

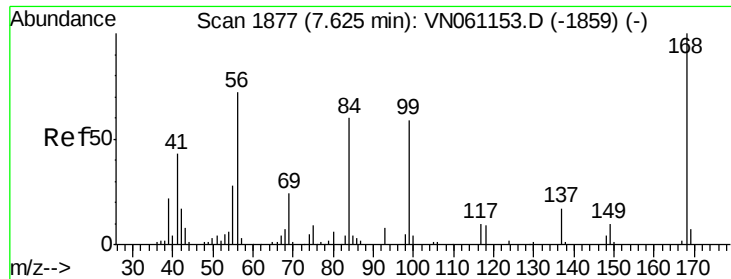
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061286.D
 Acq On : 5 May 2020 12:48
 Operator : JC/MD
 Sample : VN0505WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:43:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	104913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	190402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86350	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.55	113	55955	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.06	98	234969	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	87179	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	316	0.235	ug/l #	42
16) Acetone	3.78	43	893	Below Cal	#	47
31) Cyclohexane	7.63	56	2823	1.169	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	9935	5.212	ug/l #	50
38) Carbon Tetrachloride	7.62	117	11543	8.621	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1254	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	48559	29.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	48559	75.789	ug/l #	8

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061286.D

Acq: 5 May 2020 12:48

Instrument :

MSVOA_N

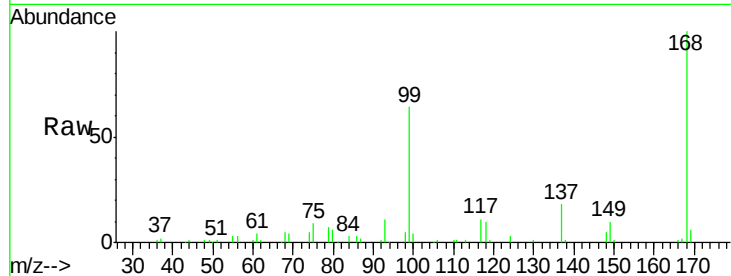
ClientSampleId :

Tot Ion:168 Resp: 104913

Ion Ratio Lower Upper

168 100

99 64.3 51.2 76.8

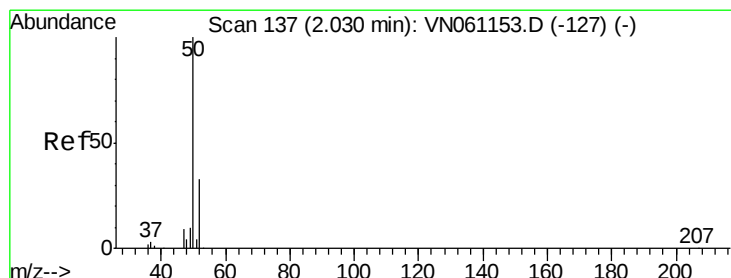
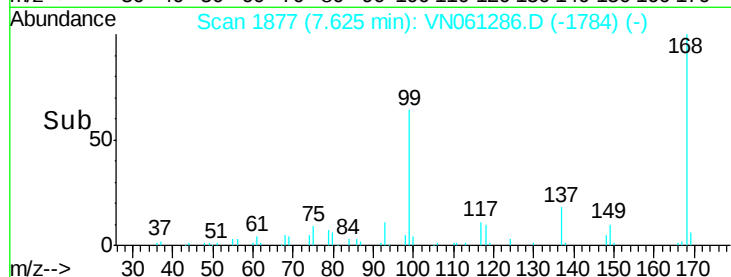


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

Time-->



#3

Chloromethane

Concen: 0.235 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061286.D

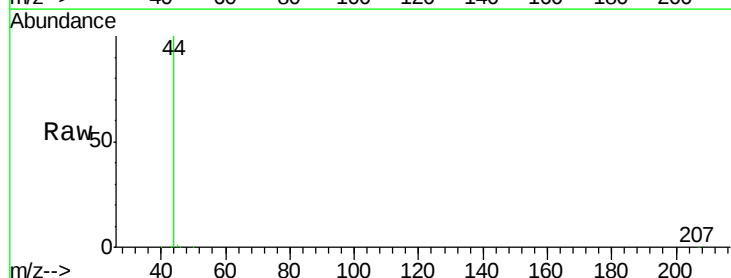
Acq: 5 May 2020 12:48

Tgt Ion: 50 Resp: 316

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#

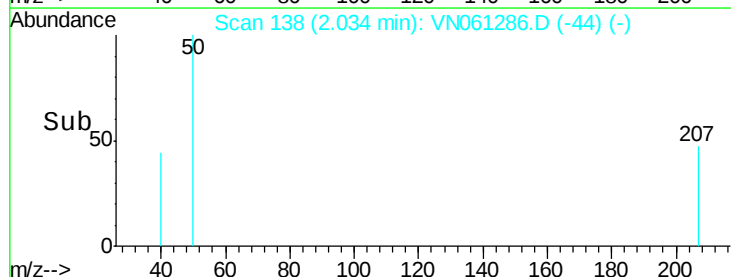


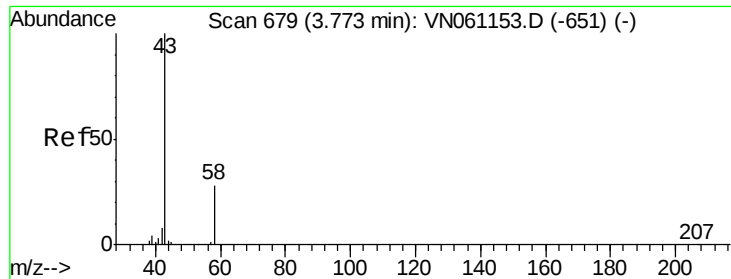
Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061286.D

Acq: 5 May 2020 12:48

Instrument :

MSVOA_N

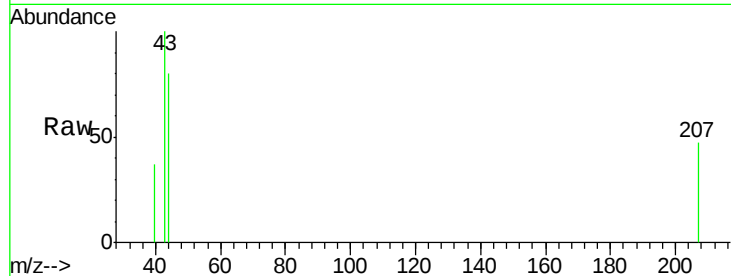
ClientSampleId :

Tot Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

400

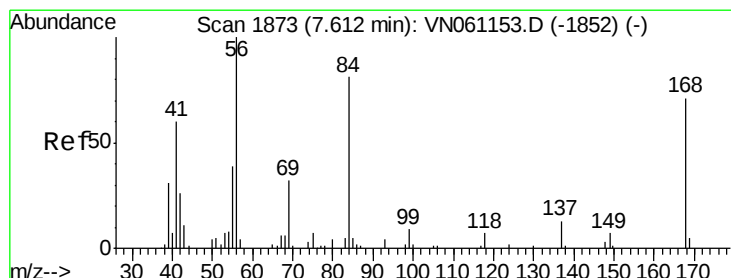
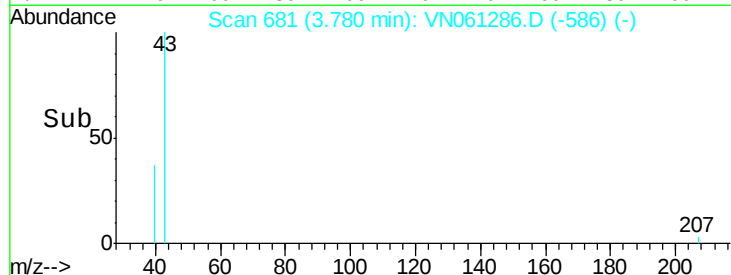
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.169 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VN061286.D

Acq: 5 May 2020 12:48

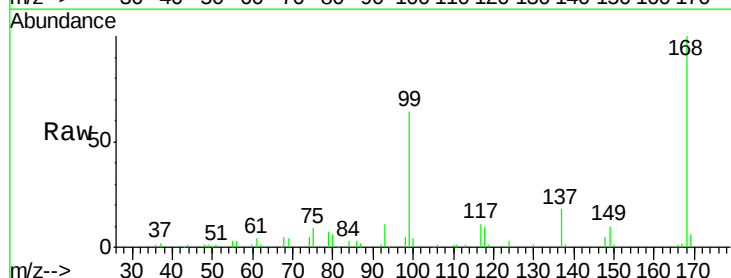
Tgt Ion: 56 Resp: 2823

Ion Ratio Lower Upper

56 100

69 154.3 25.7 38.5#

84 113.0 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

2500

2000

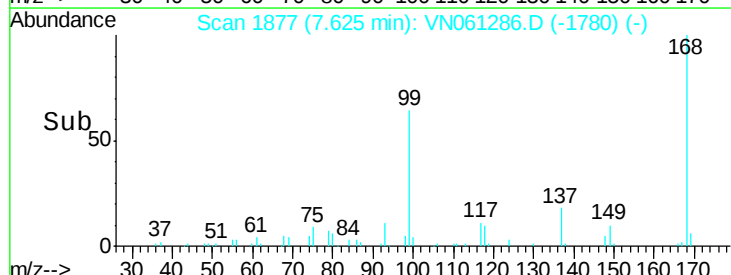
1500

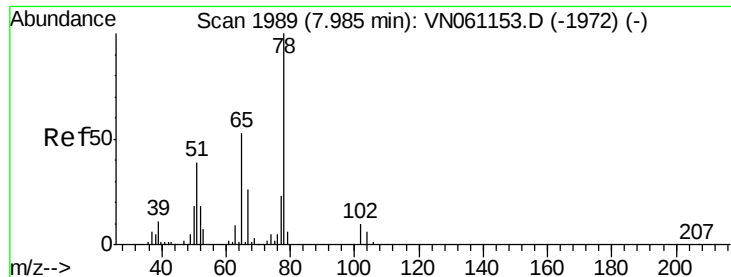
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.017 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061286.D

Acq: 5 May 2020 12:48

Instrument :

MSVOA_N

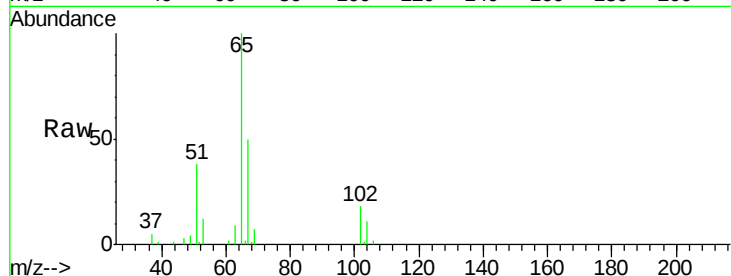
ClientSampleId :

Tot Ion: 65 Resp: 86350

Ion Ratio Lower Upper

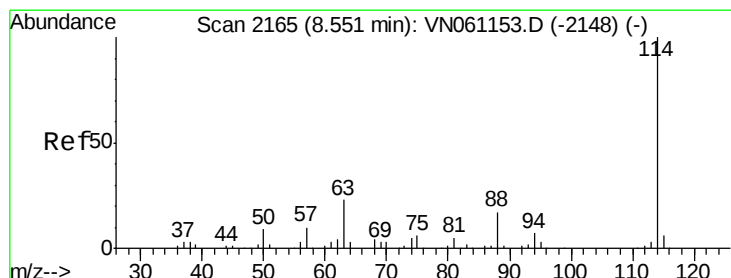
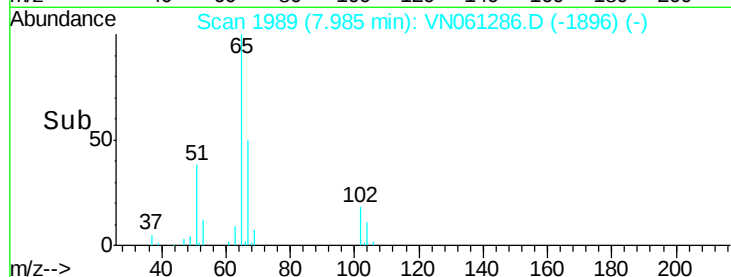
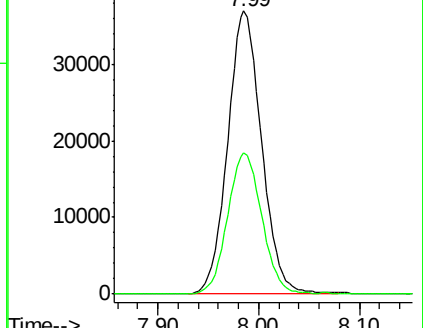
65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061286.D

Acq: 5 May 2020 12:48

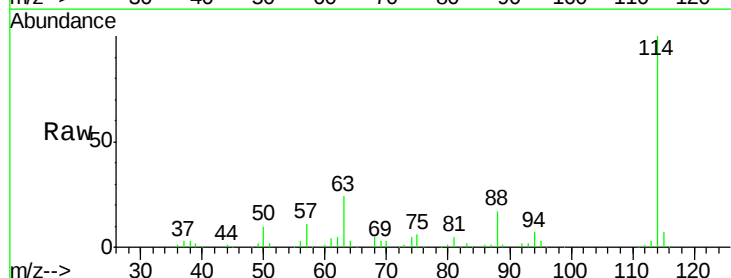
Tgt Ion: 114 Resp: 190402

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.6

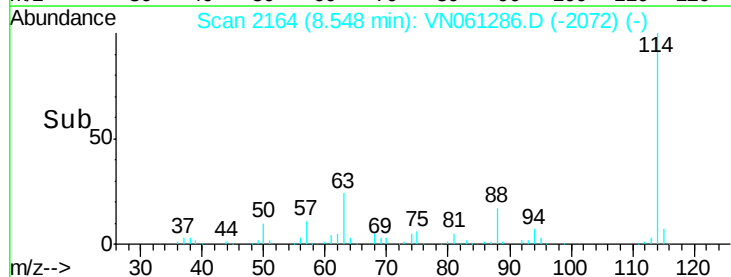
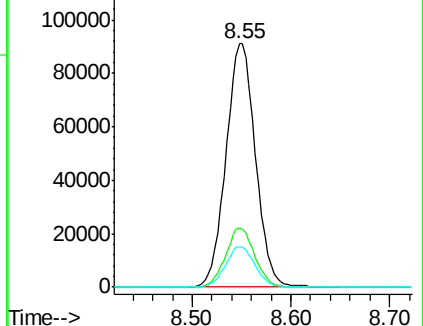
88 16.6 0.0 33.4

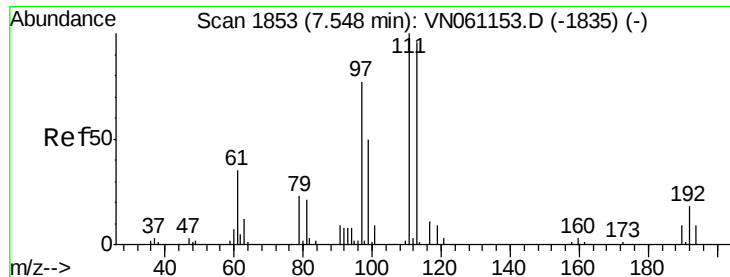


Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

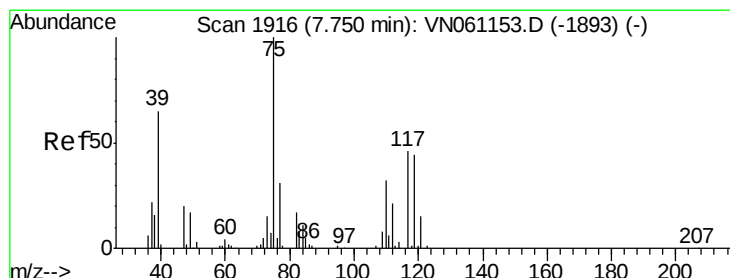
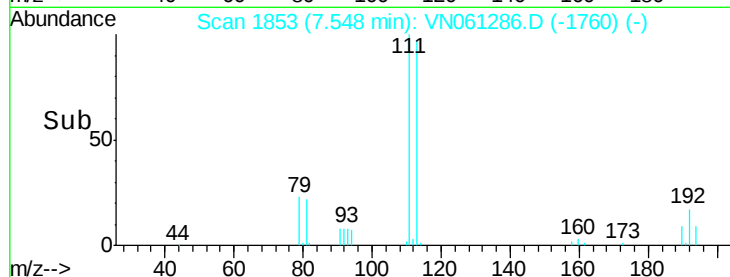
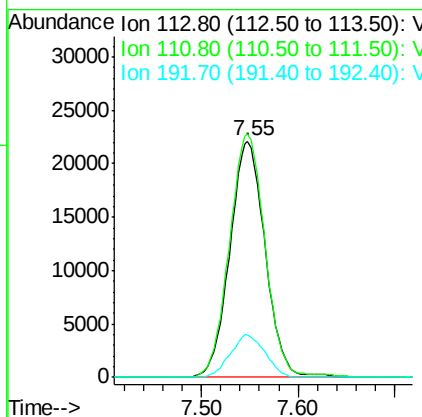
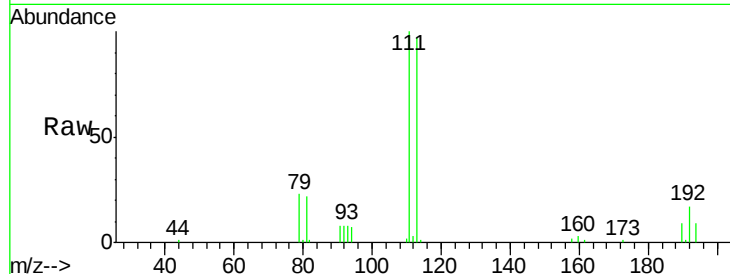




#35
 Dibromofluoromethane
 Concen: 49.698 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061286.D
 Acq: 5 May 2020 12:48

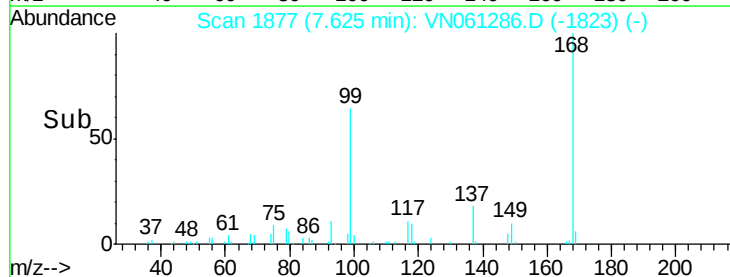
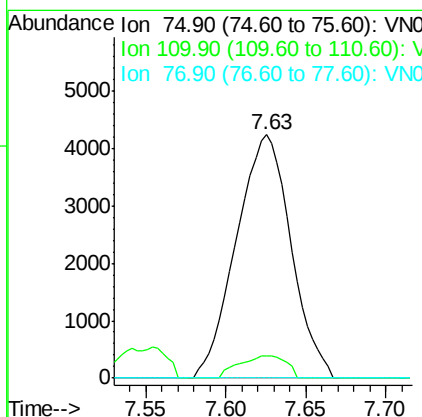
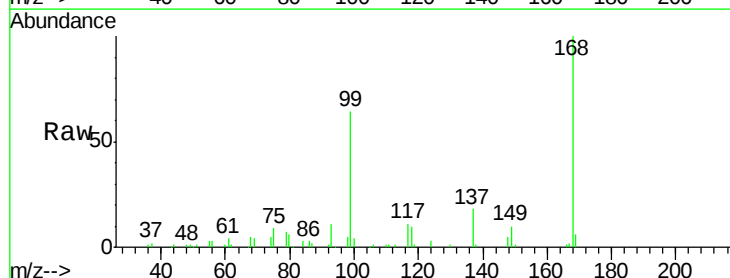
Instrument :
 MSVOA_N
 ClientSampleId :

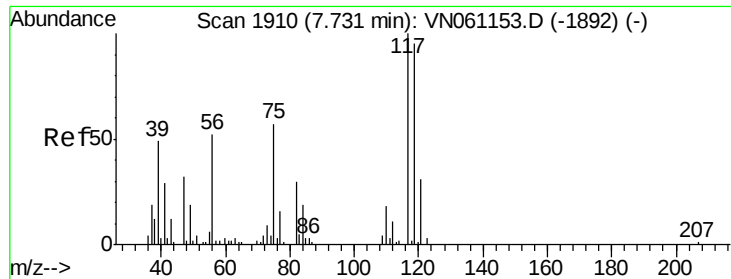
Tot Ion:113 Resp: 55955
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.7 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.212 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061286.D
 Acq: 5 May 2020 12:48

Tgt Ion: 75 Resp: 9935
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.0 48.0#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 8.621 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.11 min

Lab File: VN061286.D

Acq: 5 May 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

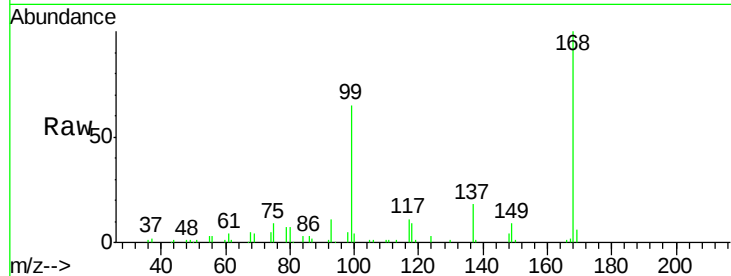
Tot Ion:117 Resp: 11543

Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

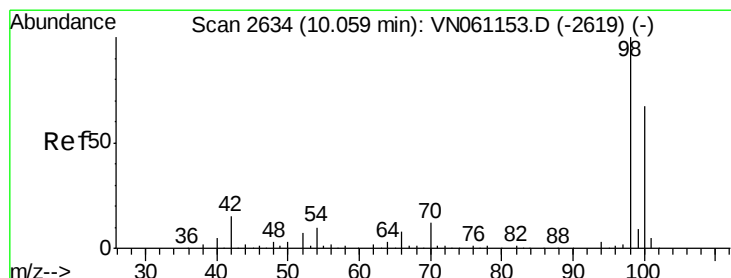
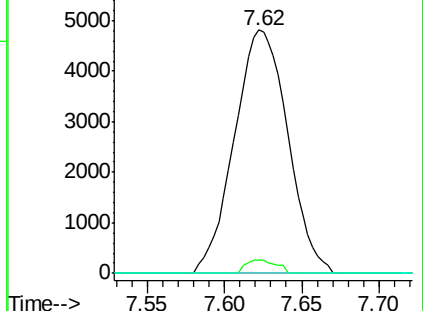
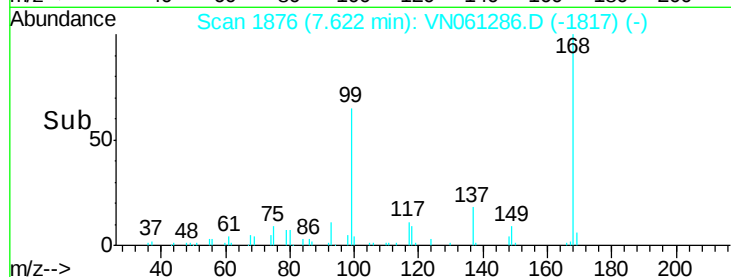
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.195 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061286.D

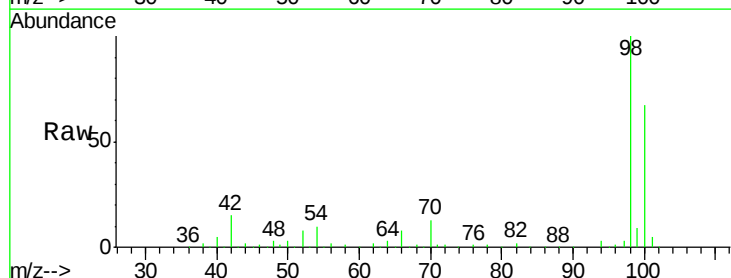
Acq: 5 May 2020 12:48

Tgt Ion: 98 Resp: 234969

Ion Ratio Lower Upper

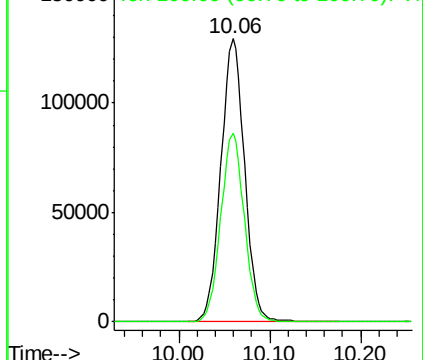
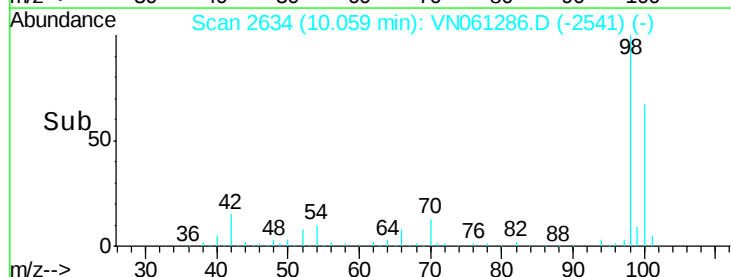
98 100

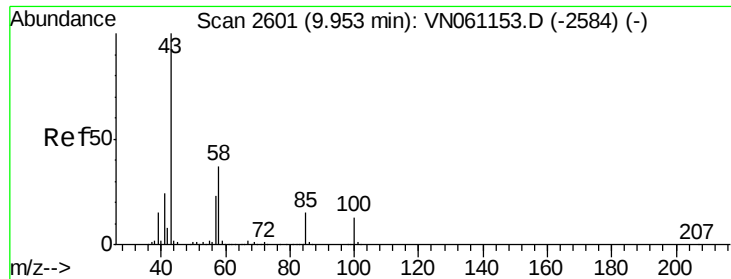
100 66.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

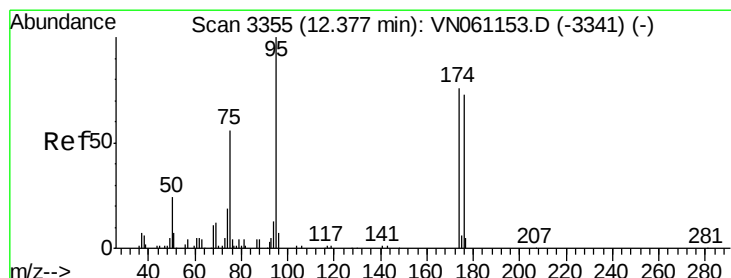
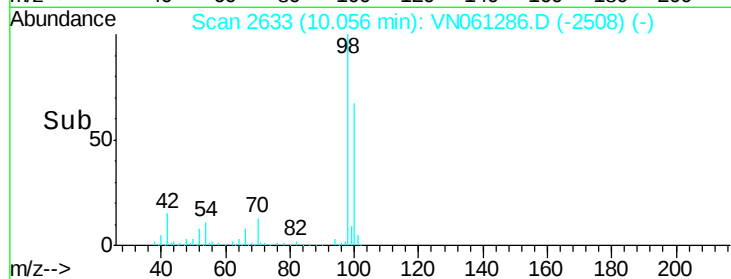
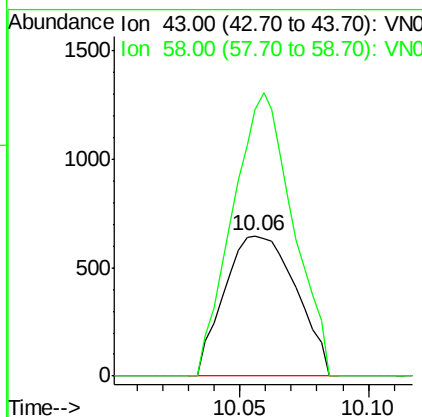
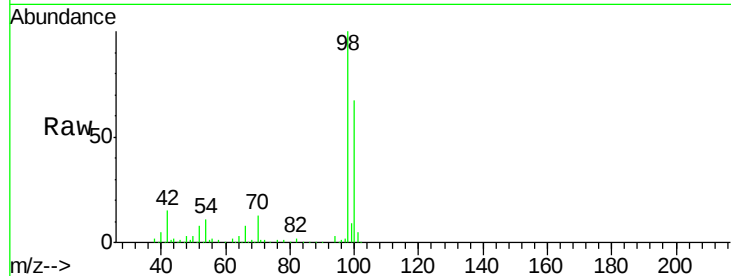




#51
 4-Methyl-2-Pentanone
 Concen: 0.574 ug/l
 RT: 10.06 min Scan# 2633
 Delta R.T. 0.10 min
 Lab File: VN061286.D
 Acq: 5 May 2020 12:48

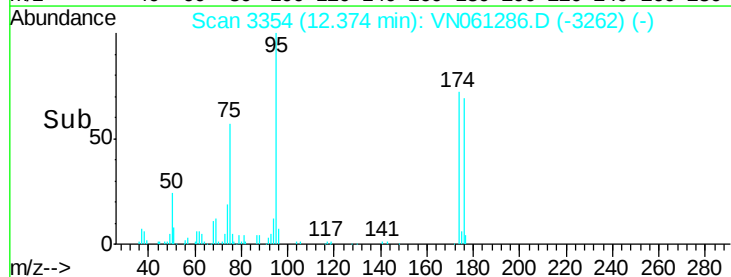
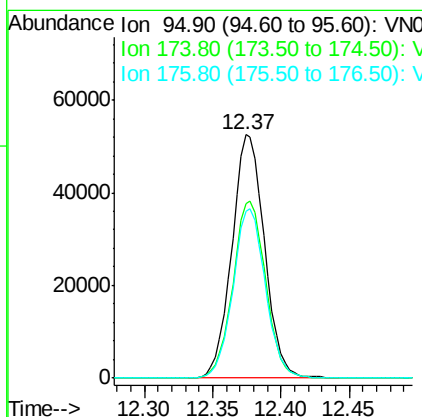
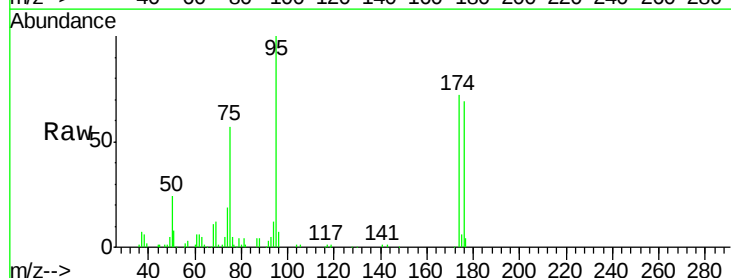
Instrument :
 MSVOA_N
 ClientSampled :

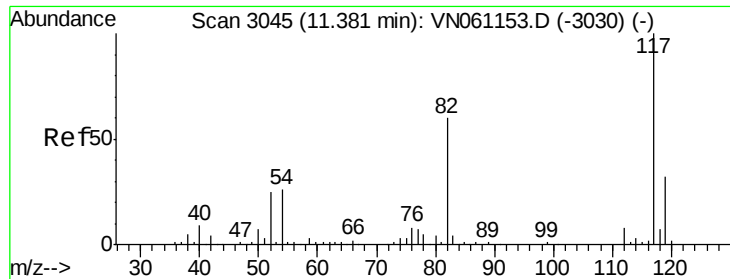
Tot Ion: 43 Resp: 1254
 Ion Ratio Lower Upper
 43 100
 58 170.1 29.1 43.7#



#62
 4-Bromofluorobenzene
 Concen: 50.475 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061286.D
 Acq: 5 May 2020 12:48

Tgt Ion: 95 Resp: 87179
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 149.4
 176 69.0 0.0 144.8

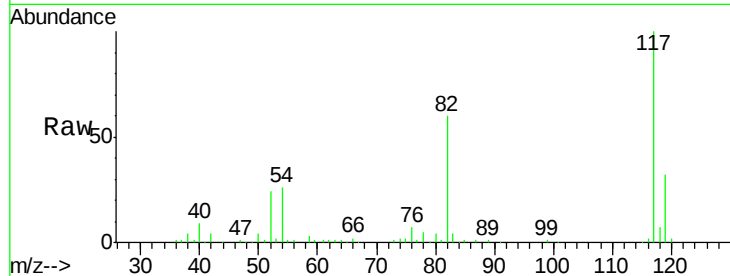




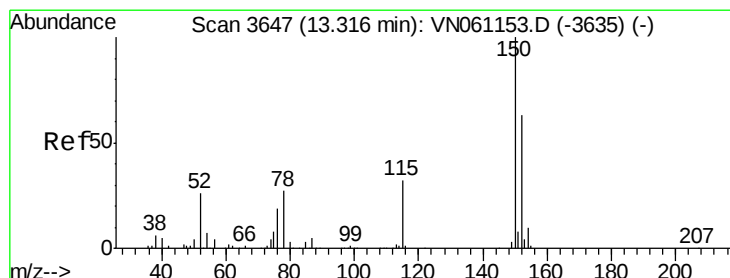
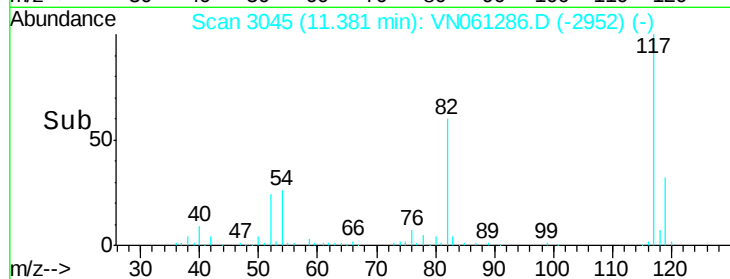
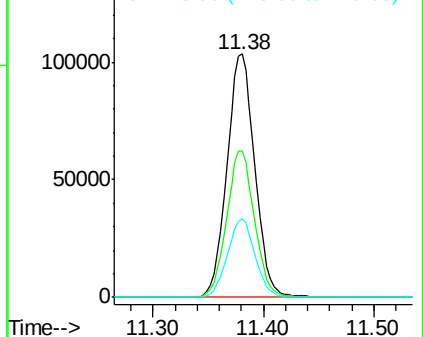
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061286.D
Acq: 5 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 180849
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.2 25.8 38.6

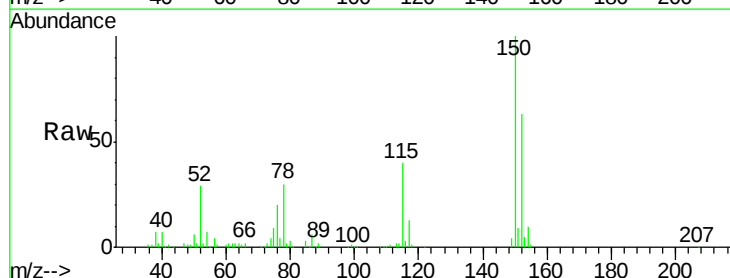


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

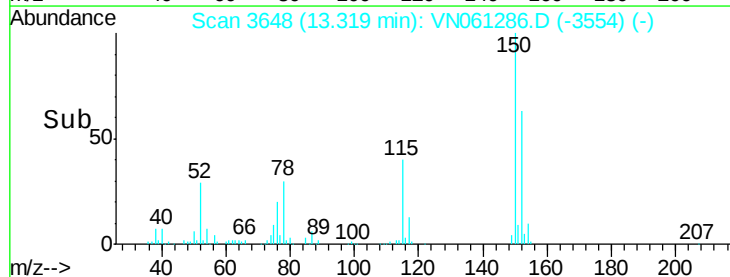
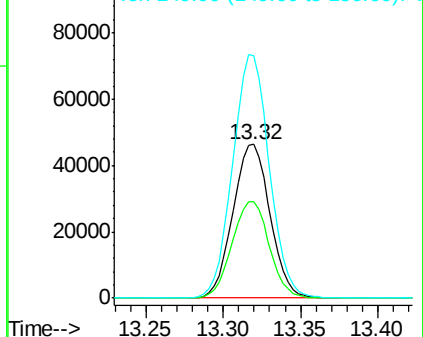


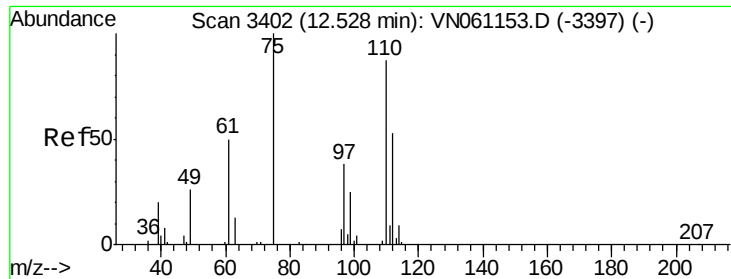
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061286.D
Acq: 5 May 2020 12:48

Tgt Ion:152 Resp: 77176
Ion Ratio Lower Upper
152 100
115 62.8 31.0 93.0
150 156.7 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

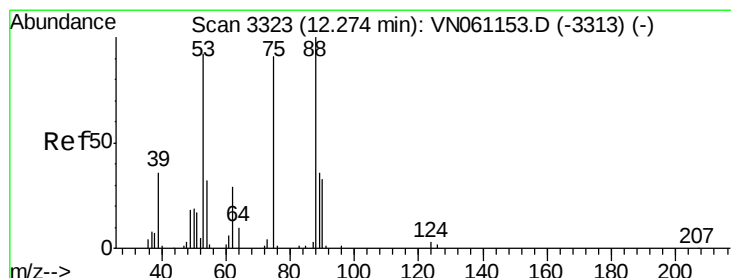
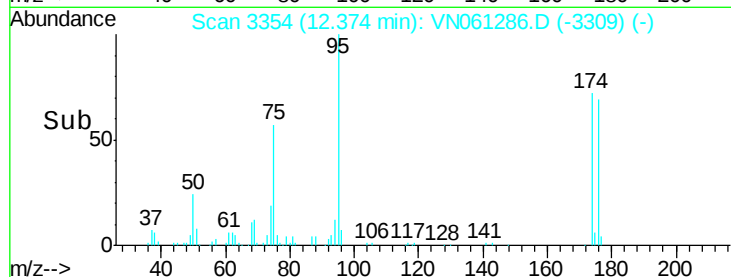
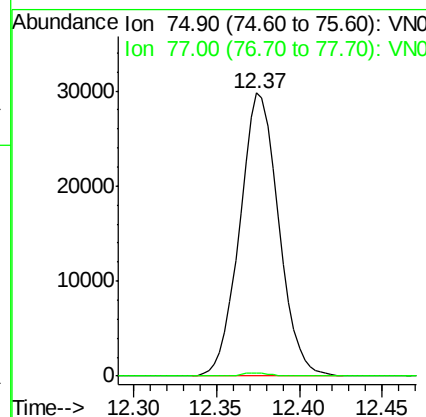
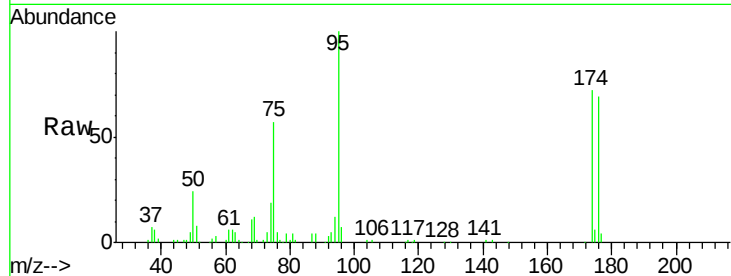




#76
 1,2,3-Trichloropropane
 Concen: 29.844 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.15 min
 Lab File: VN061286.D
 Acq: 5 May 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 48559
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.789 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. 0.10 min
 Lab File: VN061286.D
 Acq: 5 May 2020 12:48

Tgt Ion: 75 Resp: 48559
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

