

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061276.D
 Acq On : 4 May 2020 14:30
 Operator : JC/MD
 Sample : L2457-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:43:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

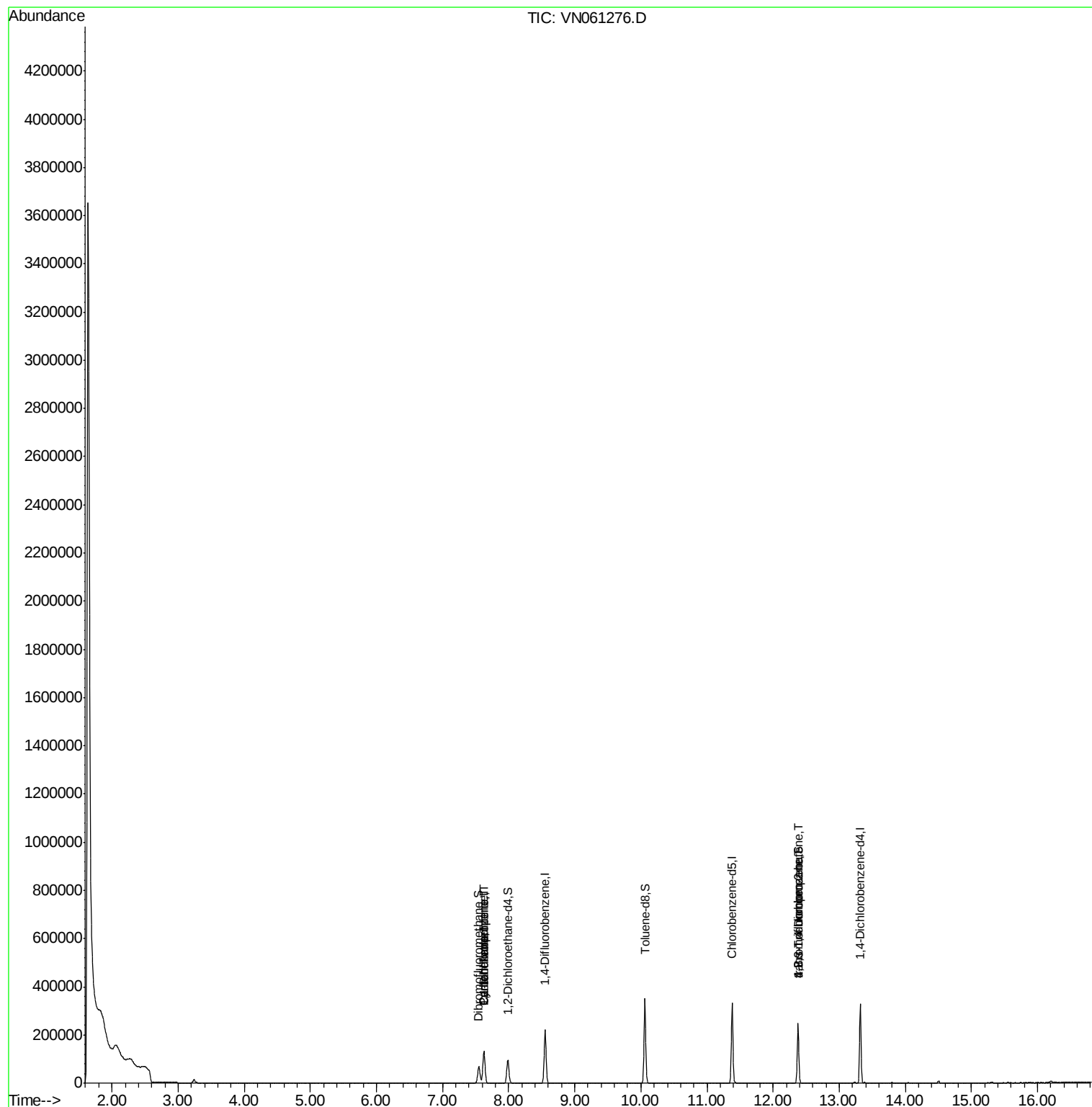
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84909	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.55	113	52802	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.06	98	227970	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.38	95	84375	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
Target Compounds				Qvalue		
16) Acetone	3.77	43	881	Below Cal	#	47
31) Cyclohexane	7.63	56	2854	1.235	ug/l #	17
36) 1,1-Dichloropropene	7.63	75	9394	5.172	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11196	8.734	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	46832	27.911	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	46832	70.879	ug/l #	8

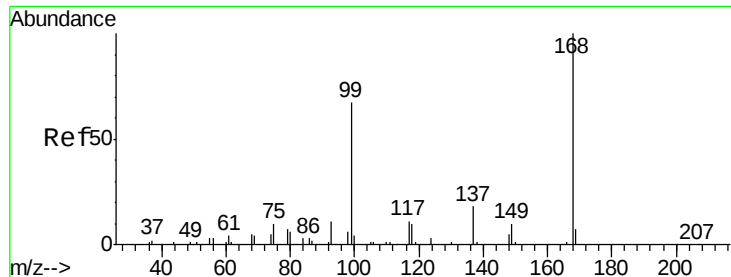
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061276.D

Acq: 4 May 2020 14:30

Instrument :

MSVOA_N

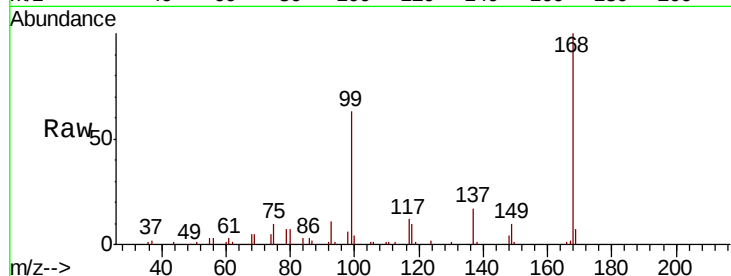
ClientSampleId :

Tot Ion:168 Resp: 100423

Ion Ratio Lower Upper

168 100

99 63.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061276.D (-1784) (-)

Ion 98.90 (98.60 to 99.60): VN061276.D (-1784) (-)

7.63

40000

30000

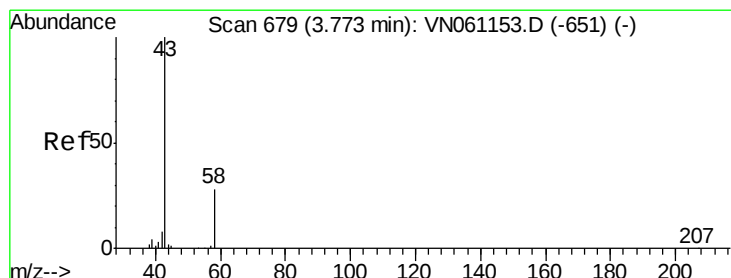
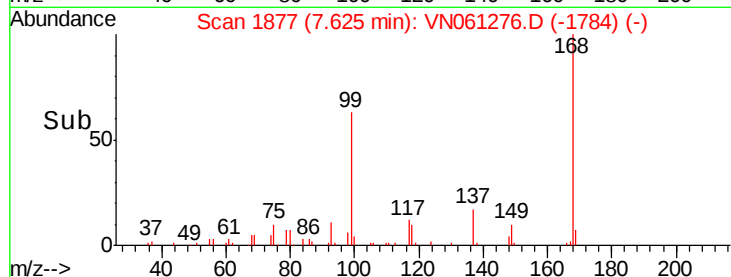
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061276.D

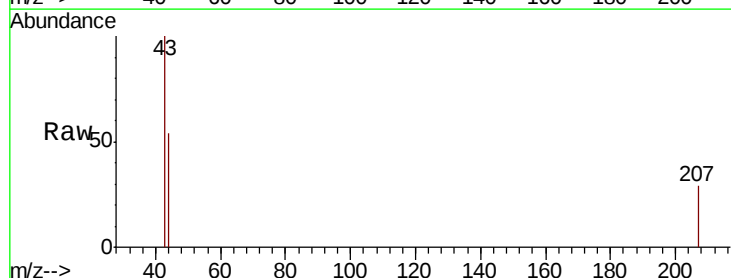
Acq: 4 May 2020 14:30

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN061276.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061276.D (-586) (-)

3.77

800

600

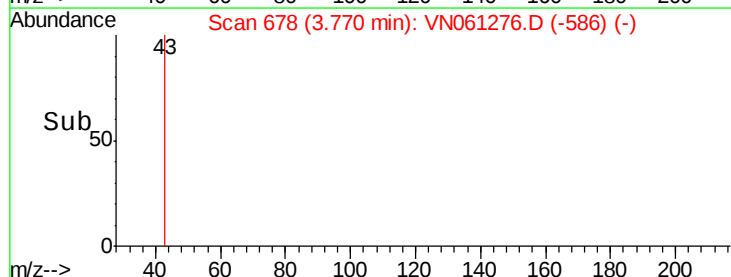
400

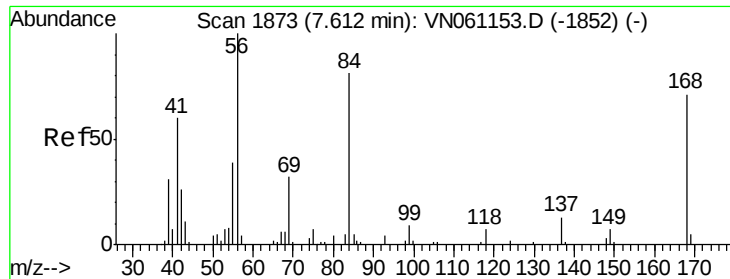
200

0

3.74 3.76 3.78

Time-->

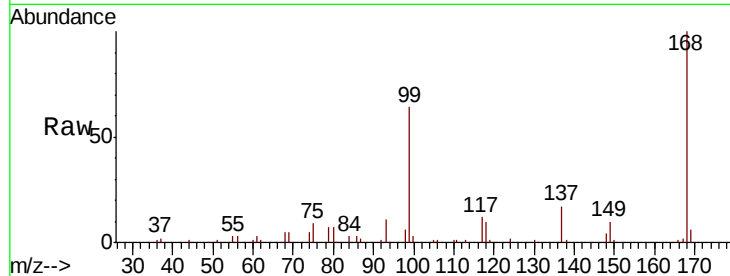




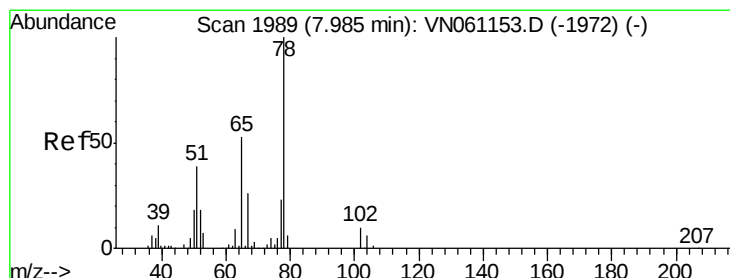
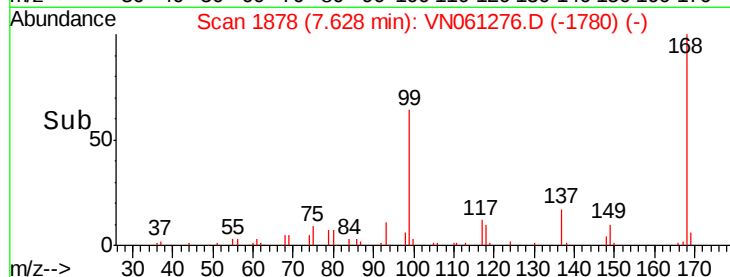
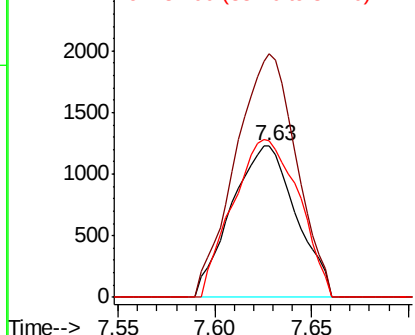
#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061276.D
Acq: 4 May 2020 14:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
69 160.1 25.7 38.5#
84 103.0 64.6 97.0#

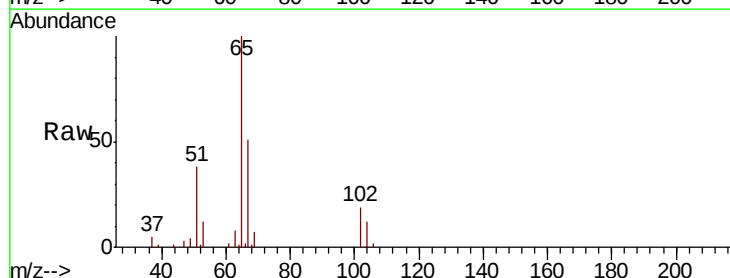


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

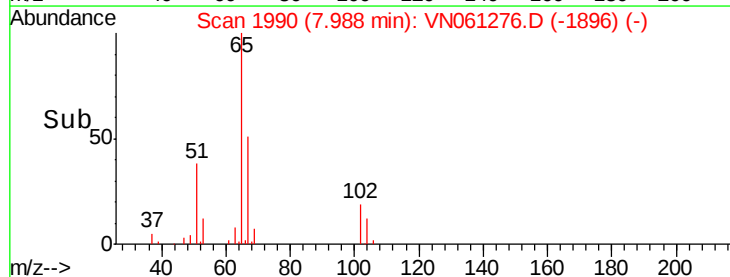
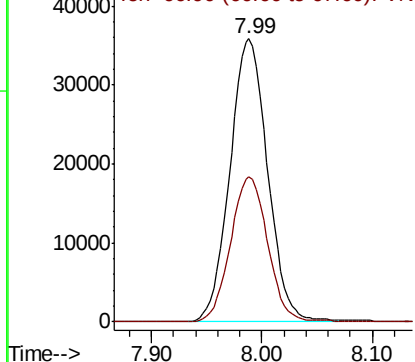


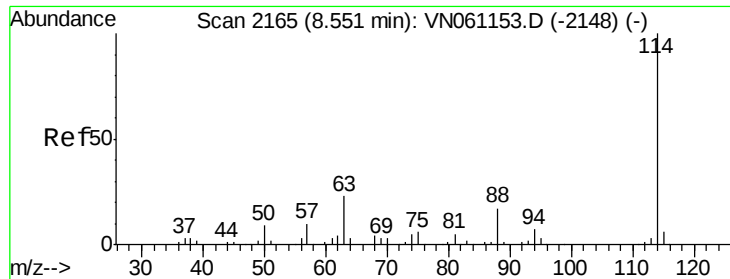
#33
1,2-Dichloroethane-d4
Concen: 53.435 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061276.D
Acq: 4 May 2020 14:30

Tgt Ion: 65 Resp: 84909
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6



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

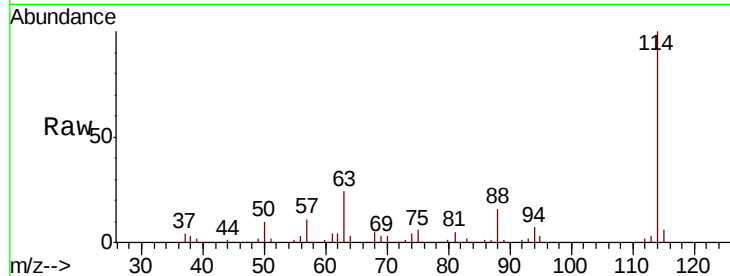




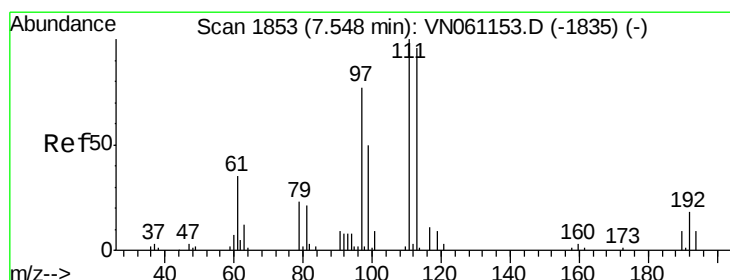
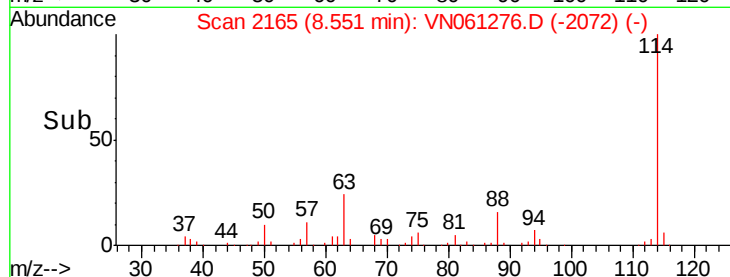
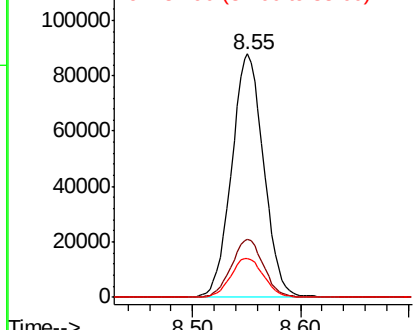
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061276.D
 Acq: 4 May 2020 14:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 181438
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.6
 88 16.2 0.0 33.4

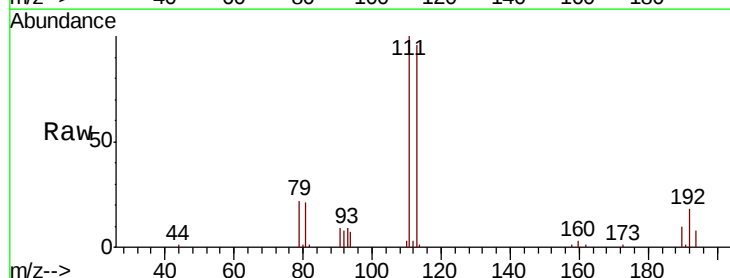


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

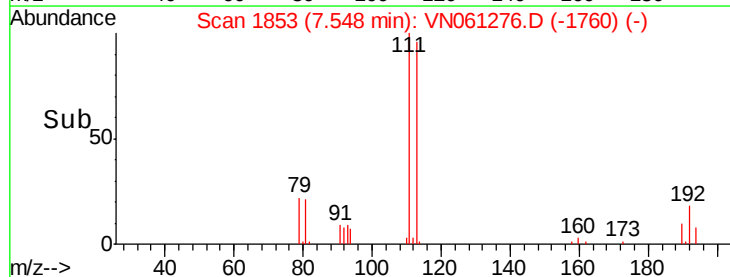
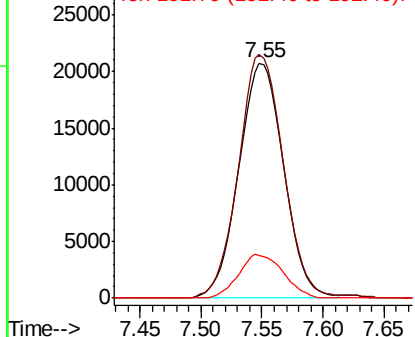


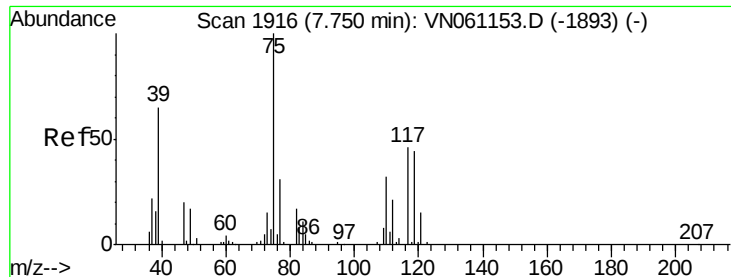
#35
 Dibromofluoromethane
 Concen: 49.215 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061276.D
 Acq: 4 May 2020 14:30

Tgt Ion:113 Resp: 52802
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.5 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

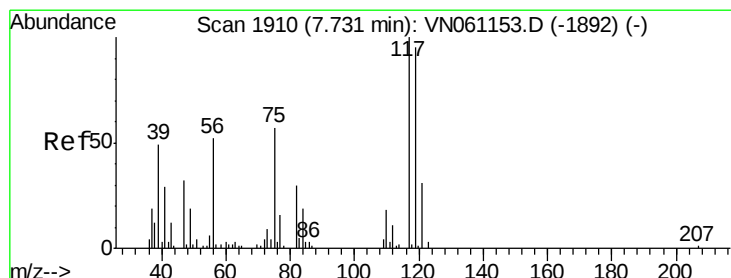
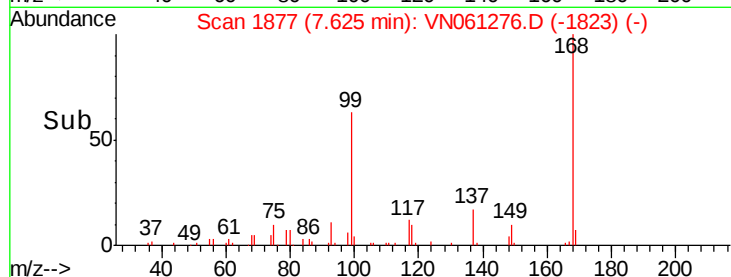
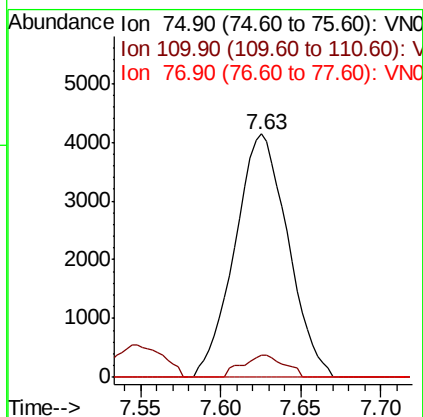
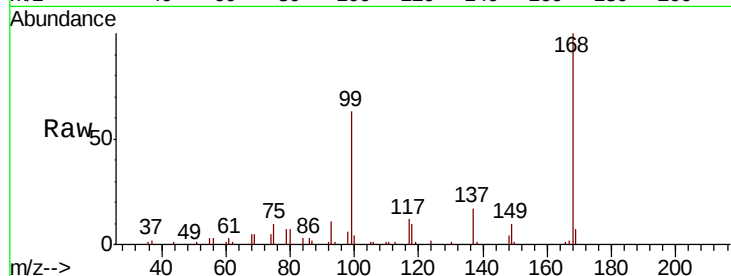




#36
 1,1-Dichloropropene
 Concen: 5.172 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061276.D
 Acq: 4 May 2020 14:30

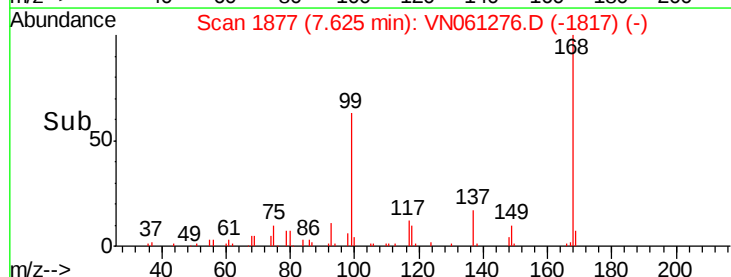
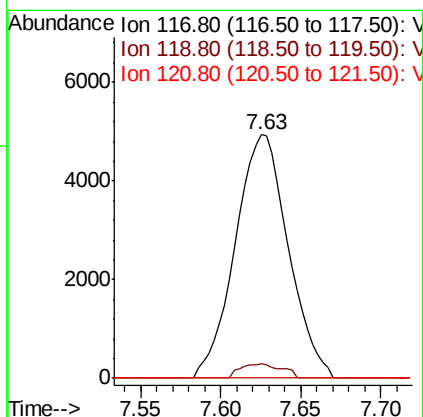
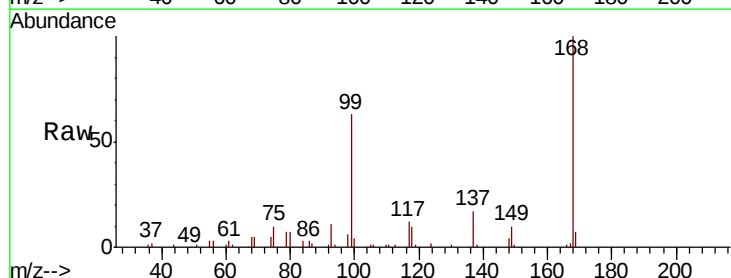
Instrument :
 MSVOA_N
 ClientSampled :

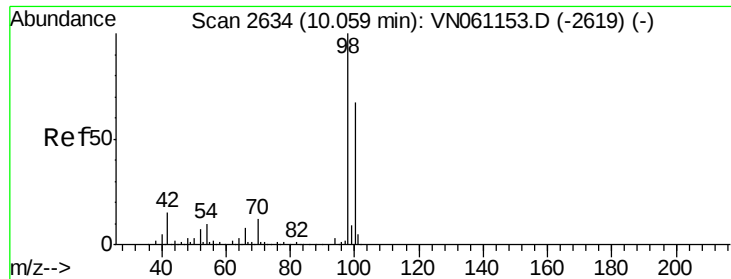
Tot Ion: 75 Resp: 9394
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.734 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061276.D
 Acq: 4 May 2020 14:30

Tgt Ion: 117 Resp: 11196
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 52.124 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061276.D

Acq: 4 May 2020 14:30

Instrument :

MSVOA_N

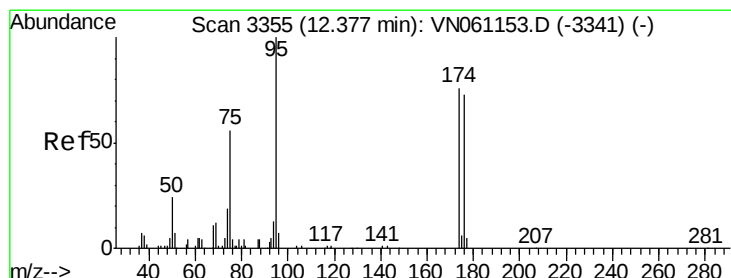
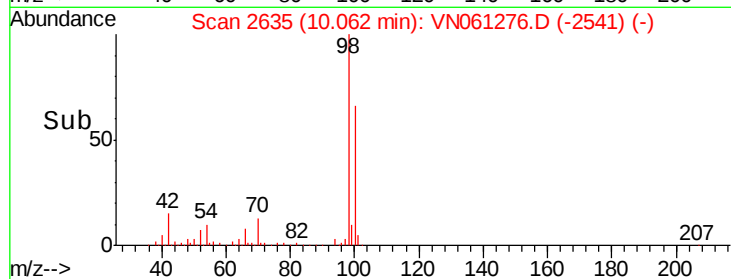
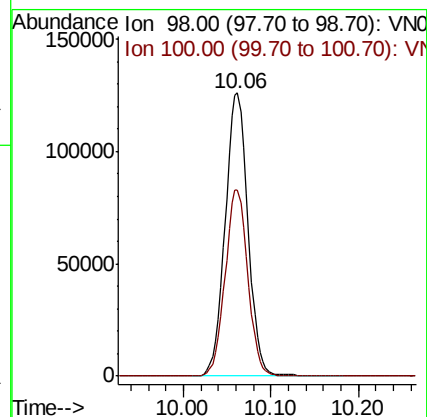
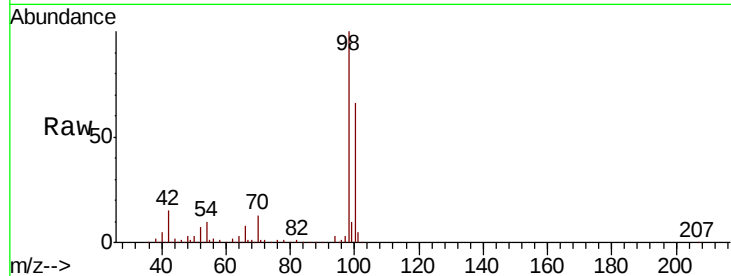
ClientSampled :

Tot Ion: 98 Resp: 227970

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 51.265 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061276.D

Acq: 4 May 2020 14:30

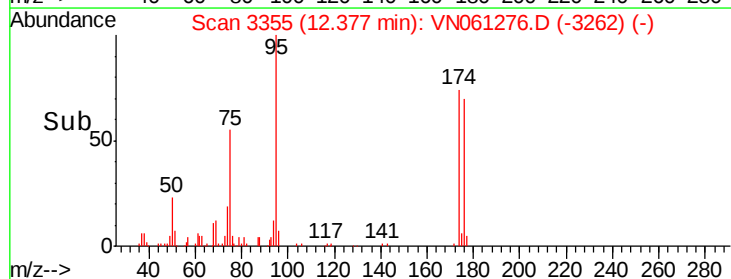
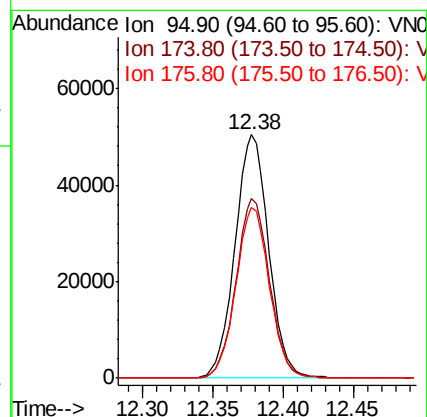
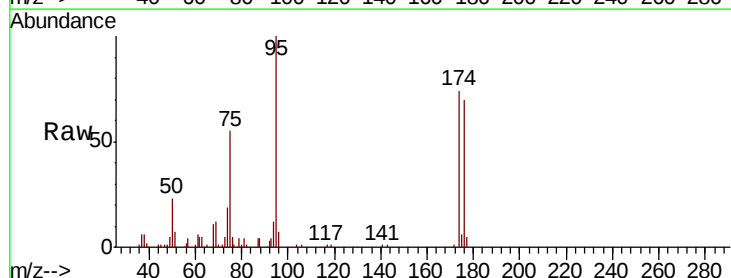
Tgt Ion: 95 Resp: 84375

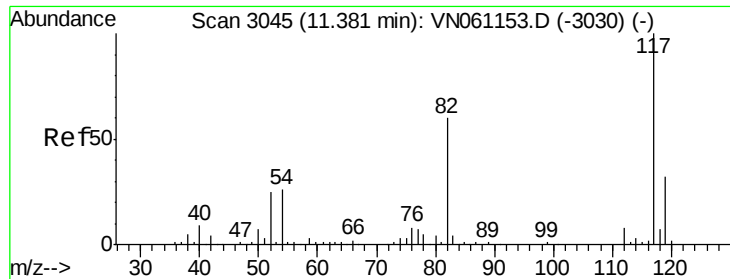
Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

176 69.9 0.0 144.8

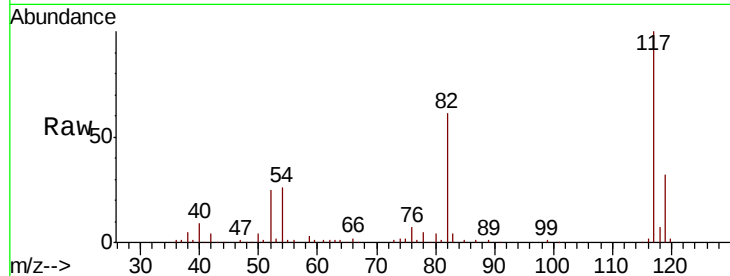




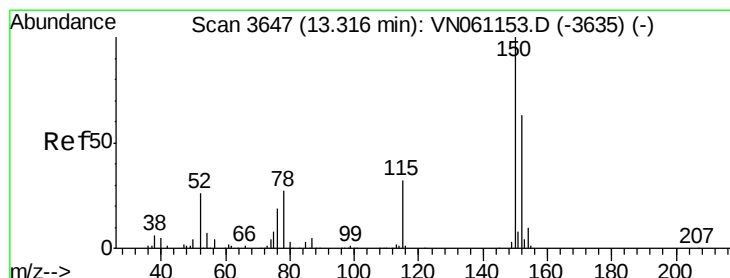
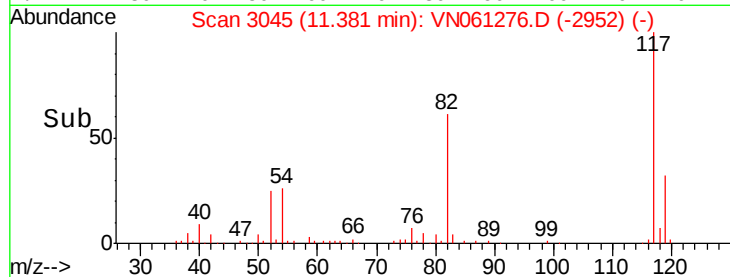
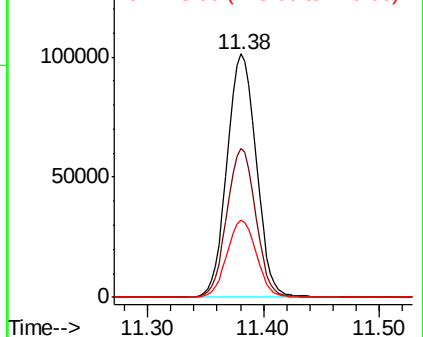
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061276.D
Acq: 4 May 2020 14:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 176503
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 31.7 25.8 38.6

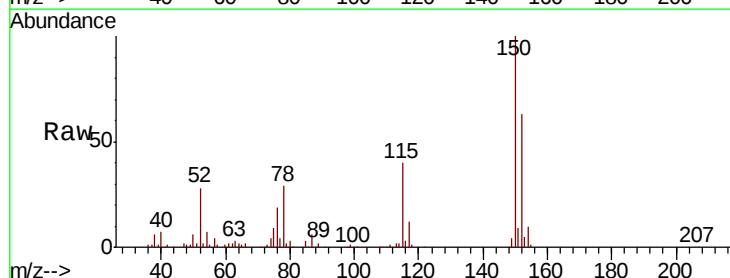


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

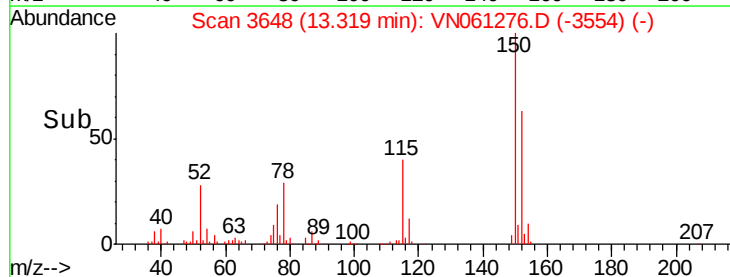
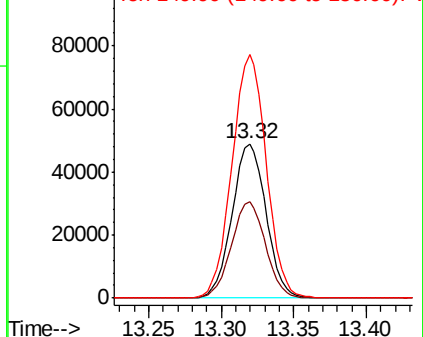


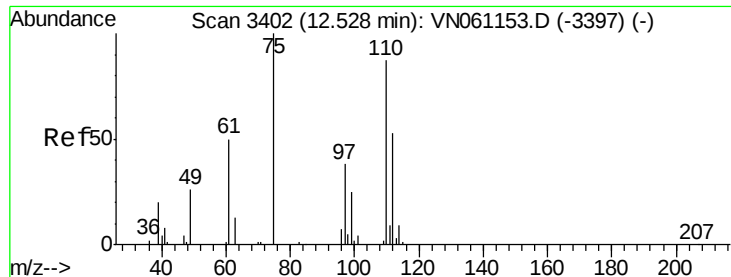
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061276.D
Acq: 4 May 2020 14:30

Tgt Ion:152 Resp: 79587
Ion Ratio Lower Upper
152 100
115 62.5 31.0 93.0
150 159.5 0.0 351.8



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

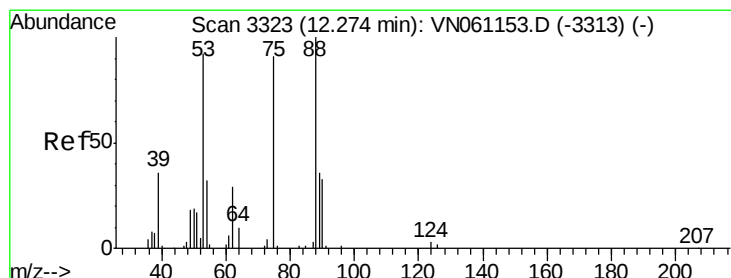
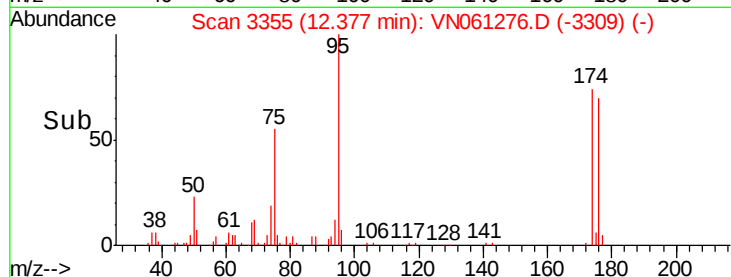
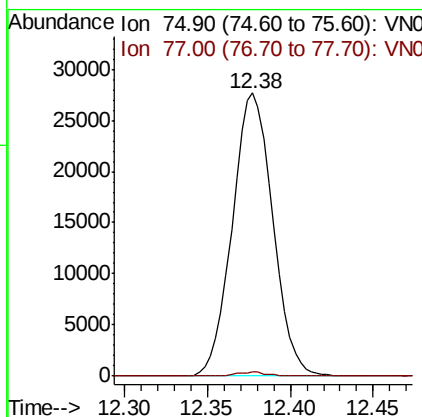
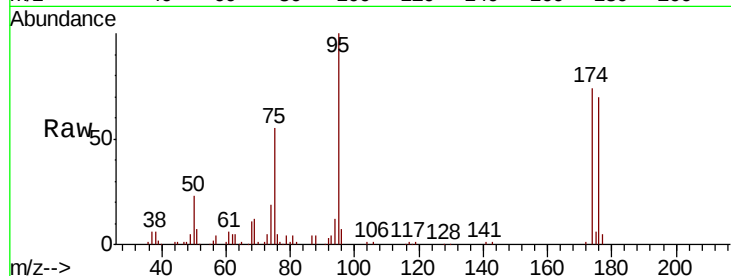




#76
 1,2,3-Trichloropropane
 Concen: 27.911 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061276.D
 Acq: 4 May 2020 14:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 46832
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.879 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061276.D
 Acq: 4 May 2020 14:30

Tgt Ion: 75 Resp: 46832
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

