

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066026.D
 Acq On : 25 Feb 2021 14:33
 Operator : JC/MD
 Sample : M1484-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:20:06 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)

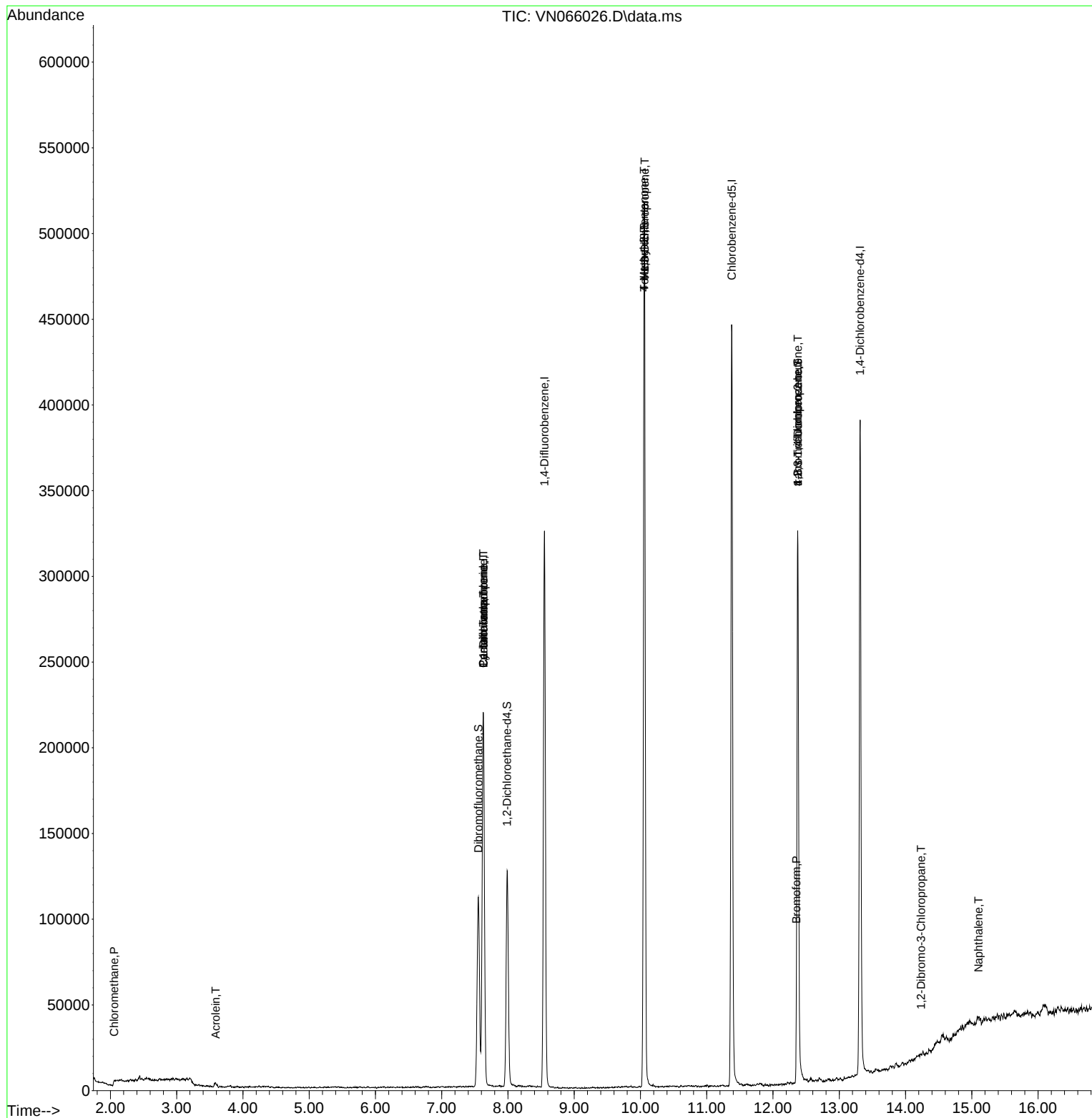
Internal Standards						
1) Pentafluorobenzene	7.627	168	182896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	308048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	278349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	111270	43.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.00%
35) Dibromofluoromethane	7.553	113	88929	46.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.30%
50) Toluene-d8	10.058	98	377604	48.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.50%
62) 4-Bromofluorobenzene	12.373	95	134551	45.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.60%
Target Compounds						
						Qvalue
3) Chloromethane	2.055	50	1372	0.46	ug/l	94
13) Acrolein	3.589	56	2216	6.81	ug/l	92
16) Acetone	3.792	43	861	Below Cal	#	41
31) Cyclohexane	7.627	56	3237	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14227	4.68	ug/l #	48
38) Carbon Tetrachloride	7.627	117	17432	6.18	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	1565	0.59	ug/l #	1
53) t-1,3-Dichloropropene	10.065	75	31	1.99	ug/l #	33
71) Bromoform	12.354	173	35	2.52	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	63421	23.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	63421	74.82	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.235	75	72	0.98	ug/l #	1
95) Naphthalene	15.103	128	2040	3.35	ug/l #	83

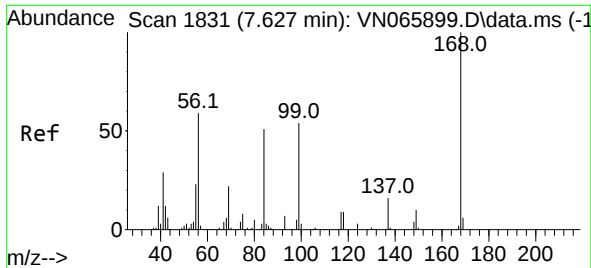
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
Data File : VN066026.D
Acq On : 25 Feb 2021 14:33
Operator : JC/MD
Sample : M1484-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 26 01:20:06 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

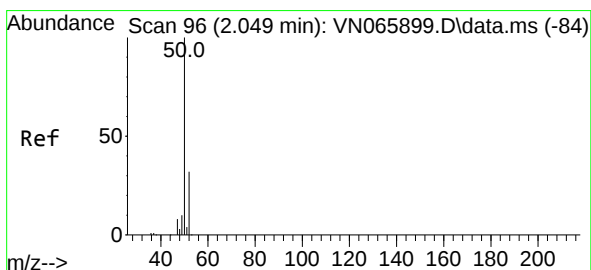
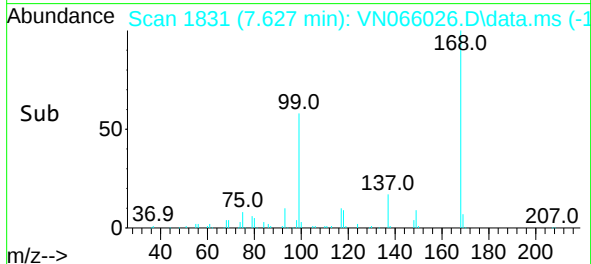
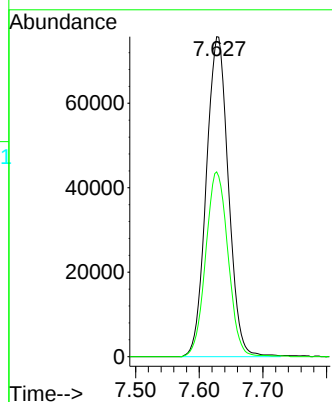
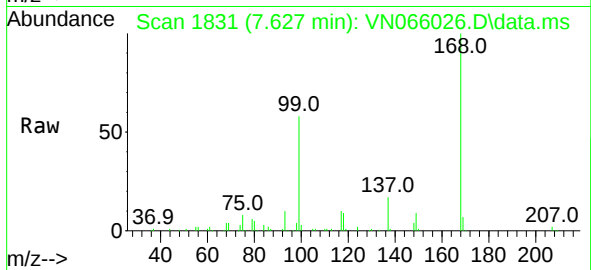




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

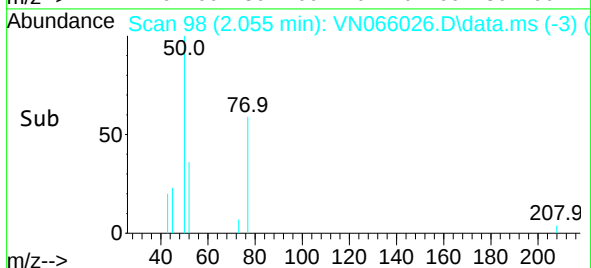
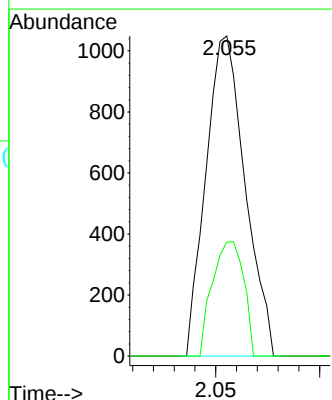
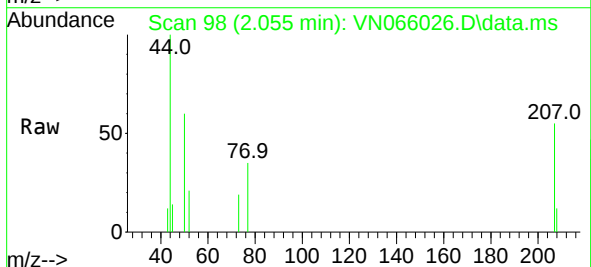
Instrument :
MSVOA_N
ClientSampled :

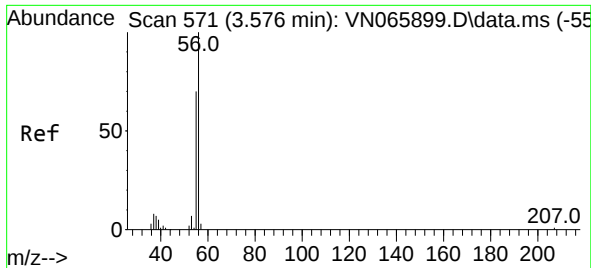
Tgt Ion:168 Resp: 182896
Ion Ratio Lower Upper
168 100
99 57.7 42.6 63.8



#3
Chloromethane
Concen: 0.46 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion: 50 Resp: 1372
Ion Ratio Lower Upper
50 100
52 35.7 25.8 38.8

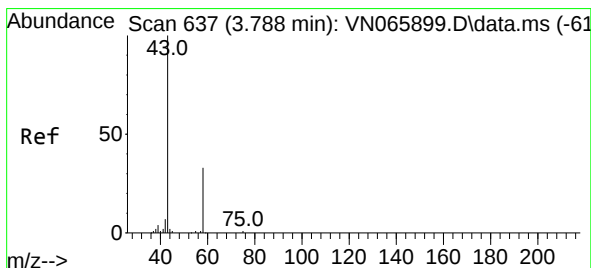
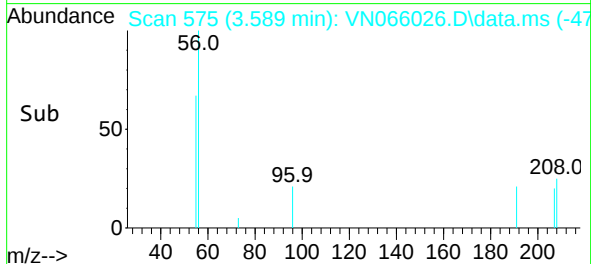
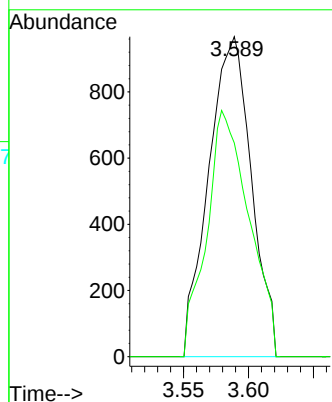
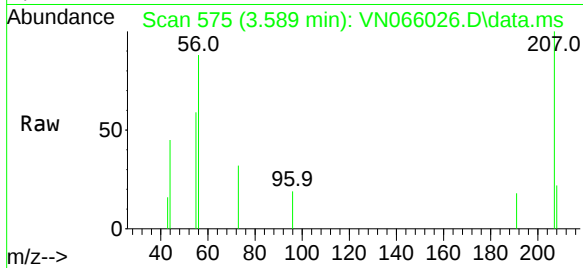




#13
Acrolein
Concen: 6.81 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

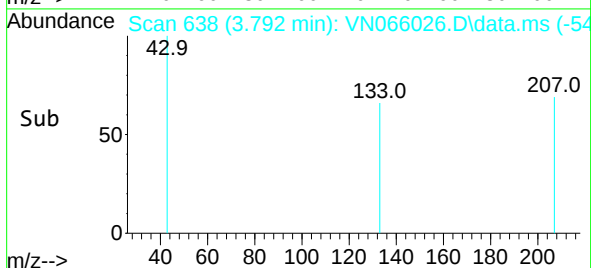
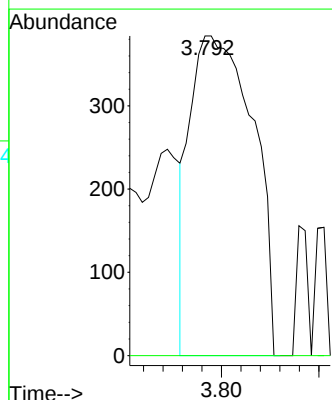
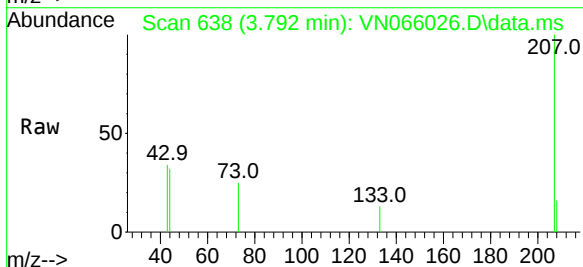
Instrument :
MSVOA_N
ClientSampled :

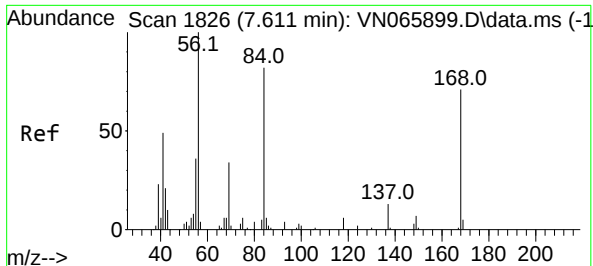
Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
55 76.4 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.004 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#31

Cyclohexane

Concen: 0.85 ug/l

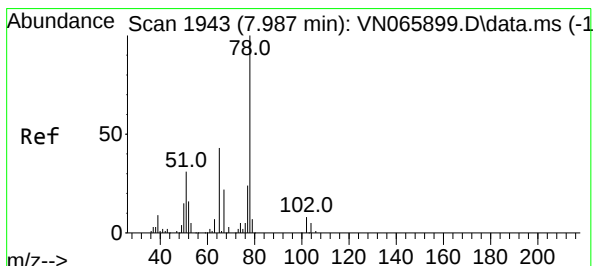
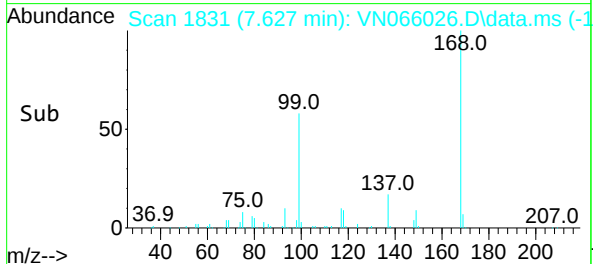
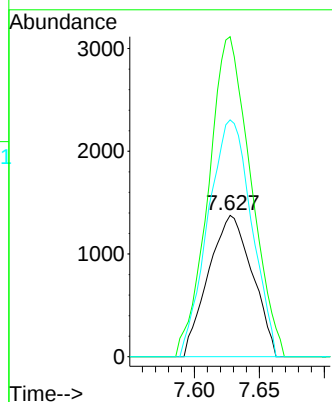
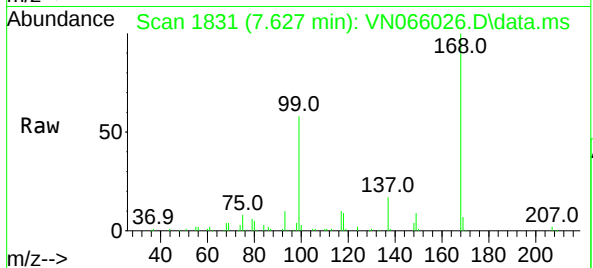
RT: 7.627 min Scan# 1831

Delta R.T. 0.016 min

Lab File: VN066026.D

Acq: 25 Feb 2021 14:33

Tgt Ion:	56	Resp:	3237
Ion	Ratio	Lower	Upper
56	100		
69	214.0	26.6	39.8#
84	167.6	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 43.50 ug/l

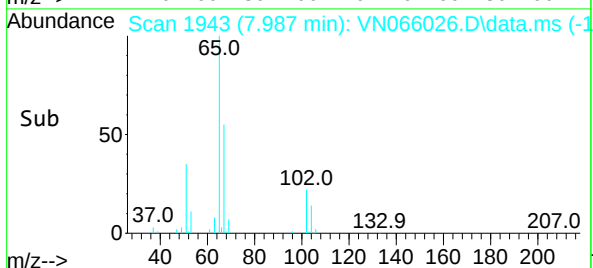
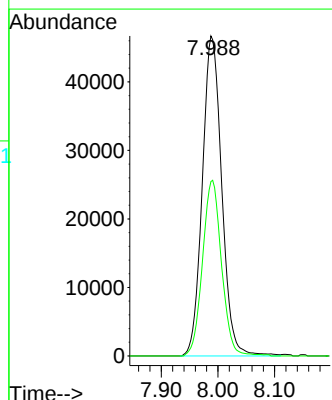
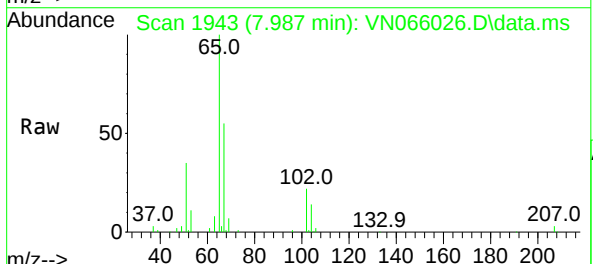
RT: 7.987 min Scan# 1943

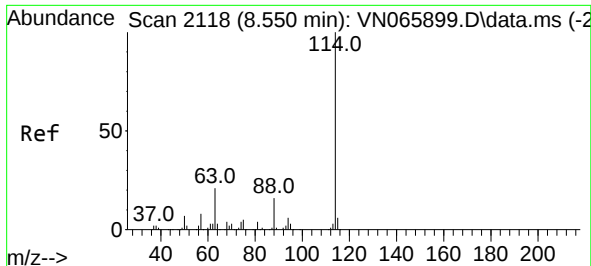
Delta R.T. 0.000 min

Lab File: VN066026.D

Acq: 25 Feb 2021 14:33

Tgt Ion:	65	Resp:	111270
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2

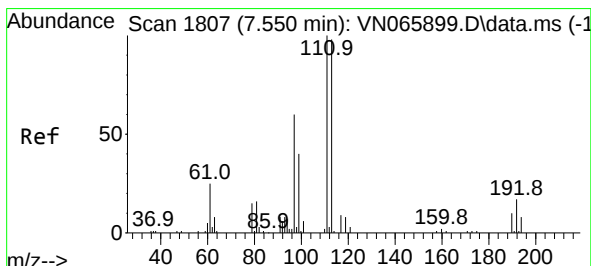
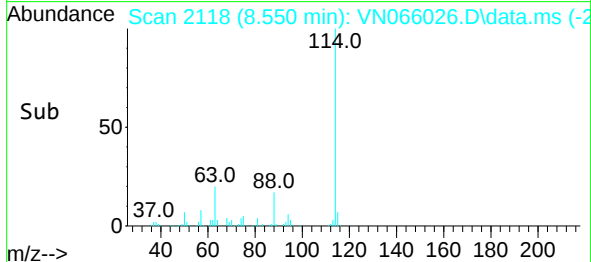
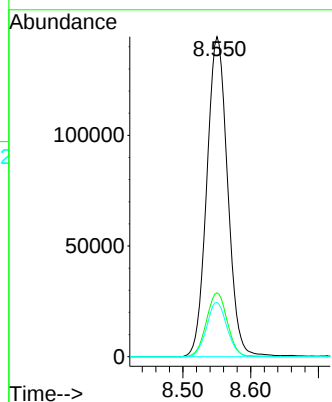
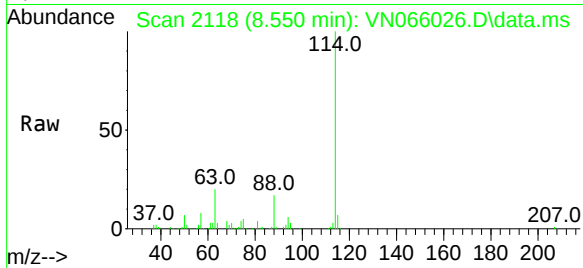




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

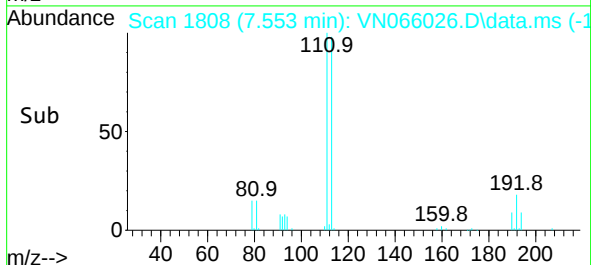
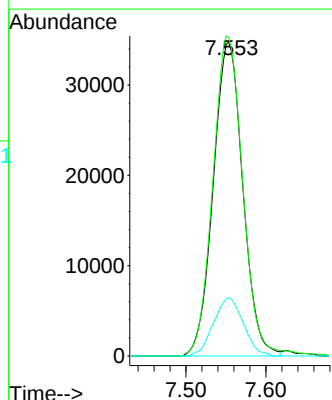
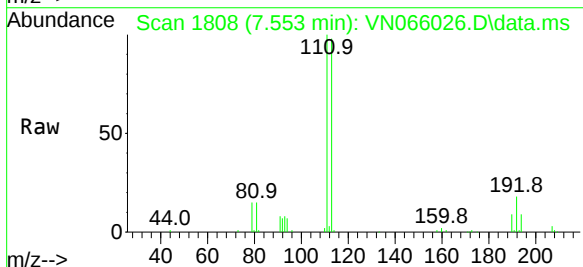
Instrument :
MSVOA_N
ClientSampled :

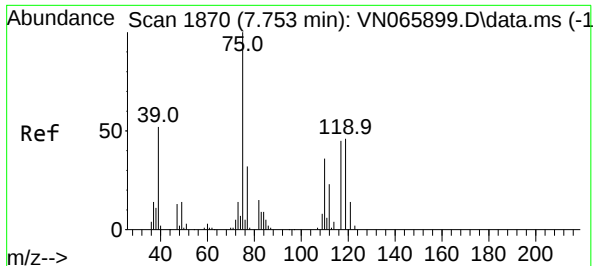
Tgt Ion:114 Resp: 308048
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.65 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion:113 Resp: 88929
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.8 15.4 23.0



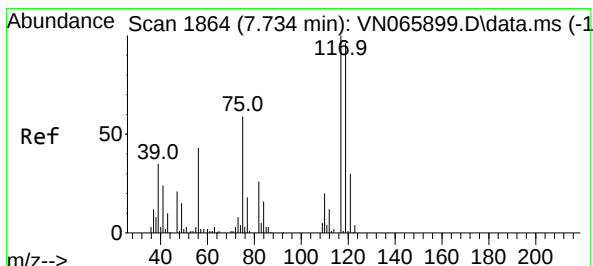
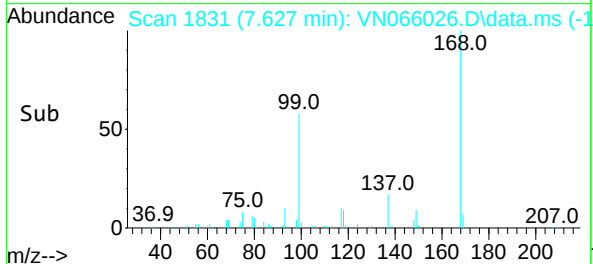
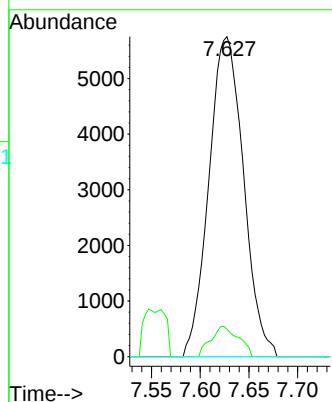
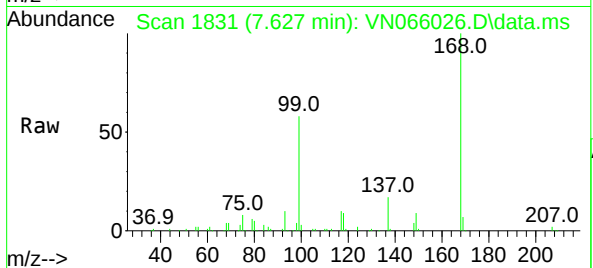


#36

1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Instrument :
MSVOA_N
ClientSampled :

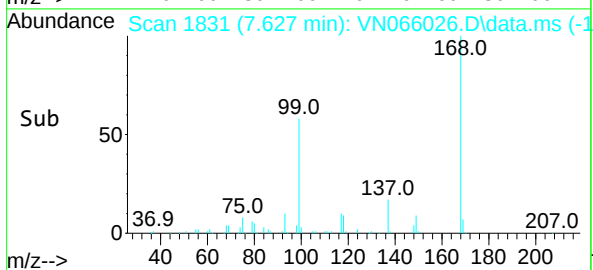
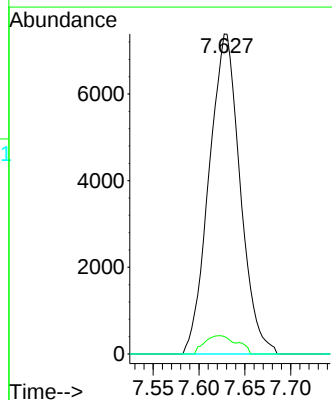
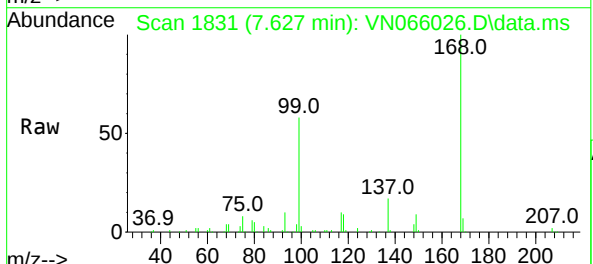
Tgt Ion: 75 Resp: 14227
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#

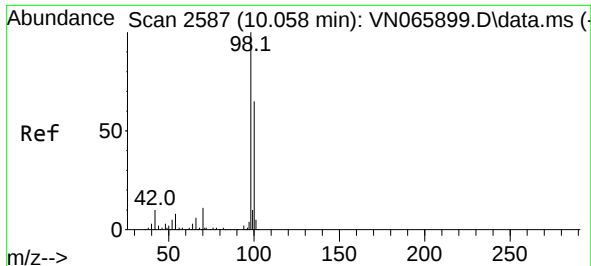


#38

Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion:117 Resp: 17432
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#

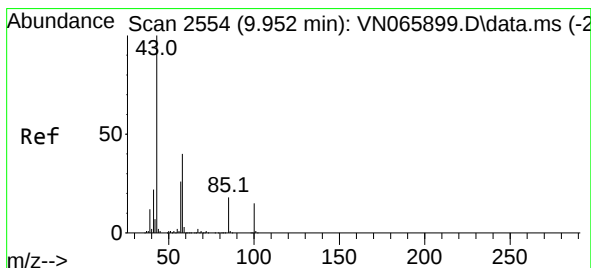
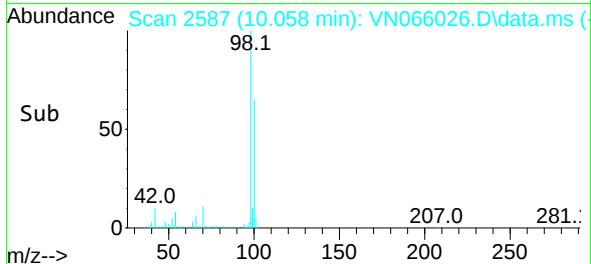
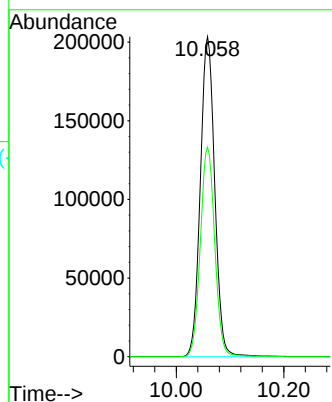
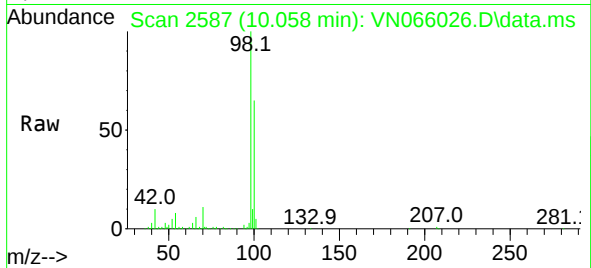




#50
Toluene-d8
Concen: 48.25 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

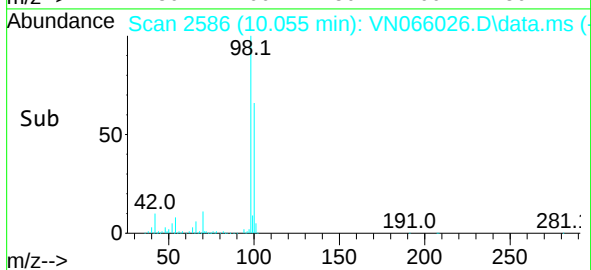
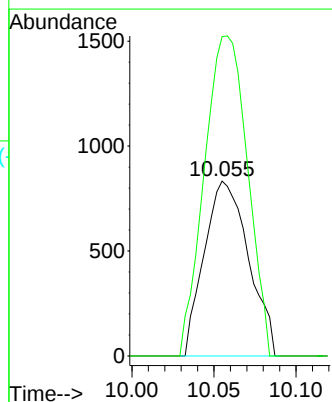
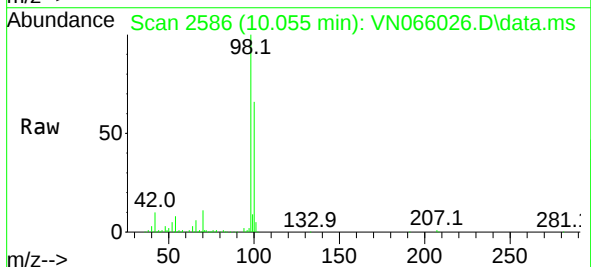
Instrument :
MSVOA_N
ClientSampled :

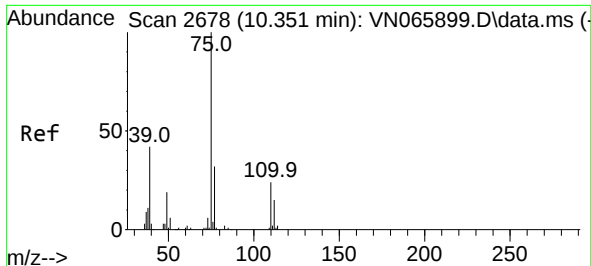
Tgt Ion: 98 Resp: 377604
Ion Ratio Lower Upper
98 100
100 65.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 178.0 32.5 48.7#

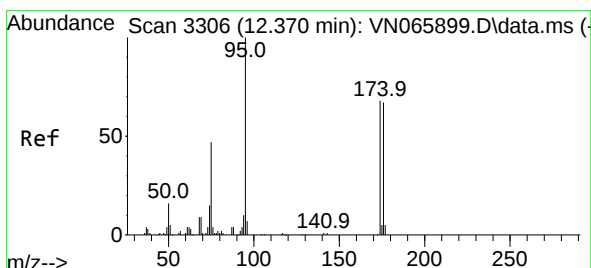
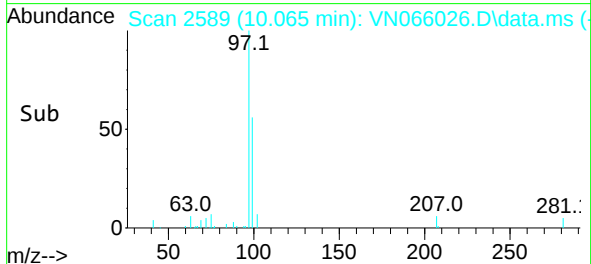
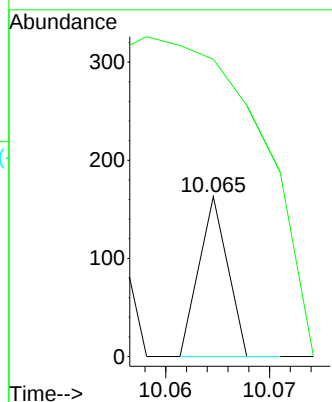
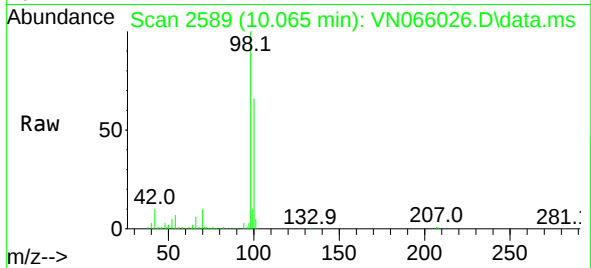




#53
t-1,3-Dichloropropene
Concen: 1.99 ug/l
RT: 10.065 min Scan# 2589
Delta R.T. -0.286 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

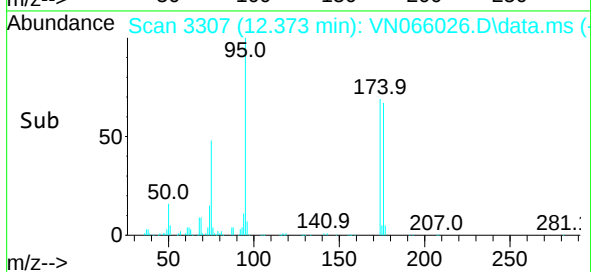
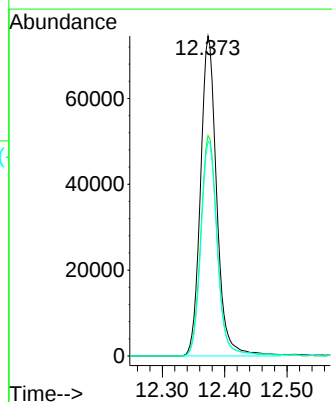
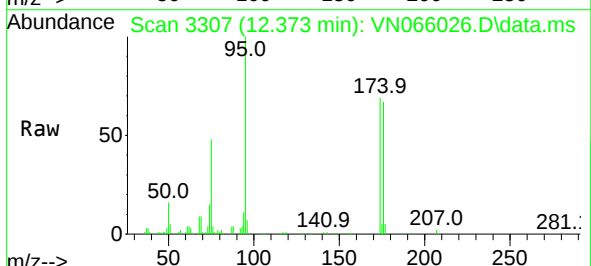
Instrument :
MSVOA_N
ClientSampled :

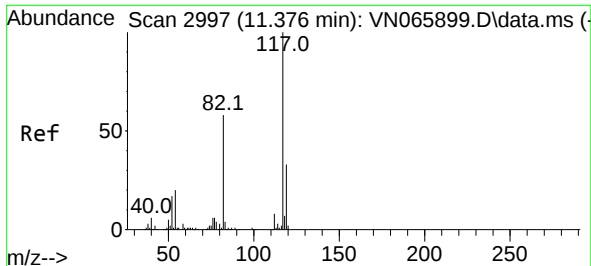
Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 70.6 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 45.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion: 95 Resp: 134551
Ion Ratio Lower Upper
95 100
174 70.0 0.0 169.0
176 68.2 0.0 162.4

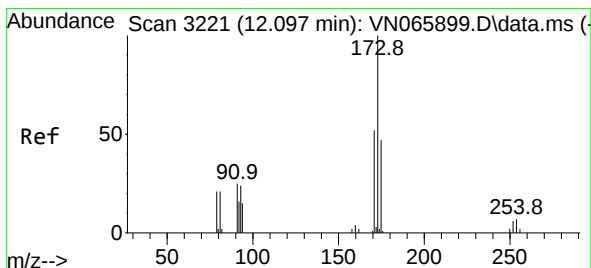
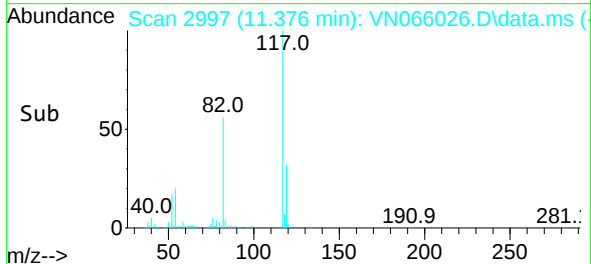
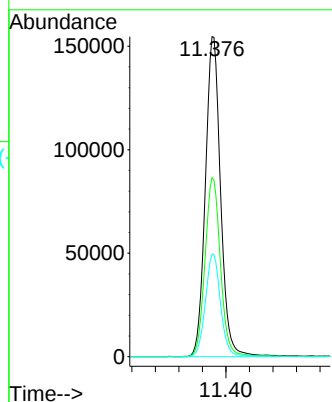
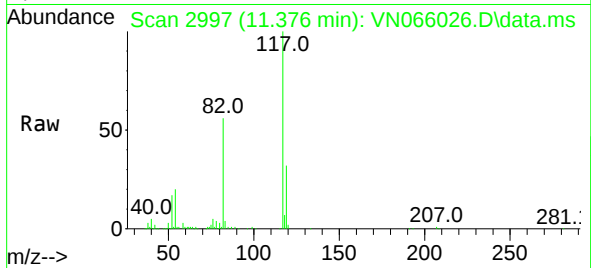




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

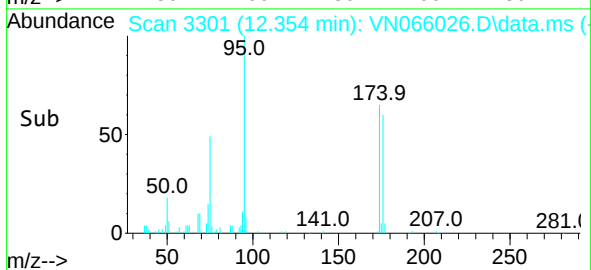
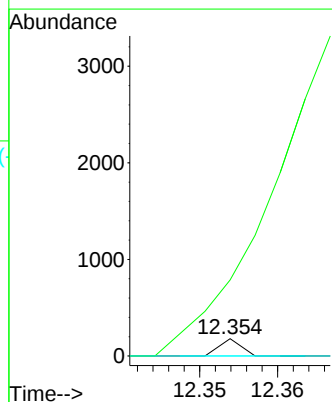
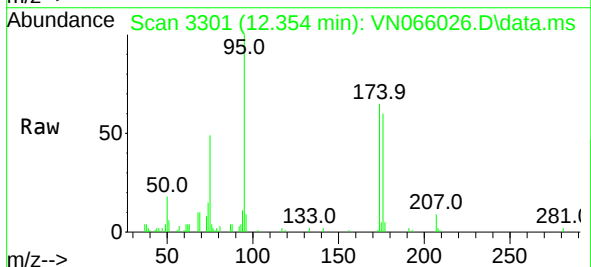
Instrument :
MSVOA_N
ClientSampleId :

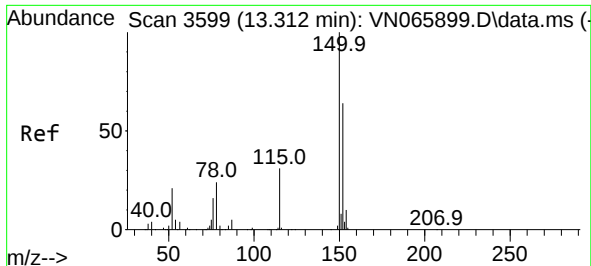
Tgt Ion:117 Resp: 278349
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 32.0 26.1 39.1



#71
Bromoform
Concen: 2.52 ug/l
RT: 12.354 min Scan# 3301
Delta R.T. 0.257 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Tgt Ion:173 Resp: 35
Ion Ratio Lower Upper
173 100
175 15862.9 23.8 71.2#
254 0.0 0.0 0.0

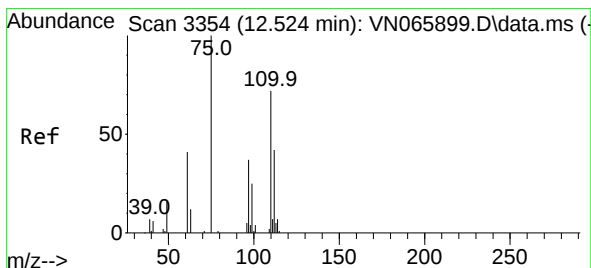
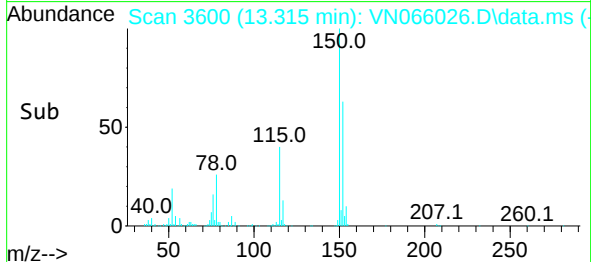
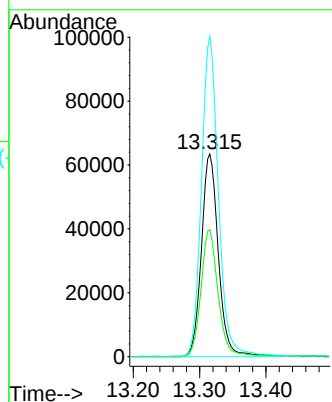
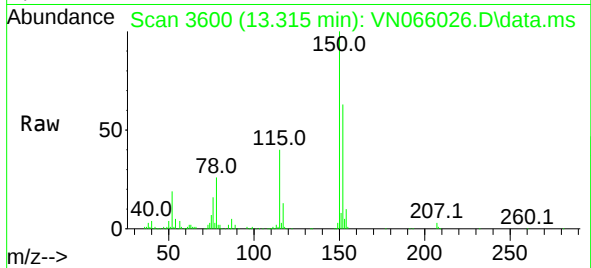




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066026.D
 Acq: 25 Feb 2021 14:33

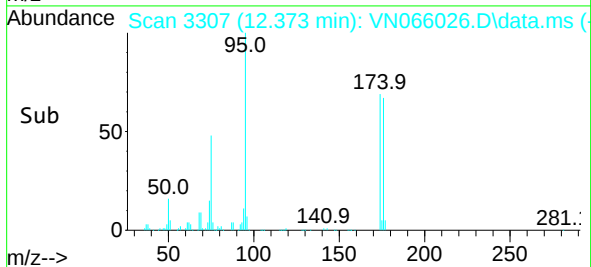
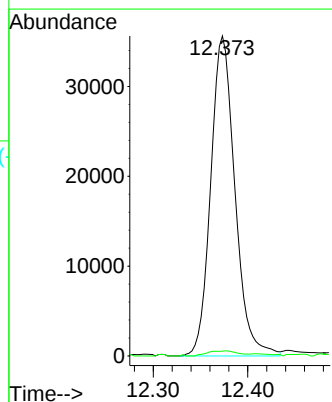
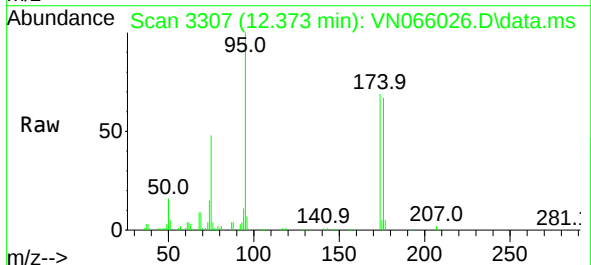
Instrument :
 MSVOA_N
 ClientSampled :

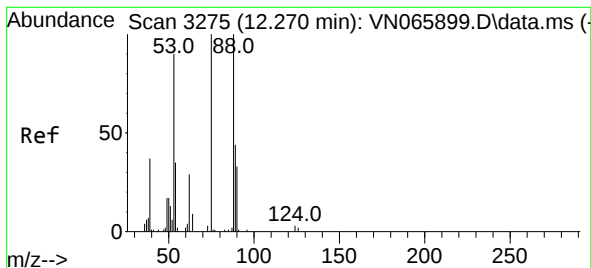
Tgt Ion:152 Resp: 112450
 Ion Ratio Lower Upper
 152 100
 115 63.6 28.5 85.6
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.48 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066026.D
 Acq: 25 Feb 2021 14:33

Tgt Ion: 75 Resp: 63421
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#

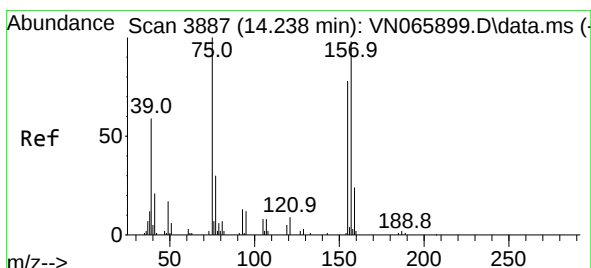
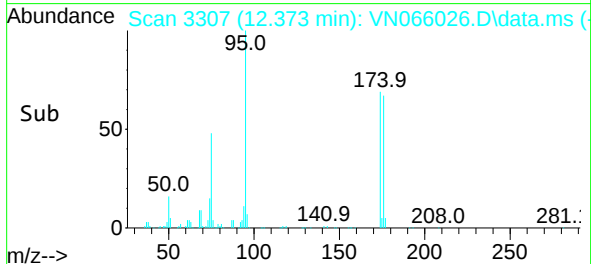
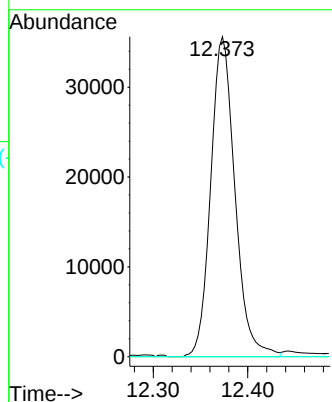
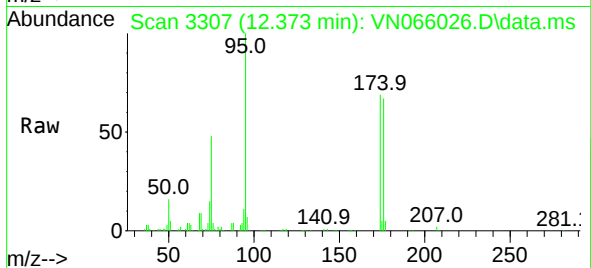




#81
trans-1,4-Dichloro-2-butene
Concen: 74.82 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

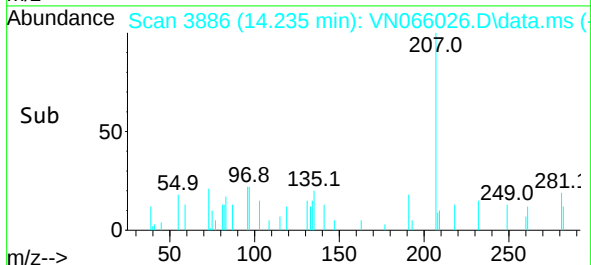
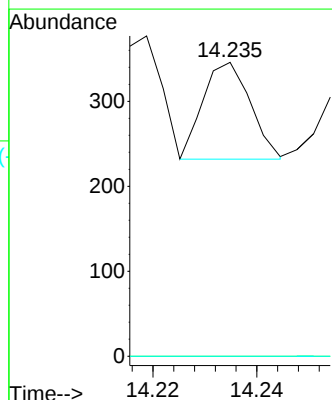
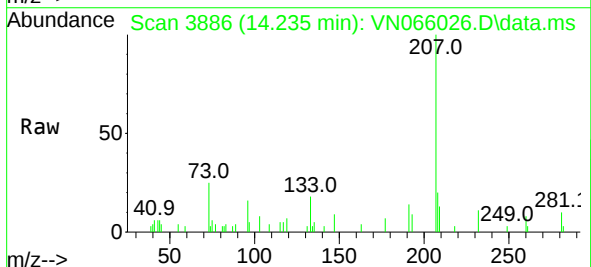
Instrument :
MSVOA_N
ClientSampleId :

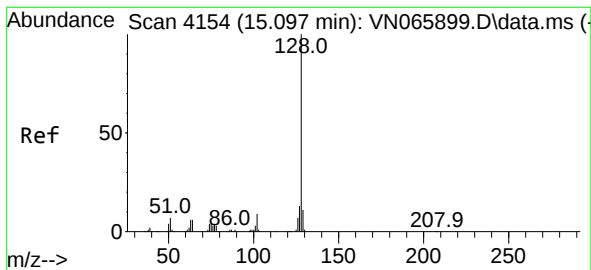
Tgt Ion: 75 Resp: 63421
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.98 ug/l
RT: 14.235 min Scan# 3886
Delta R.T. -0.003 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

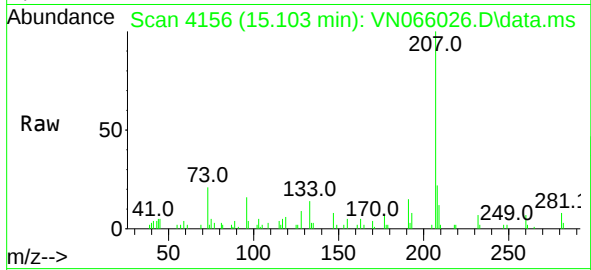
Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.35 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN066026.D
Acq: 25 Feb 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2040
Ion Ratio Lower Upper
128 100
127 1.5 10.2 15.2#
129 9.5 8.6 13.0

