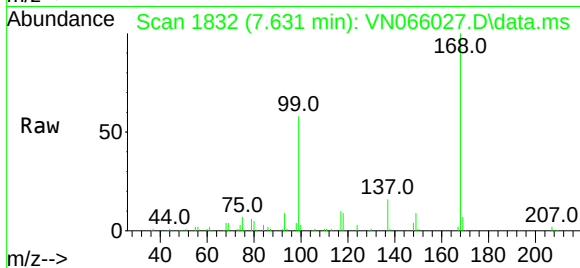
RT: 7.631 min Scan# 1832

Delta R.T. 0.020 min

Lab File: VN066027.D

Acq: 25 Feb 2021 14:57

Tgt Ion:	56	Resp:	3112
Ion Ratio	Lower	Upper	
56	100		
69	205.9	26.6	39.8#
84	173.9	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 43.26 ug/l

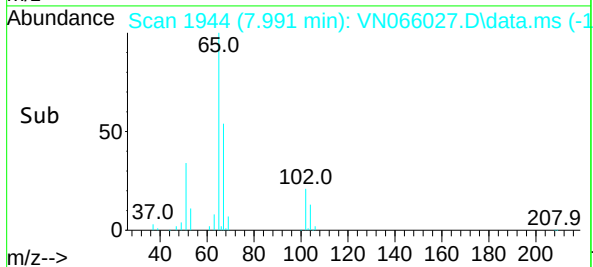
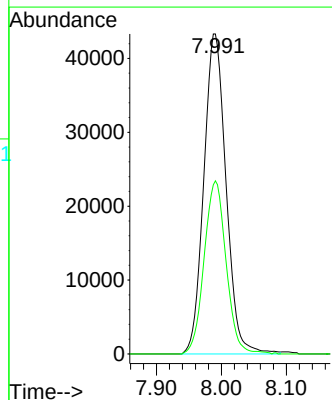
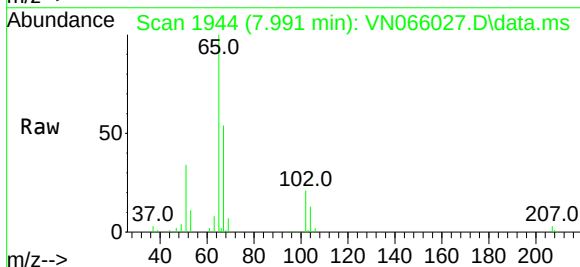
RT: 7.991 min Scan# 1944

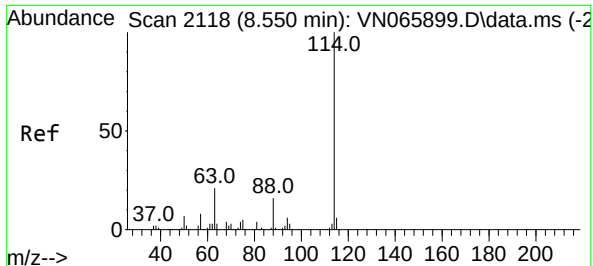
Delta R.T. 0.004 min

Lab File: VN066027.D

Acq: 25 Feb 2021 14:57

Tgt Ion:	65	Resp:	103449
Ion Ratio	Lower	Upper	
65	100		
67	53.3	0.0	107.2

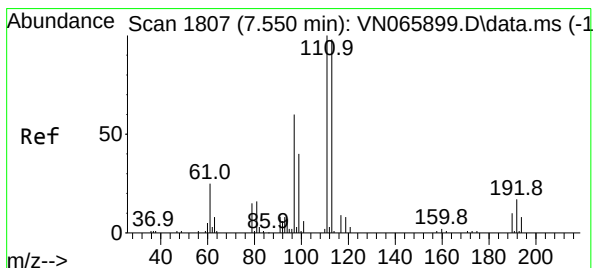
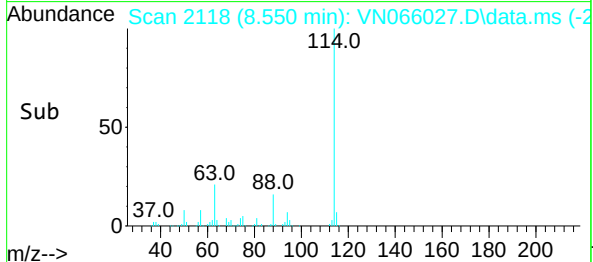
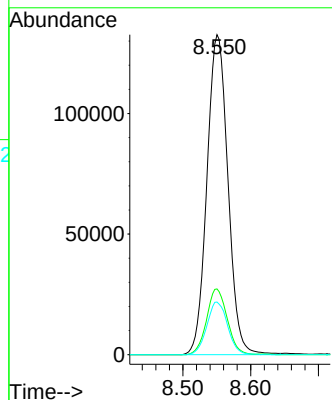
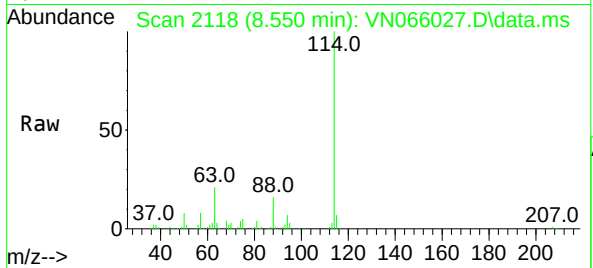




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

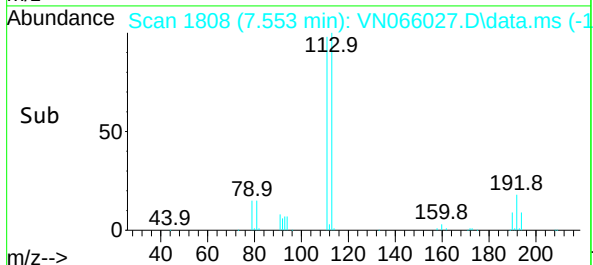
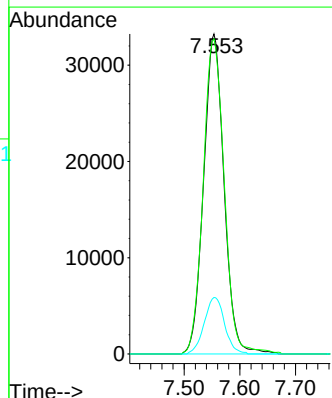
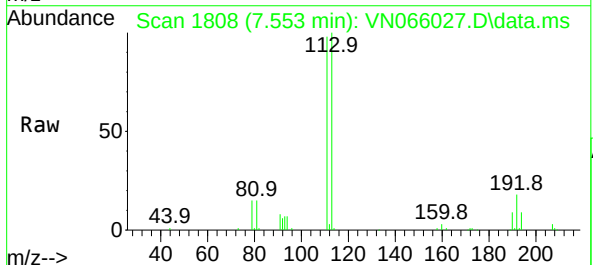
Instrument :
MSVOA_N
ClientSampleId :

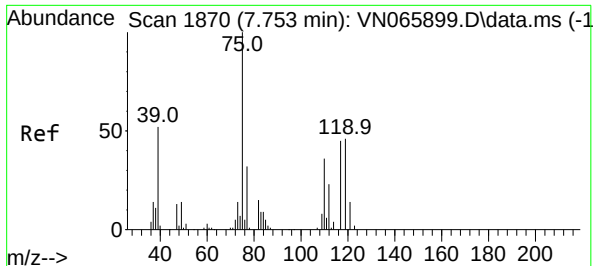
Tgt Ion:114 Resp: 285821
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.85 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion:113 Resp: 84642
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 17.6 15.4 23.0

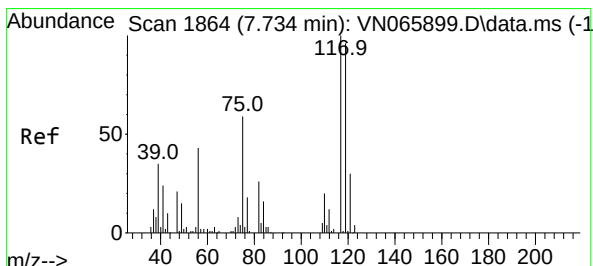
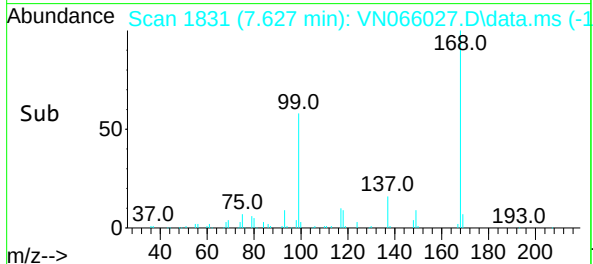
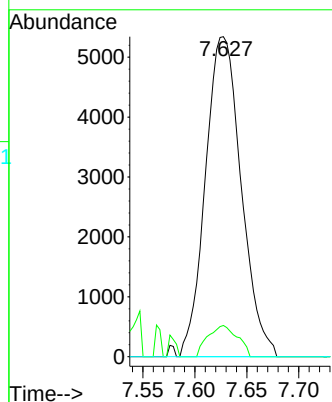
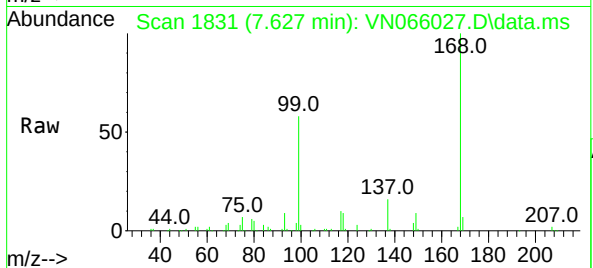




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

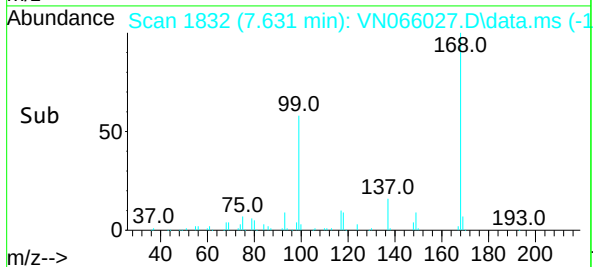
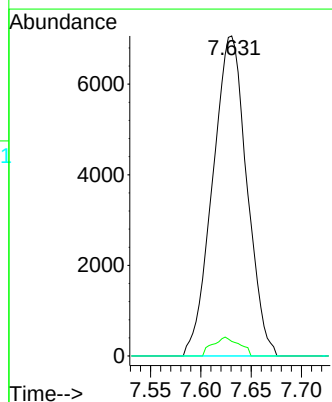
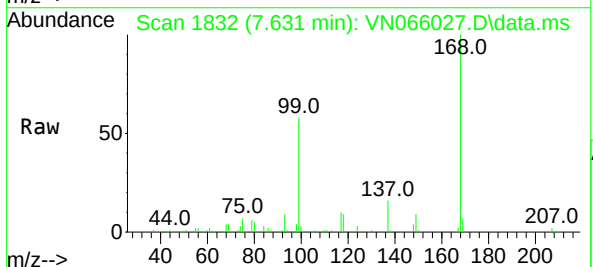
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MSVOA_N
ClientSampled :

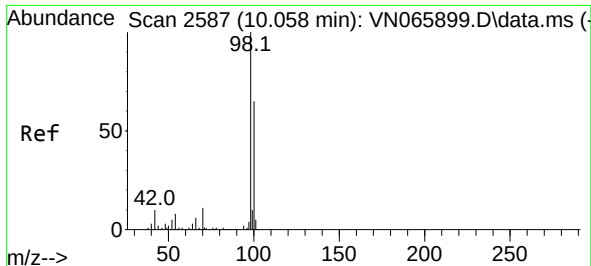
Tgt Ion: 75 Resp: 12802
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 117 Resp: 16675
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.5 36.7#

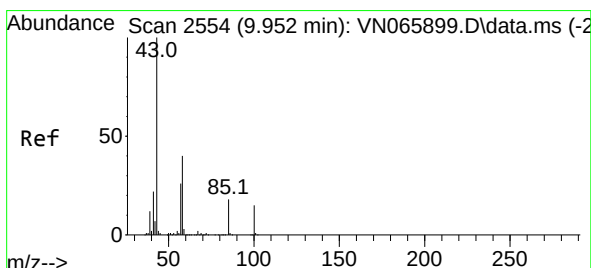
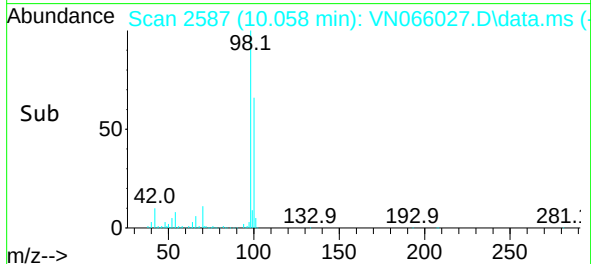
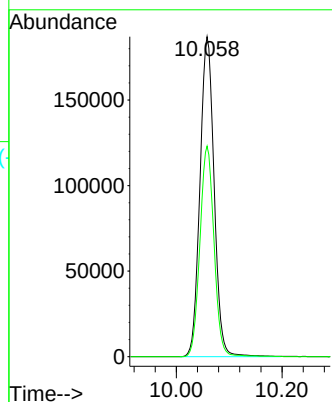
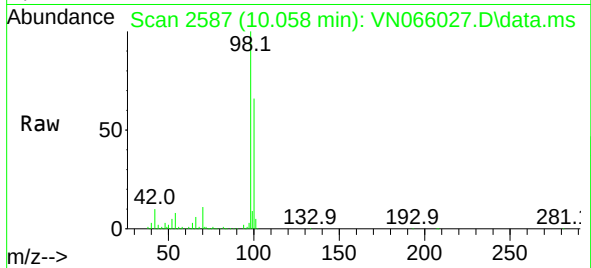




#50
Toluene-d8
Concen: 47.85 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

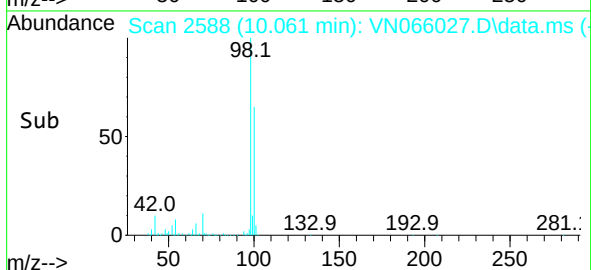
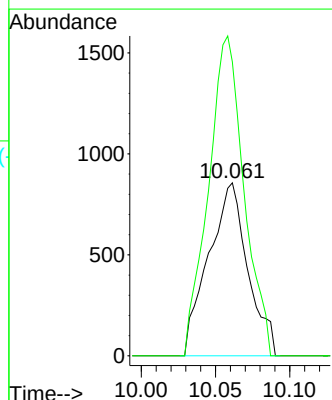
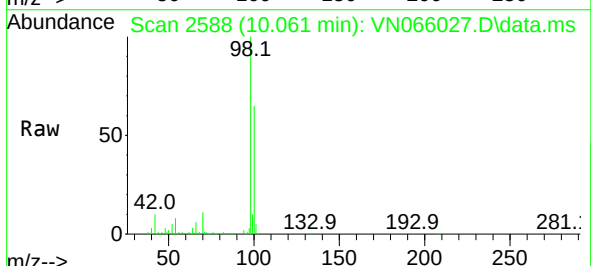
Instrument :
MSVOA_N
ClientSampled :

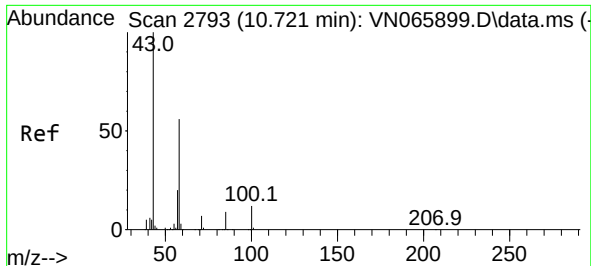
Tgt Ion: 98 Resp: 347446
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.109 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 167.6 32.5 48.7#

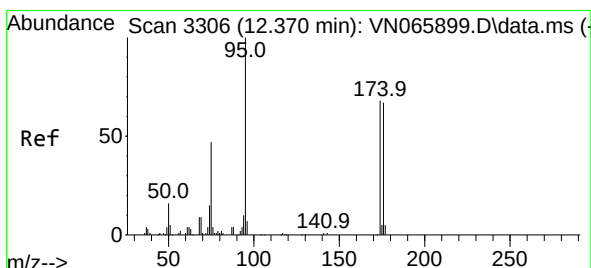
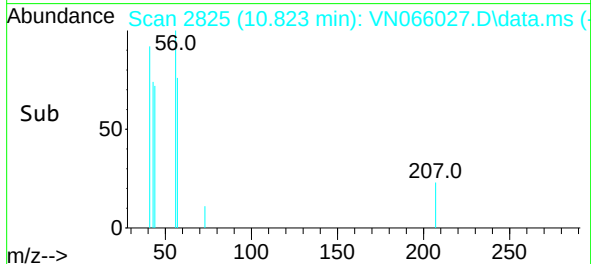
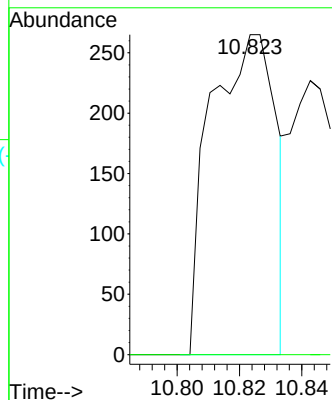
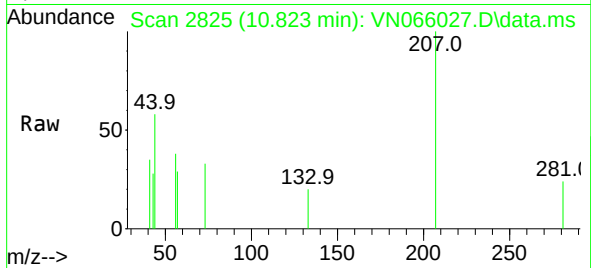




#59
2-Hexanone
Concen: 0.22 ug/l
RT: 10.823 min Scan# 2825
Delta R.T. 0.102 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

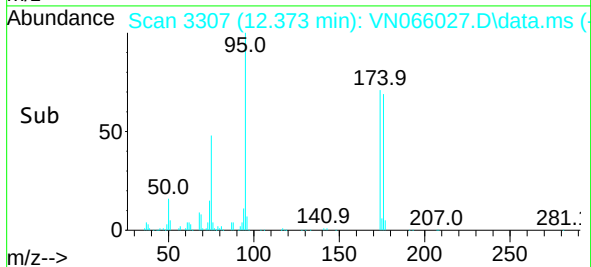
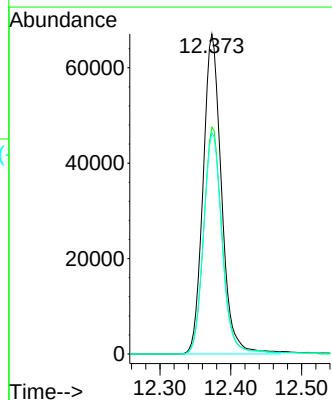
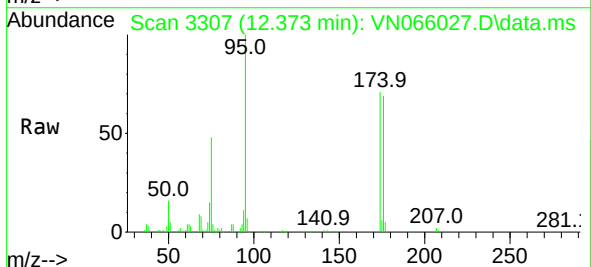
Instrument :
MSVOA_N
ClientSampled :

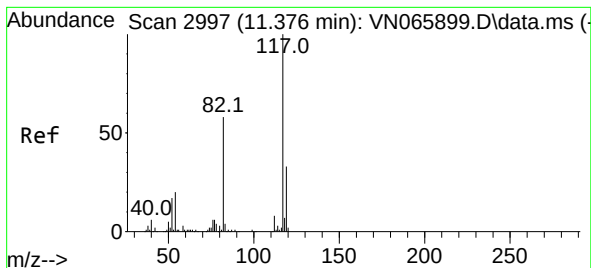
Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 95 Resp: 120922
Ion Ratio Lower Upper
95 100
174 70.3 0.0 169.0
176 69.8 0.0 162.4

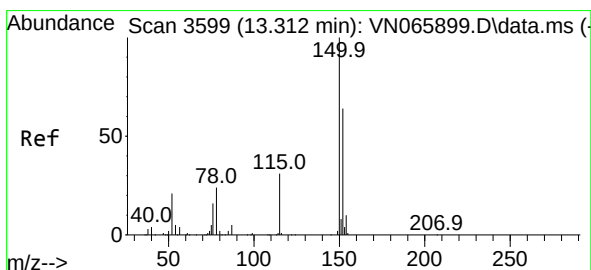
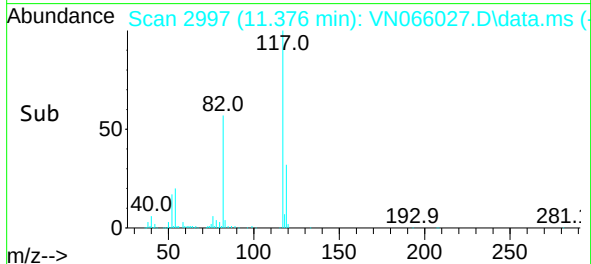
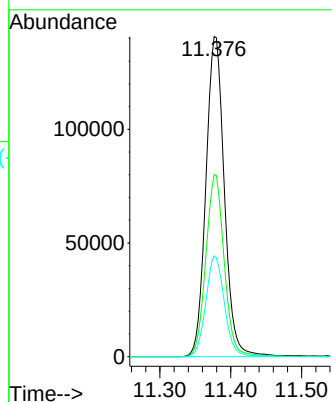
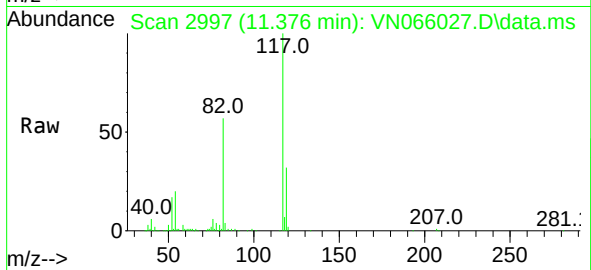




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

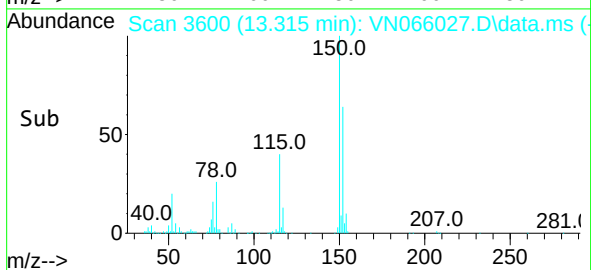
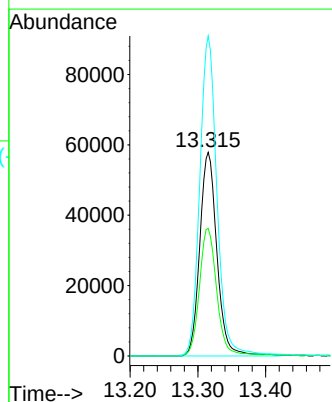
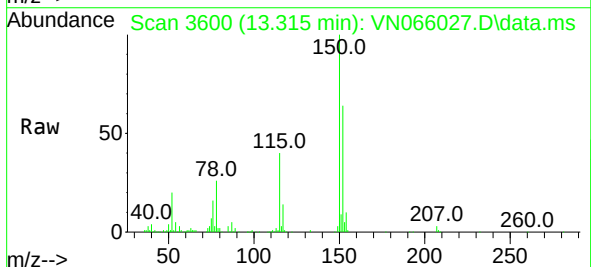
Instrument :
MSVOA_N
ClientSampled :

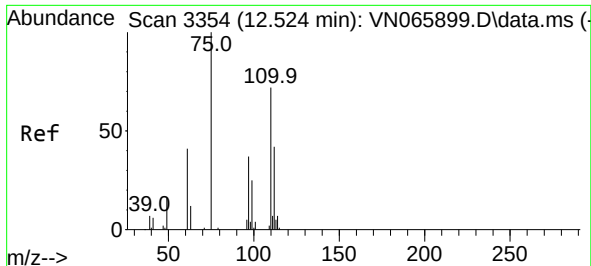
Tgt Ion:117 Resp: 254482
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion:152 Resp: 101926
Ion Ratio Lower Upper
152 100
115 63.2 28.5 85.6
150 157.6 0.0 347.6

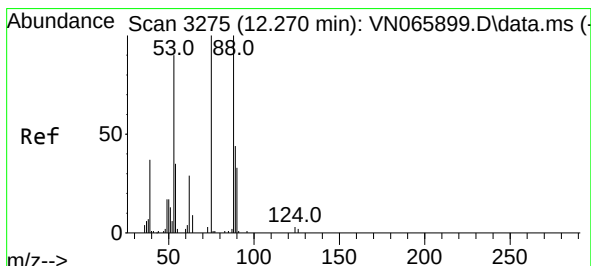
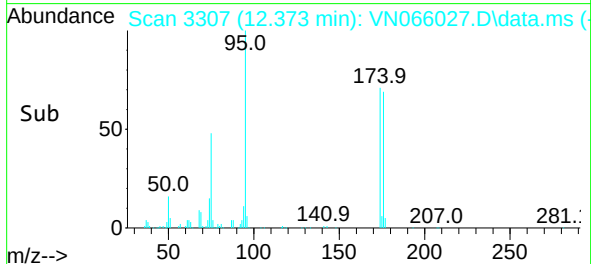
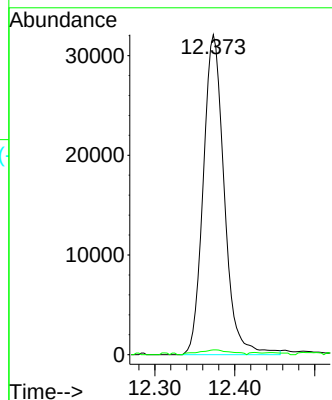
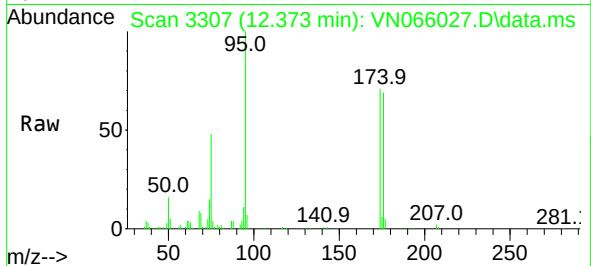




#76
1,2,3-Trichloropropane
Concen: 23.97 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

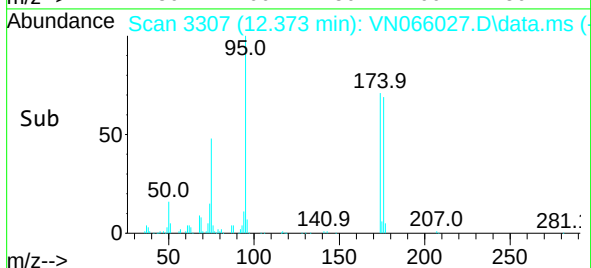
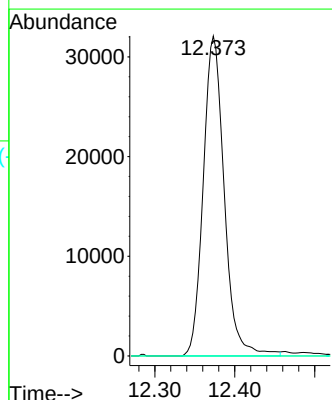
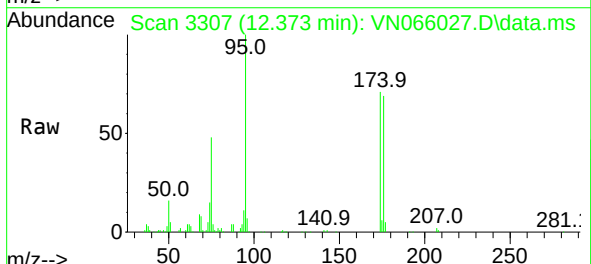
Instrument :
MSVOA_N
ClientSampled :

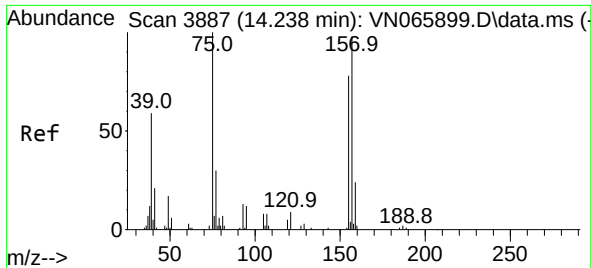
Tgt Ion: 75 Resp: 58687
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.38 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 75 Resp: 58687
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

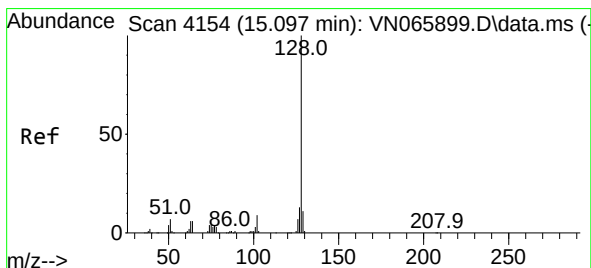
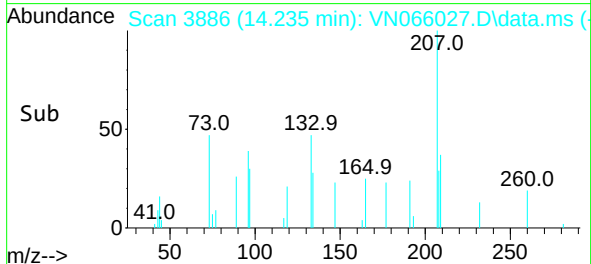
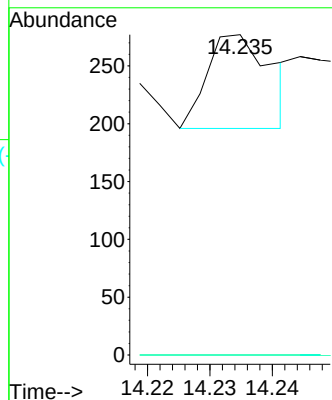
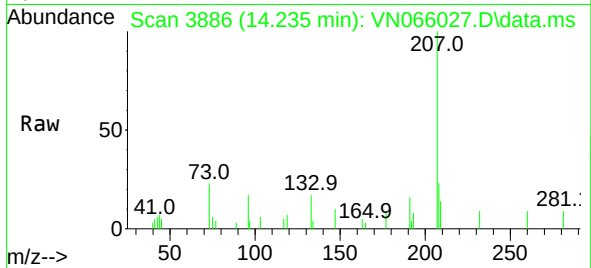




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.97 ug/l
RT: 14.235 min Scan# 3886
Delta R.T. -0.003 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.28 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066027.D
Acq: 25 Feb 2021 14:57

Tgt Ion: 128 Resp: 1424
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

