

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061054.D
 Acq On : 17 Apr 2020 16:31
 Operator : JC/MD
 Sample : L2337-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:32:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

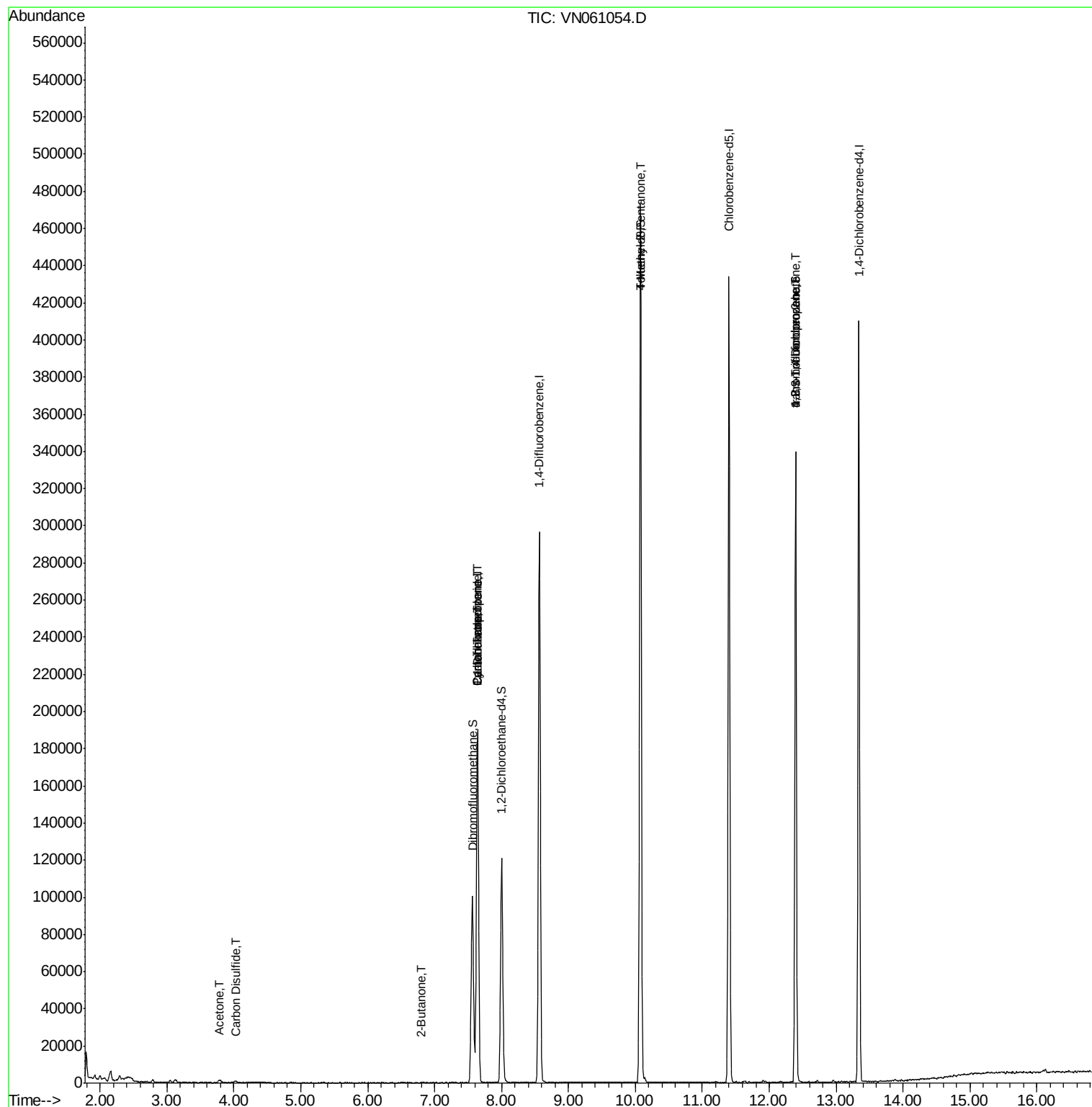
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	259807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103826	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	7.56	113	77837	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	10.08	98	322527	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.39	95	119599	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	3006	3.501	ug/l #	89
17) Carbon Disulfide	4.03	76	1993	0.382	ug/l #	74
25) 2-Butanone	6.81	43	336	0.255	ug/l #	51
31) Cyclohexane	7.63	56	3335	0.918	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12299	4.587	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14891	6.673	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1657	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	61999	26.833	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	61999	66.185	ug/l #	12

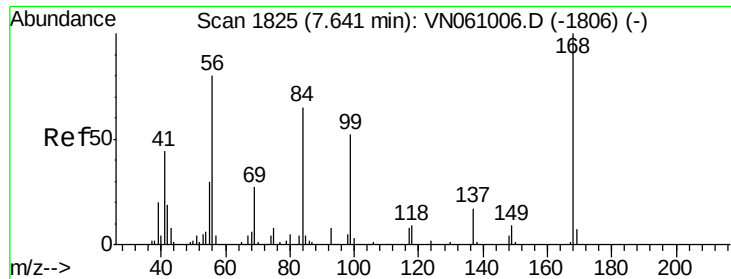
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061054.D
Acq On : 17 Apr 2020 16:31
Operator : JC/MD
Sample : L2337-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 20 01:32:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

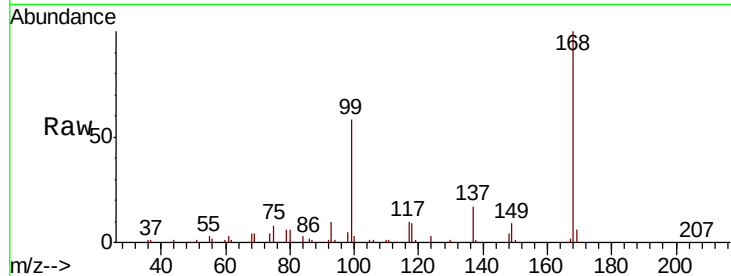
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 152453

Ion Ratio Lower Upper

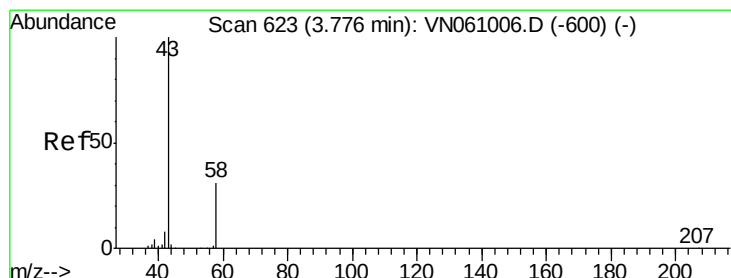
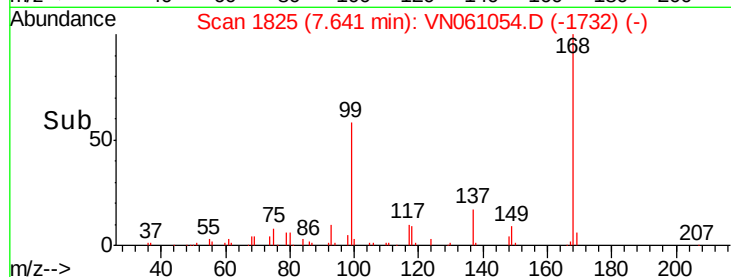
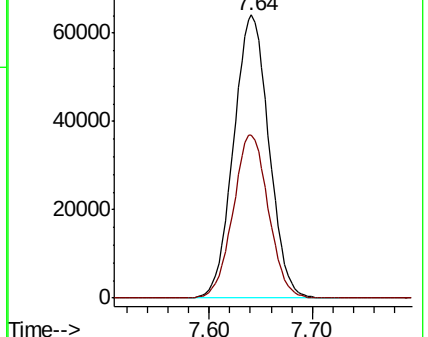
168 100

99 57.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)



#16

Acetone

Concen: 3.501 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061054.D

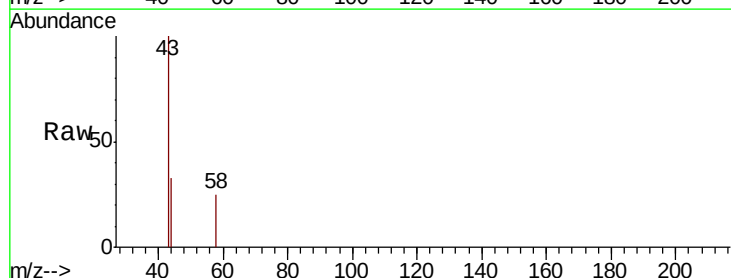
Acq: 17 Apr 2020 16:31

Tgt Ion: 43 Resp: 3006

Ion Ratio Lower Upper

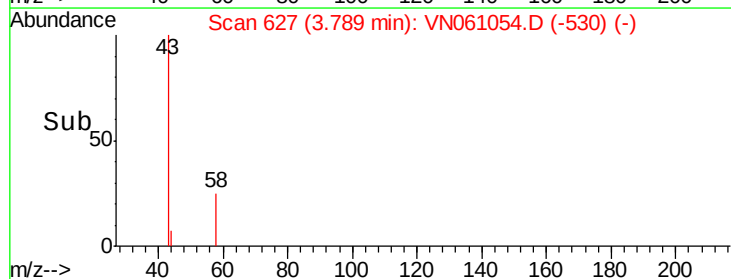
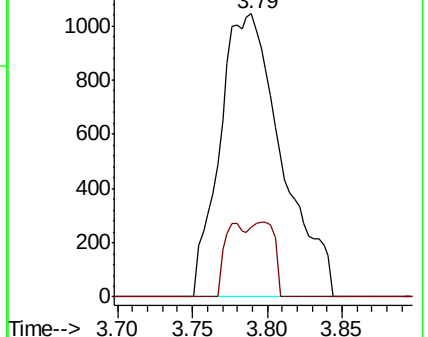
43 100

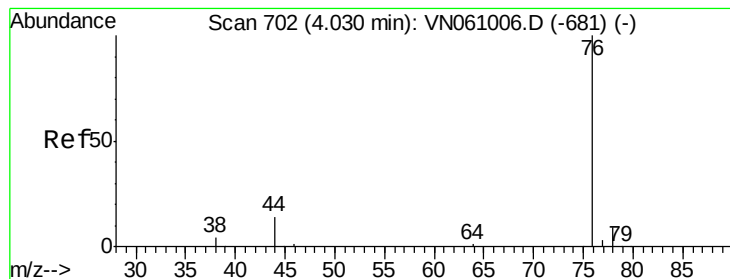
58 24.6 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)





#17

Carbon Disulfide

Concen: 0.382 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

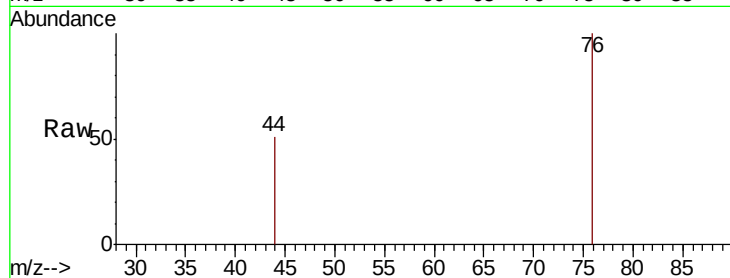
ClientSampled :

Tot Ion: 76 Resp: 1993

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

800

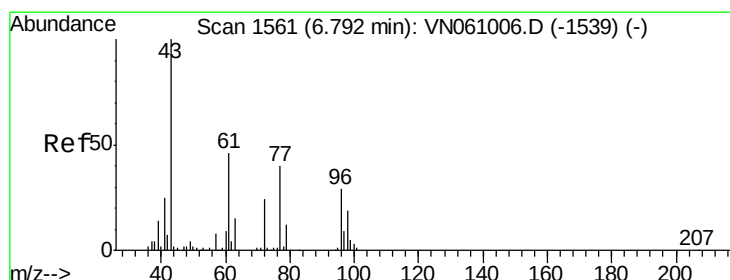
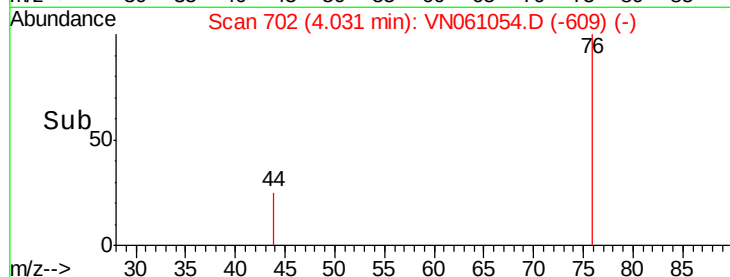
600

400

200

0

Time-->



#25

2-Butanone

Concen: 0.255 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN061054.D

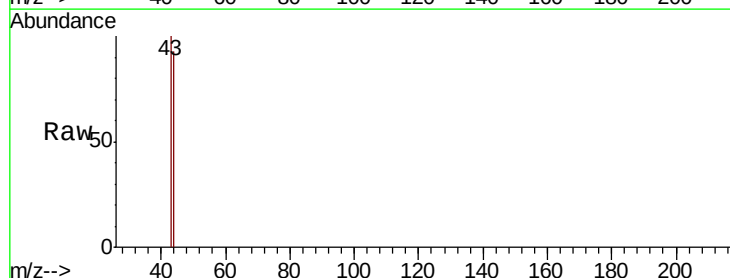
Acq: 17 Apr 2020 16:31

Tgt Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

72 0.0 19.6 29.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

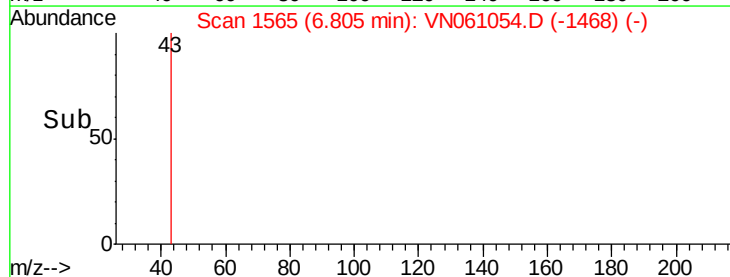
300

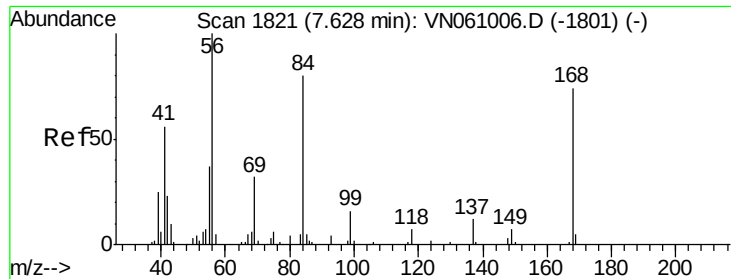
200

100

0

Time-->

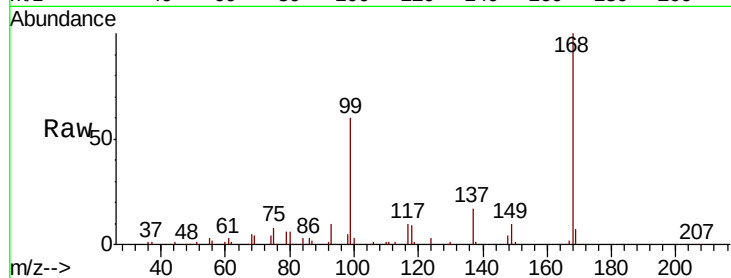




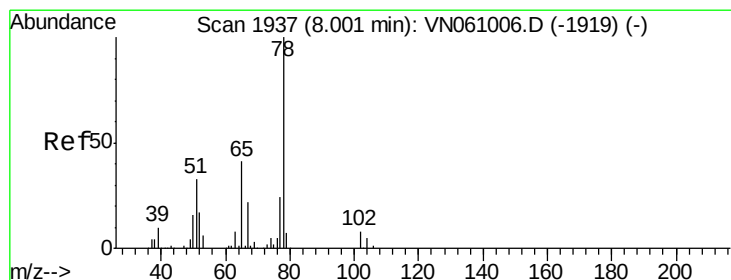
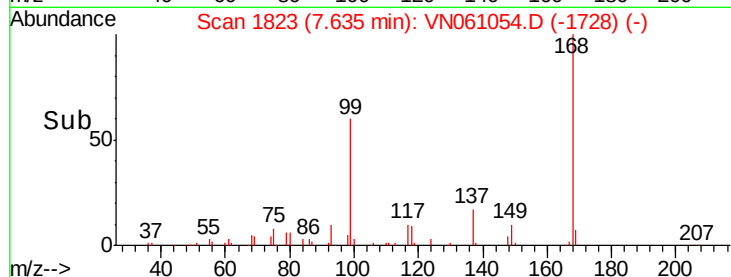
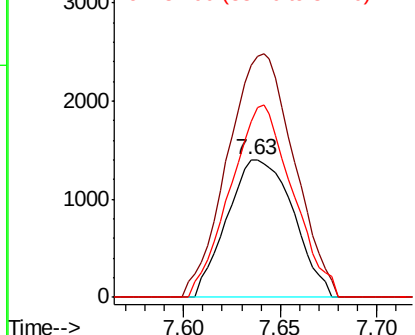
#31
Cyclohexane
Concen: 0.918 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 3335
Ion Ratio Lower Upper
56 100
69 168.7 25.6 38.4#
84 127.7 63.4 95.2#

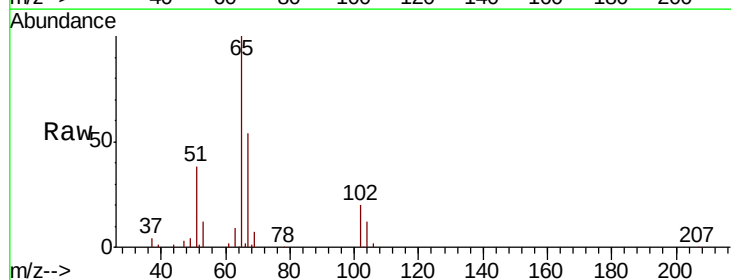


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

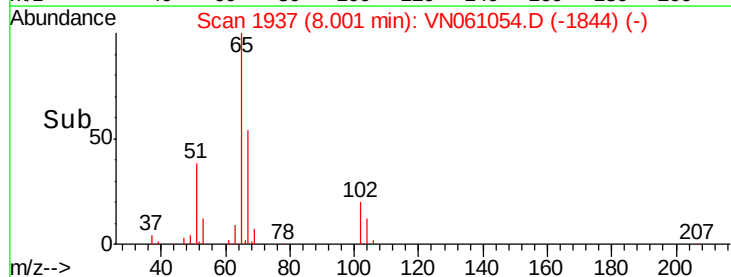
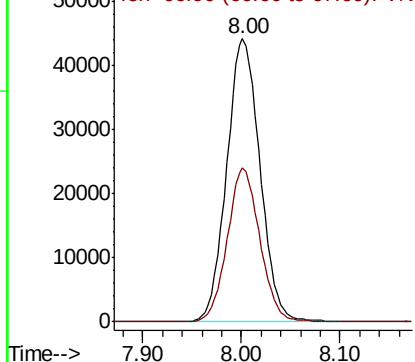


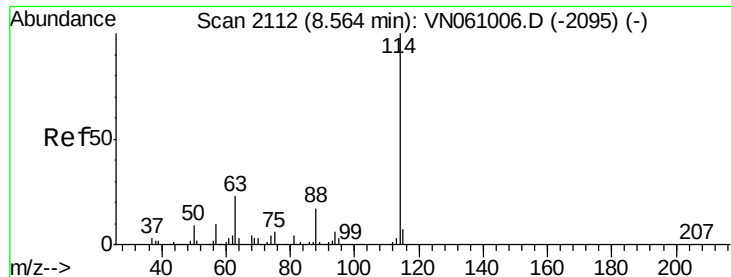
#33
1,2-Dichloroethane-d4
Concen: 53.230 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Tgt Ion: 65 Resp: 103826
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

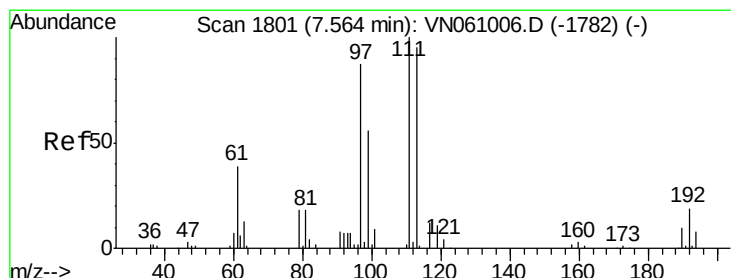
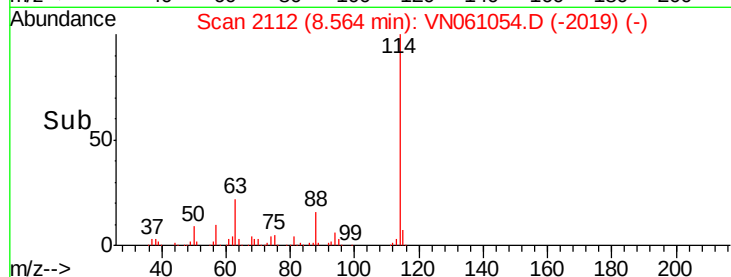
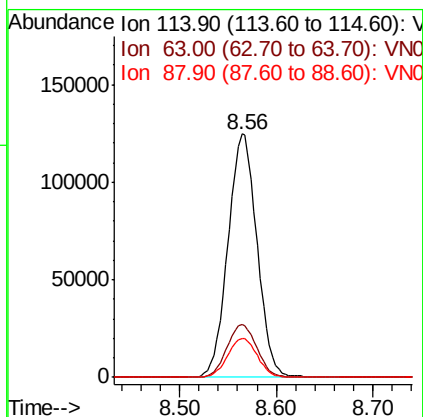
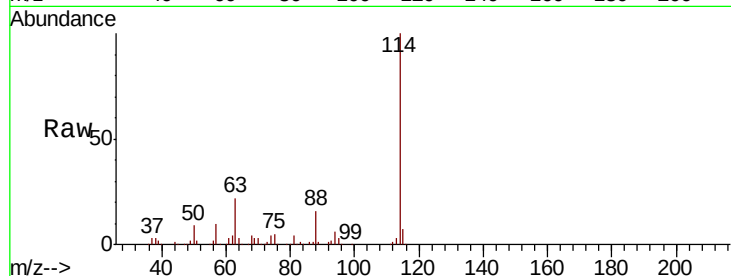




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

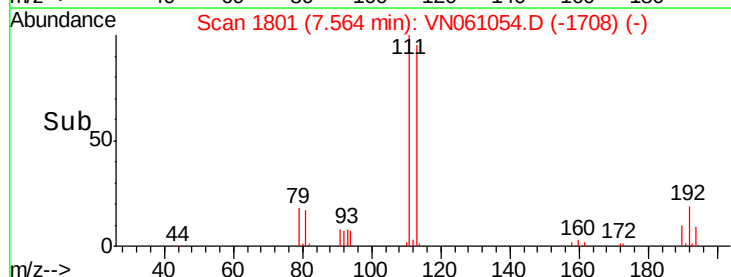
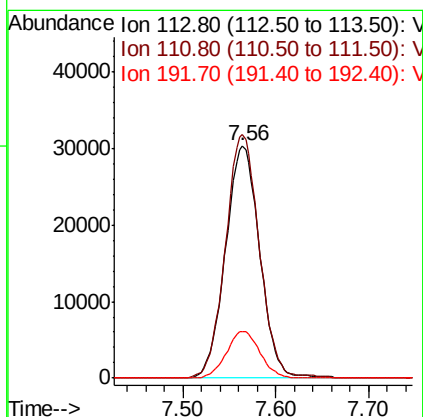
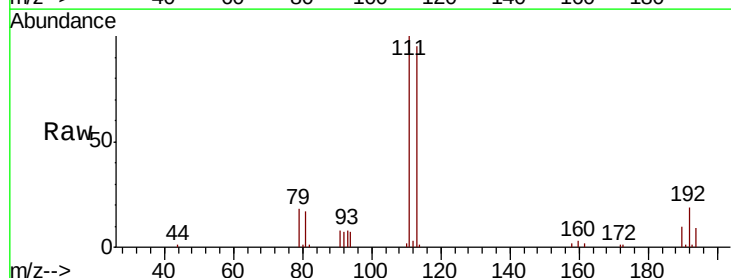
Instrument :
 MSVOA_N
 ClientSampleId :

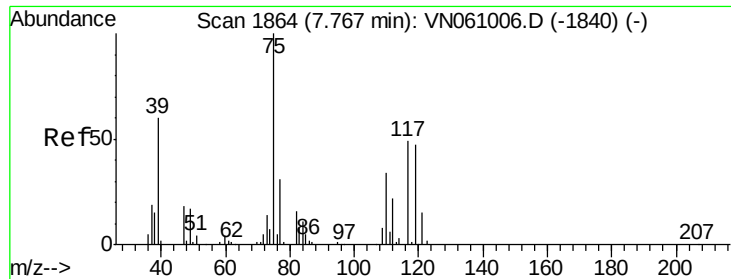
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.2
88	16.0	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 51.302 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	19.6	15.5	23.3

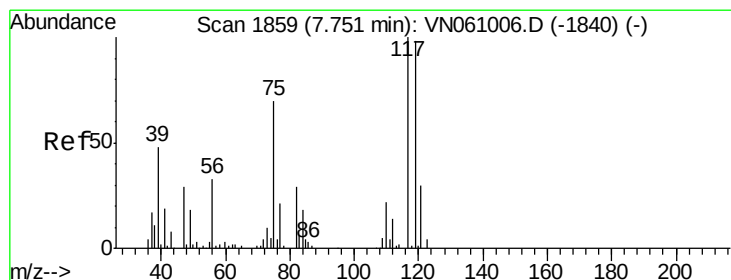
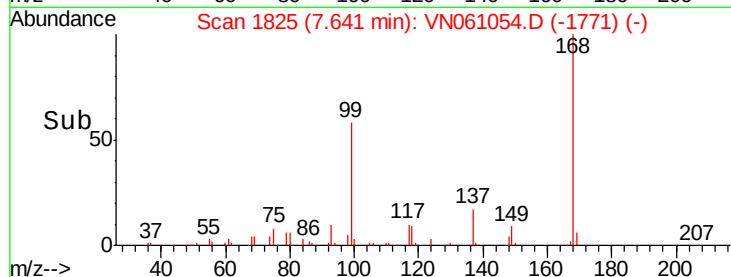
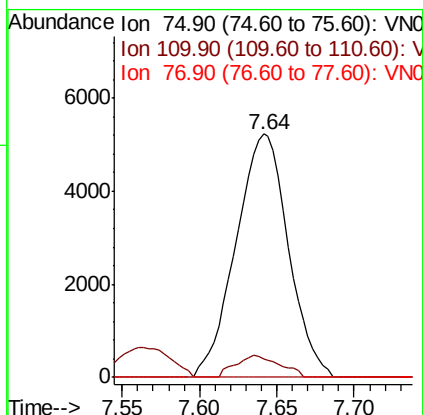
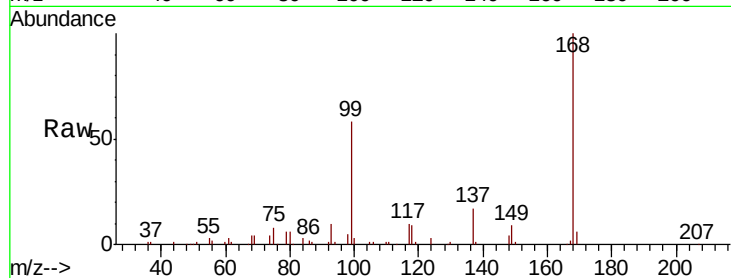




#36
 1,1-Dichloropropene
 Concen: 4.587 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

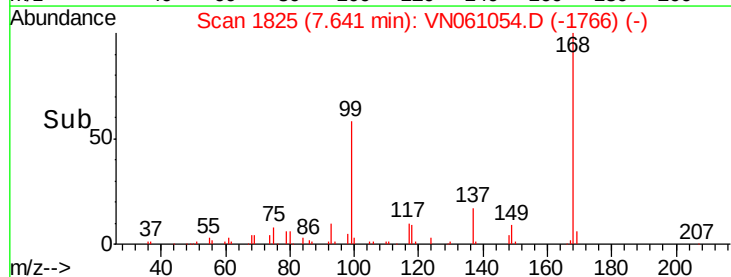
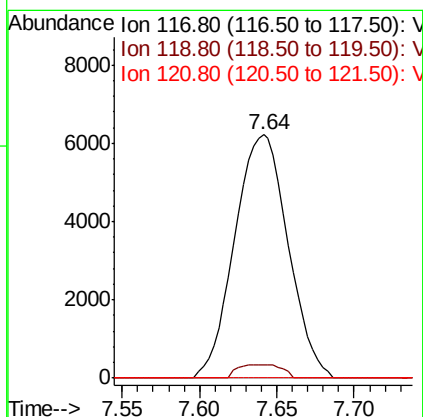
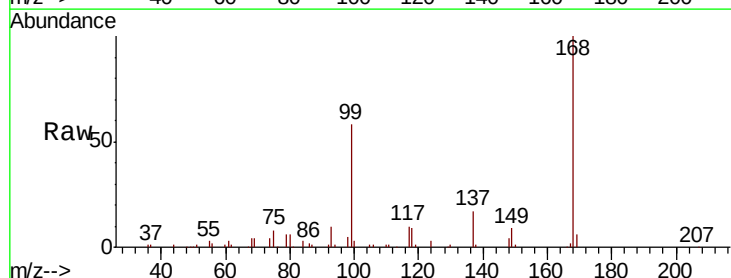
Instrument :
 MSVOA_N
 ClientSampled :

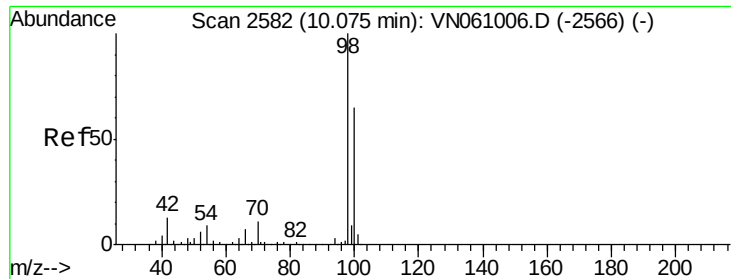
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.673 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.1	117.1#
121	0.0	24.0	36.0#

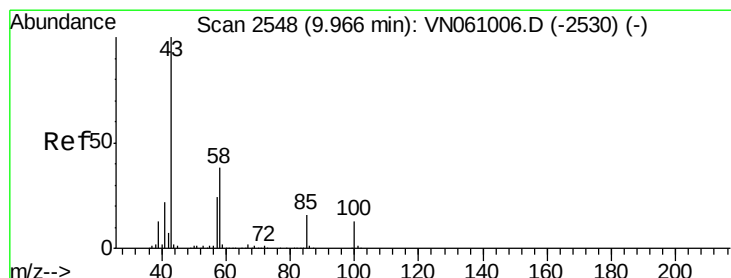
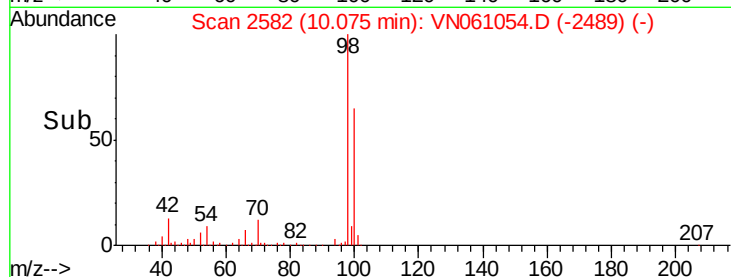
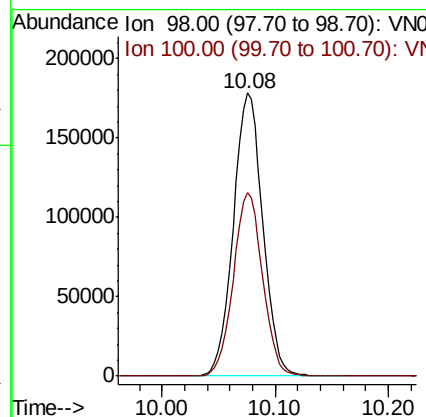
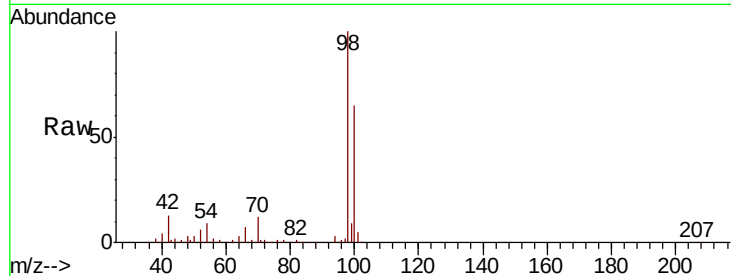




#50
Toluene-d8
Concen: 56.255 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

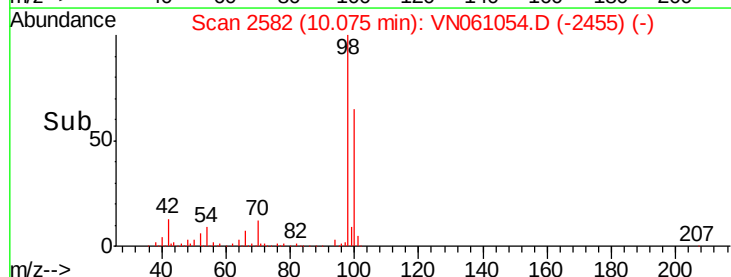
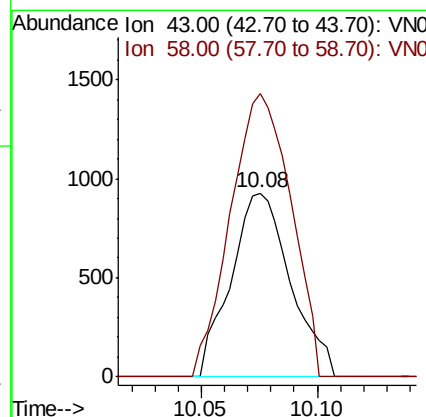
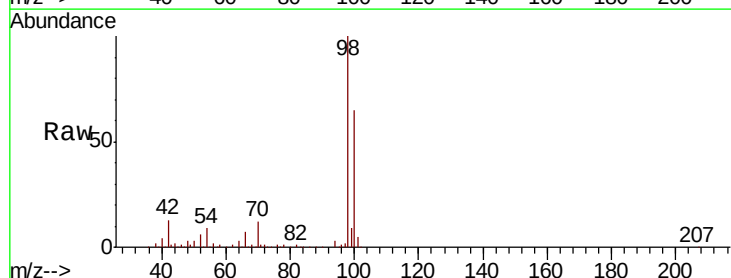
Instrument :
MSVOA_N
ClientSampled :

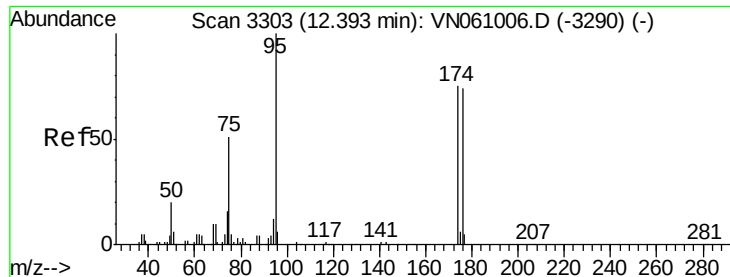
Tot Ion: 98 Resp: 322527
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.11 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 155.9 30.3 45.5#

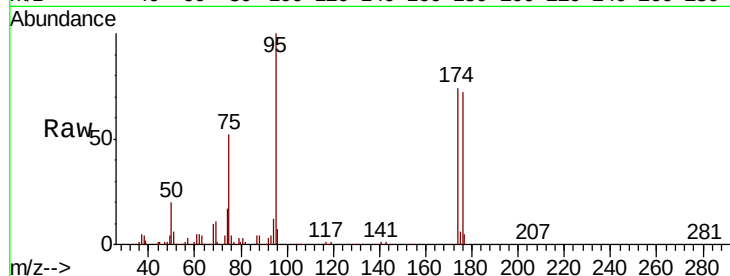




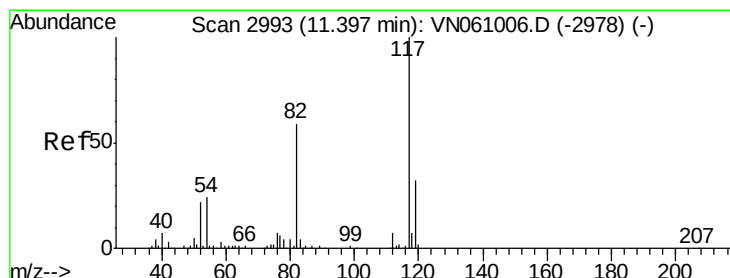
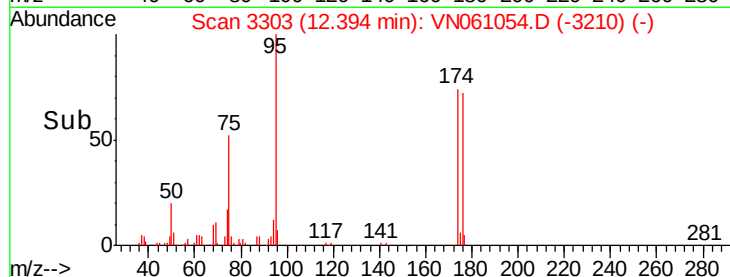
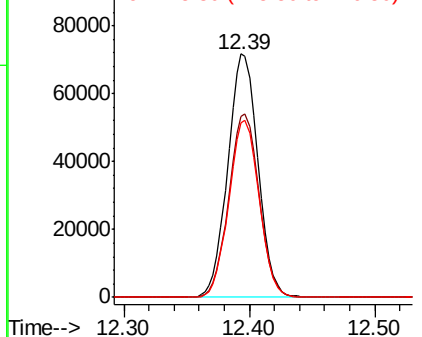
#62
4-Bromofluorobenzene
Concen: 53.225 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.00 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 95 Resp: 119599
Ion Ratio Lower Upper
95 100
174 75.9 0.0 151.2
176 73.0 0.0 148.2

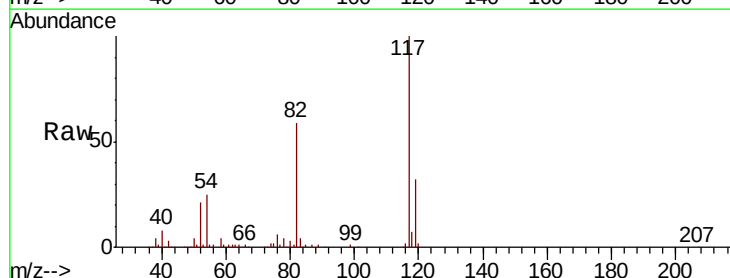


Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)

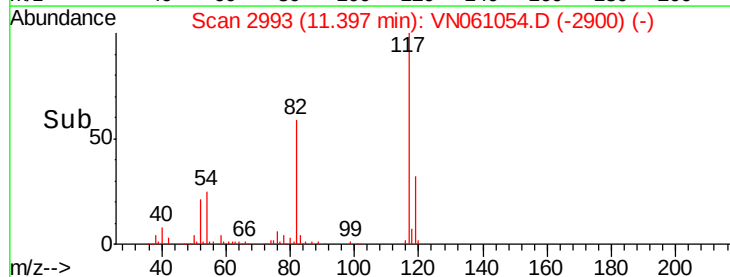
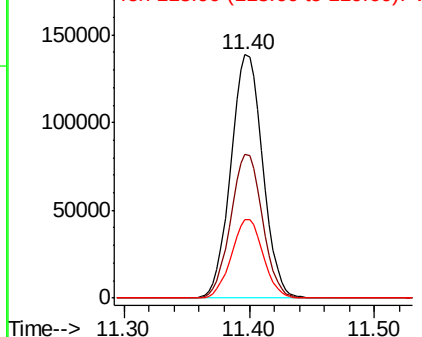


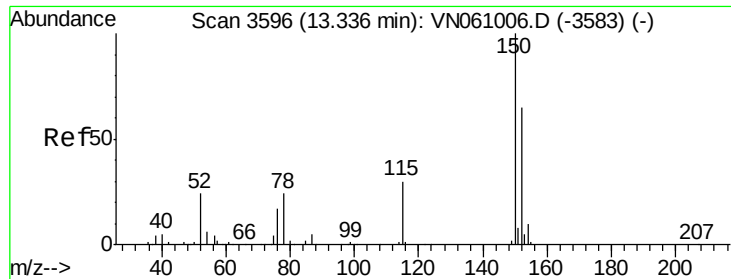
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Tgt Ion: 117 Resp: 244919
Ion Ratio Lower Upper
117 100
82 59.1 47.1 70.7
119 32.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)
Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)
Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)



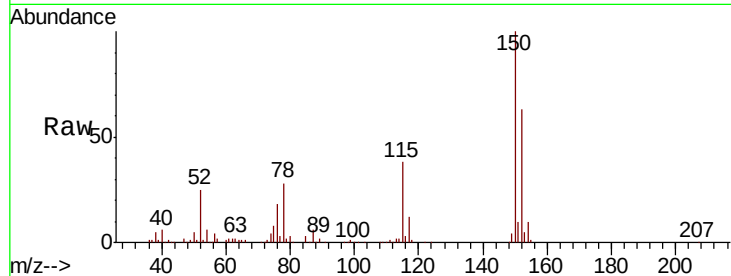


#72

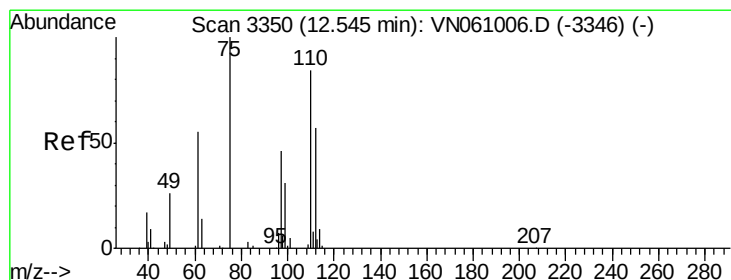
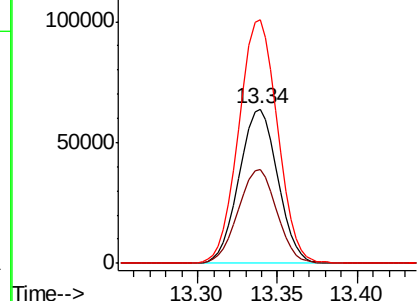
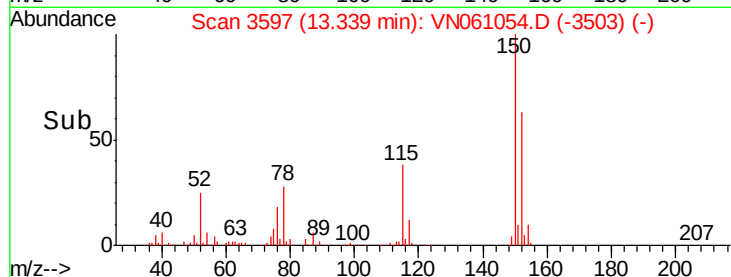
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.8	92.4
150	158.6	0.0	349.0



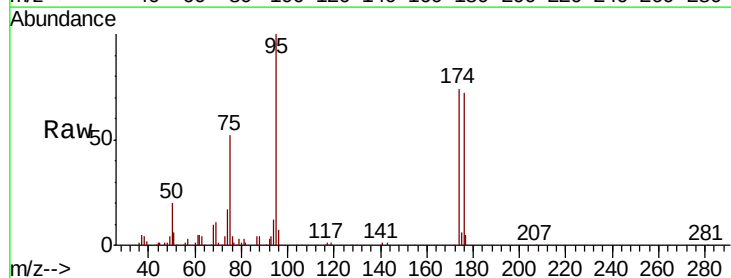
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



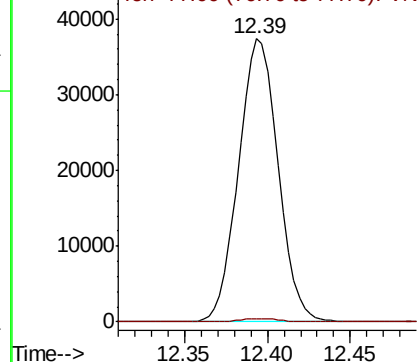
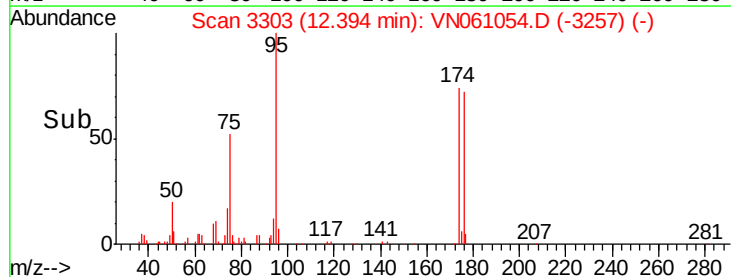
#76

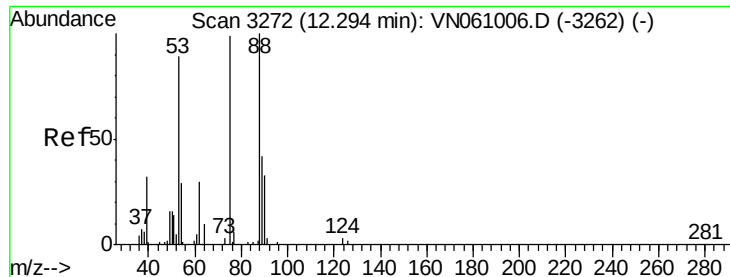
1,2,3-Trichloropropane
Concen: 26.833 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.185 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 61999
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

