

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033119\
 Data File : VD061462.D
 Acq On : 31 Mar 2019 22:18
 Operator : VA/AP
 Sample : K2138-11RE
 Misc : 4.98g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 01:56:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

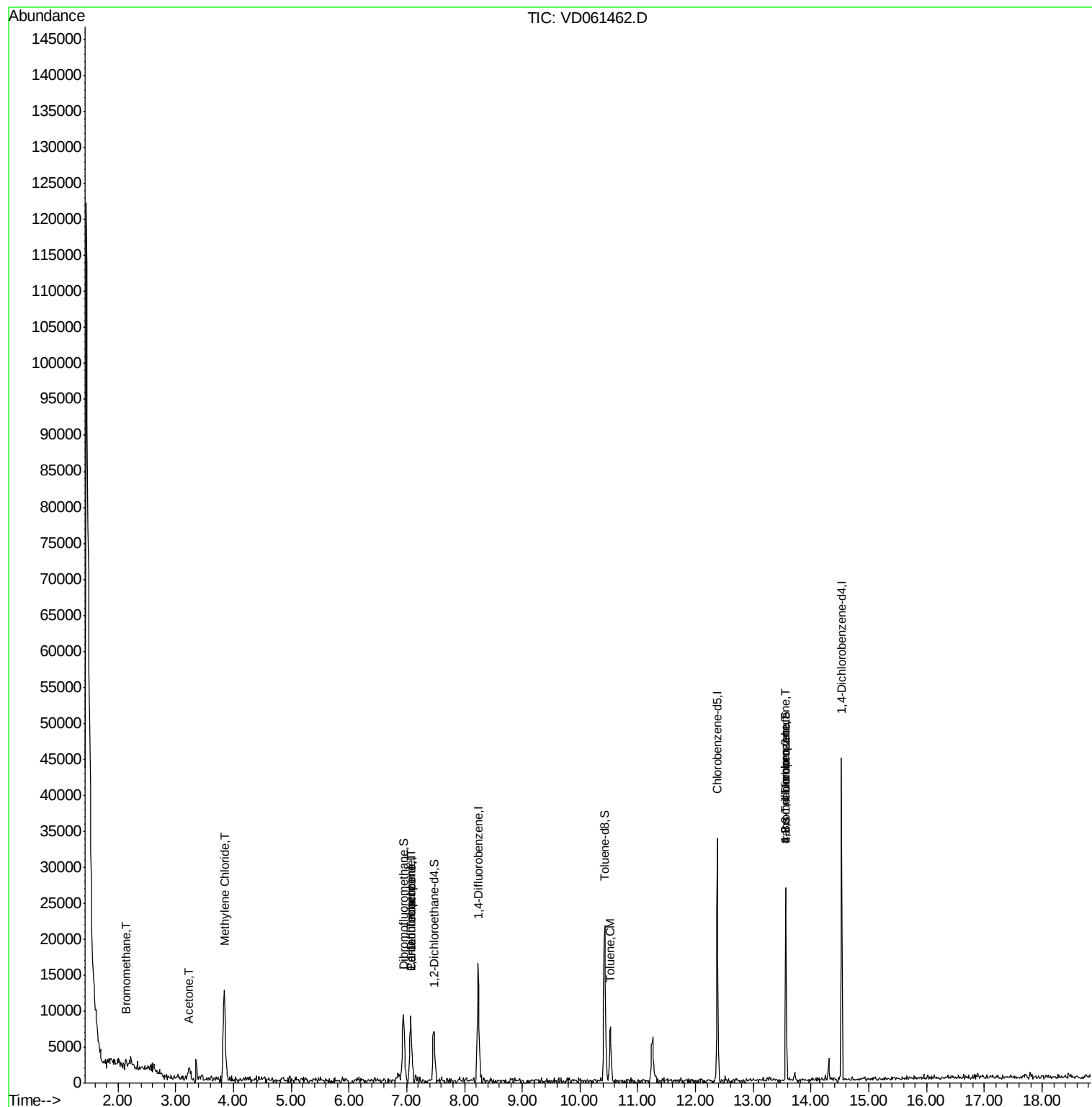
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	11478	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	24030	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	22228	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	10564	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	8086	82.47	ug/l	0.03
Spiked Amount 50.000			Recovery	=	164.94%	
35) Dibromofluoromethane	6.94	113	9764	53.17	ug/l	0.04
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.43	98	21953	49.84	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	13.56	95	9455	55.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.96%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.14	94	200	10.988	ug/l #	10
16) Acetone	3.23	43	3085	122.395	ug/l #	48
20) Methylene Chloride	3.84	84	9191	65.695	ug/l	94
36) 1,1-Dichloropropene	7.07	75	261	1.244	ug/l #	38
38) Carbon Tetrachloride	7.06	117	450	1.867	ug/l #	10
52) Toluene	10.52	92	5809	18.090	ug/l #	75
76) 1,2,3-Trichloropropane	13.56	75	3493	22.890	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	3493	75.074	ug/l #	18

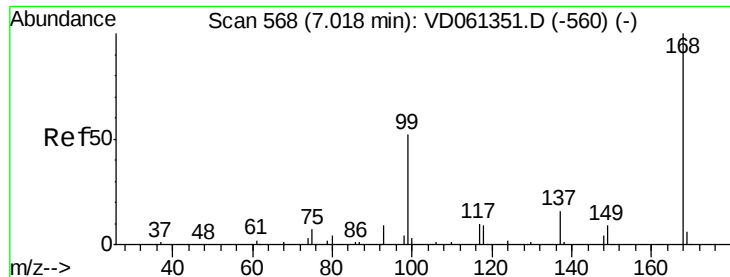
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

Instrument :

MSVOA_D

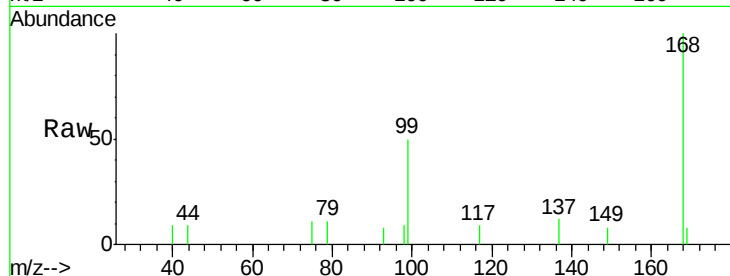
ClientSampleId :

Tot Ion:168 Resp: 11478

Ion Ratio Lower Upper

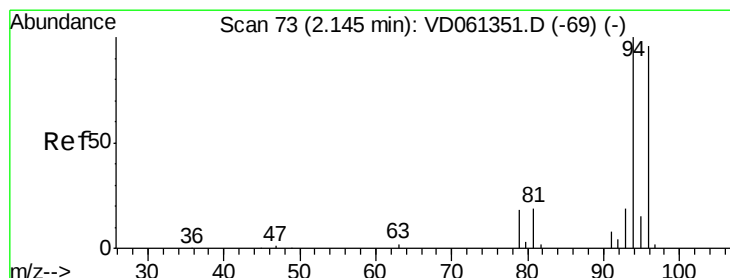
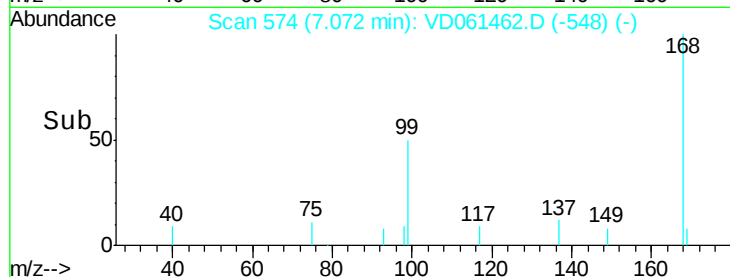
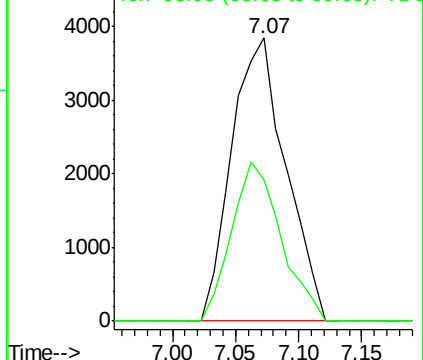
168 100

99 49.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 10.988 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

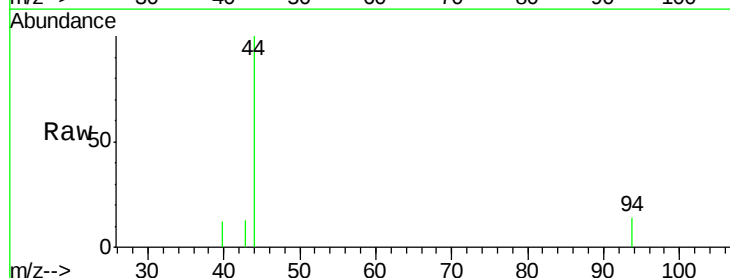
Tgt Ion: 94 Resp: 200

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

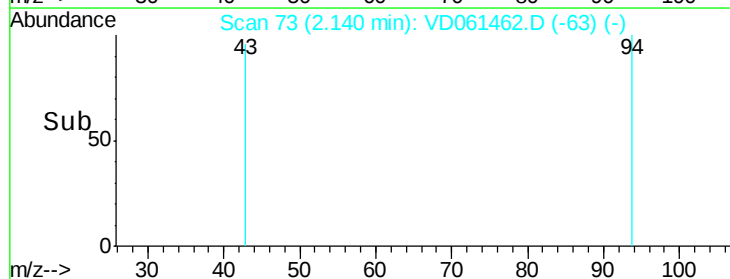
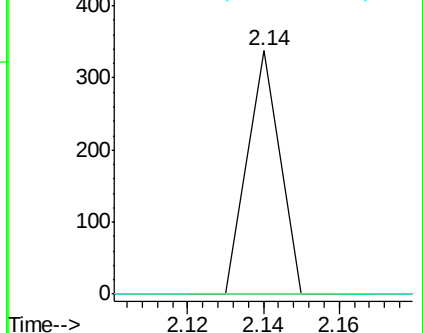
93 0.0 15.6 23.4#

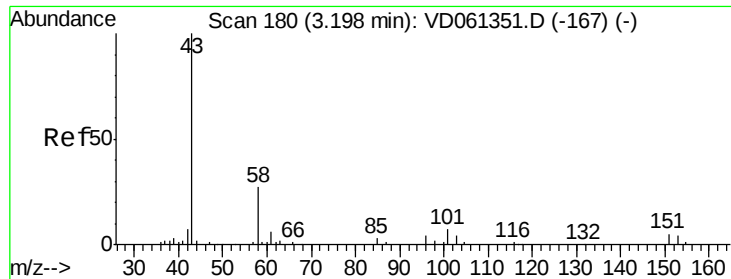


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

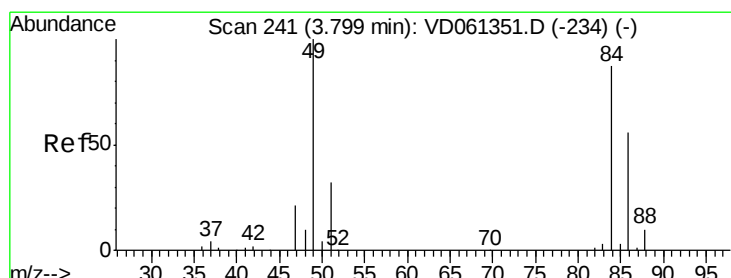
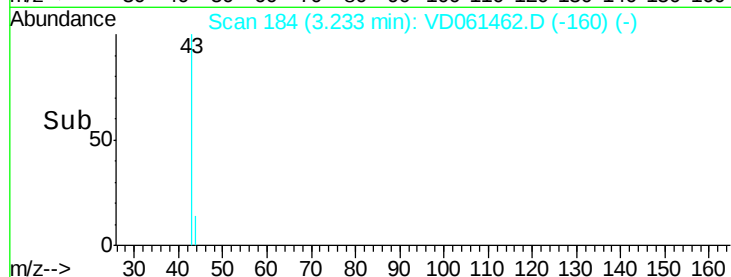
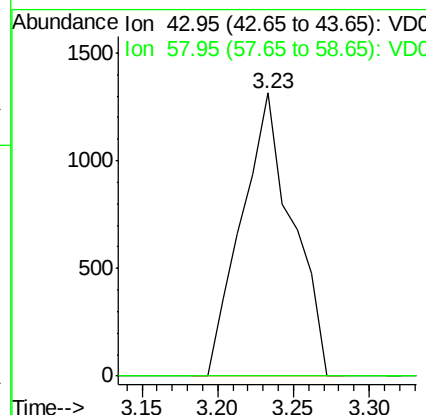
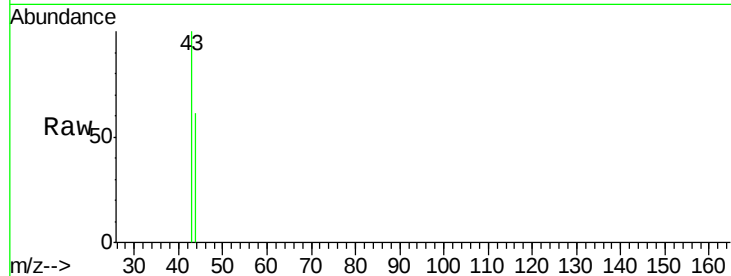




#16
Acetone
Concen: 122.395 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.03 min
Lab File: VD061462.D
Acq: 31 Mar 2019 22:18

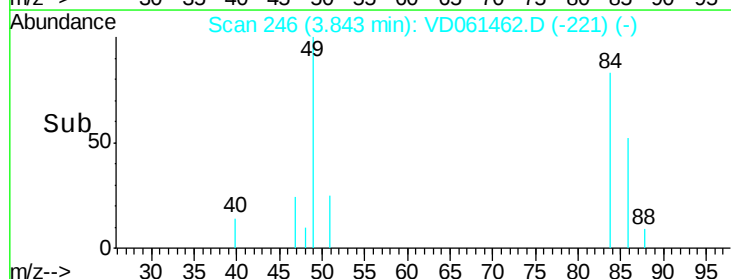
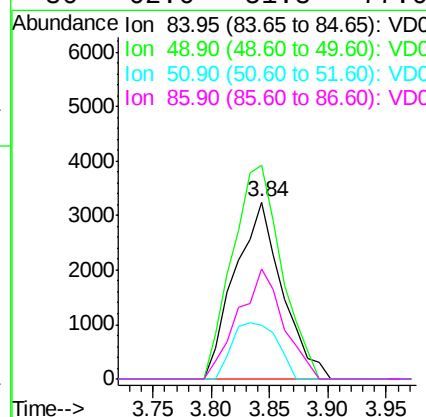
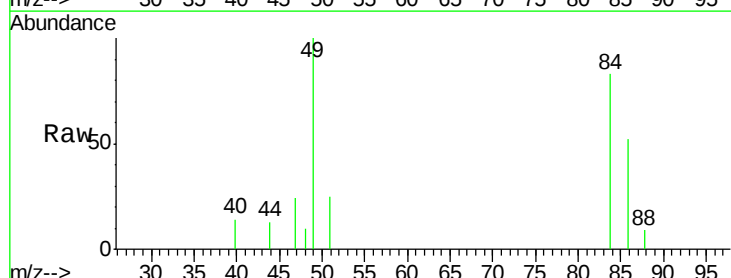
Instrument :
MSVOA_D
ClientSampled :

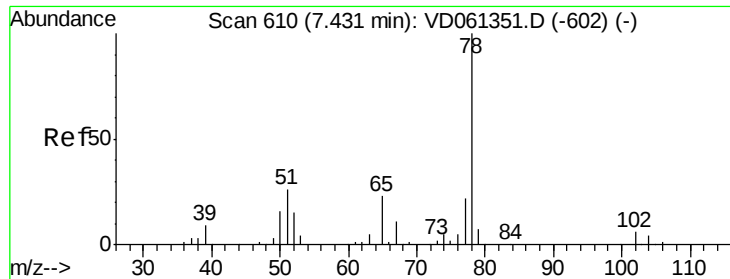
Tot Ion: 43 Resp: 3085
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



#20
Methylene Chloride
Concen: 65.695 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061462.D
Acq: 31 Mar 2019 22:18

Tgt Ion: 84 Resp: 9191
Ion Ratio Lower Upper
84 100
49 120.8 91.8 137.8
51 30.1 29.8 44.8
86 62.6 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

Instrument :

MSVOA_D

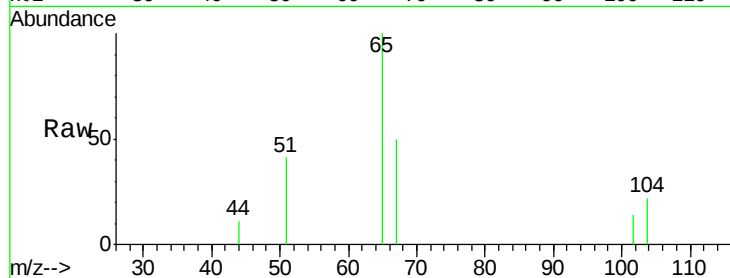
ClientSampleId :

Tot Ion: 65 Resp: 8086

Ion Ratio Lower Upper

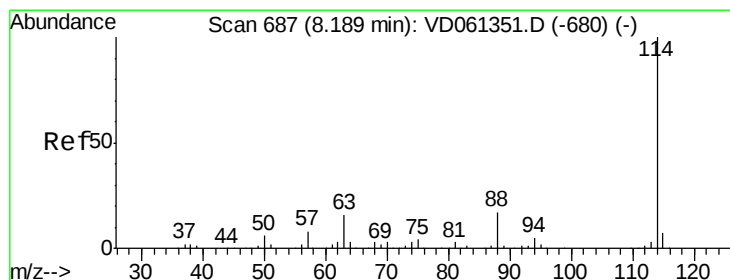
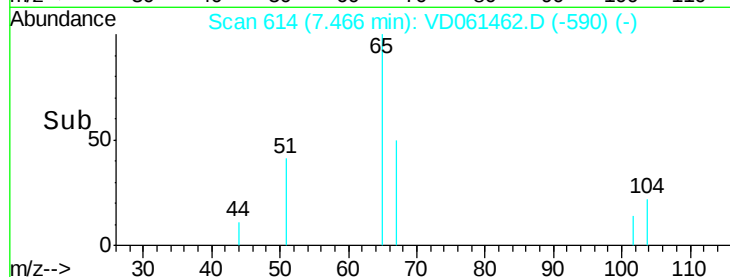
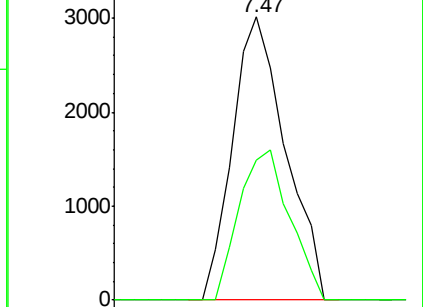
65 100

67 49.6 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

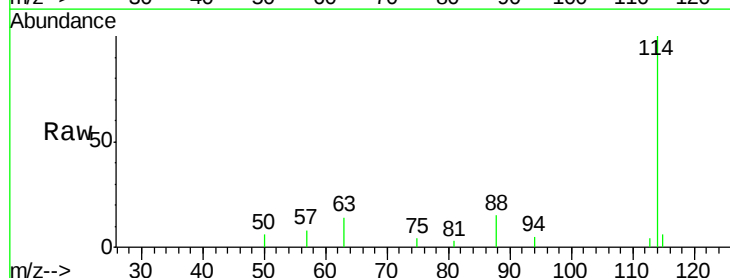
Tgt Ion: 114 Resp: 24030

Ion Ratio Lower Upper

114 100

63 13.9 0.0 31.6

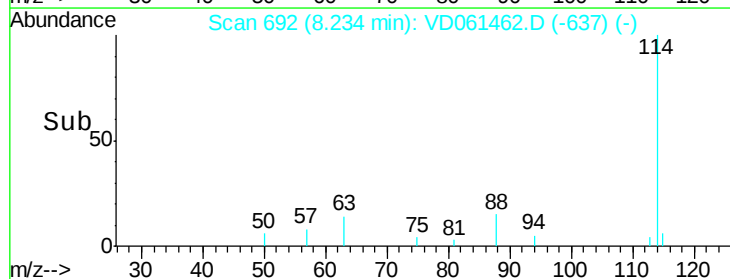
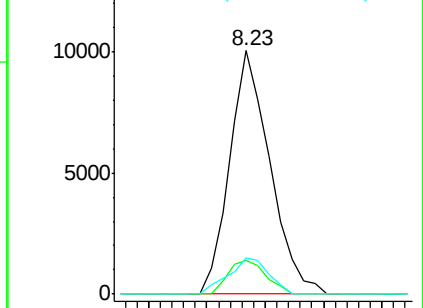
88 15.0 0.0 33.4

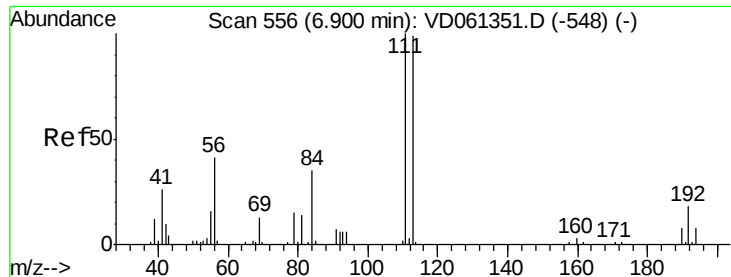


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.04 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

Instrument :

MSVOA_D

ClientSampleId :

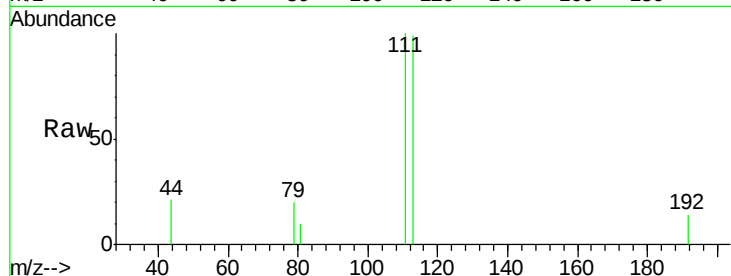
Tot Ion:113 Resp: 9764

Ion Ratio Lower Upper

113 100

111 101.1 81.0 121.6

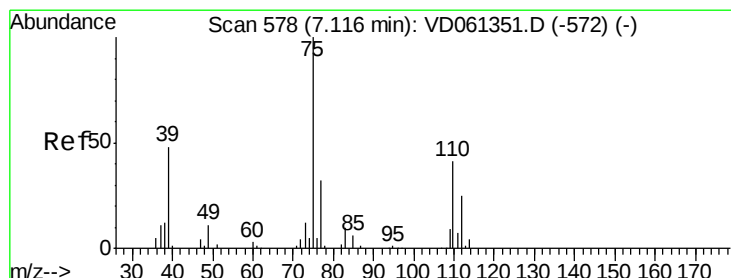
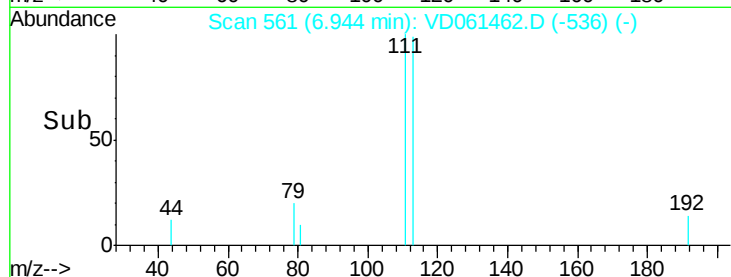
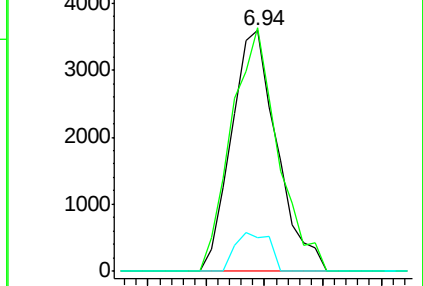
192 14.0 14.4 21.6#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 1.244 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

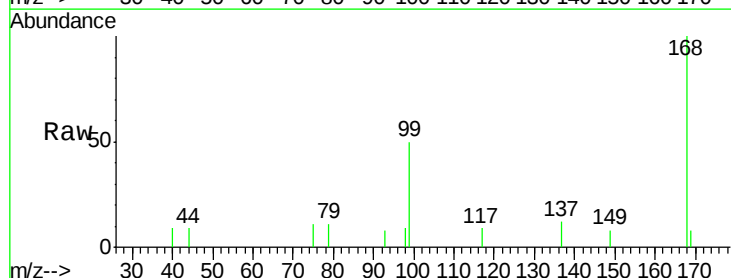
Tgt Ion: 75 Resp: 261

Ion Ratio Lower Upper

75 100

110 0.0 20.4 61.3#

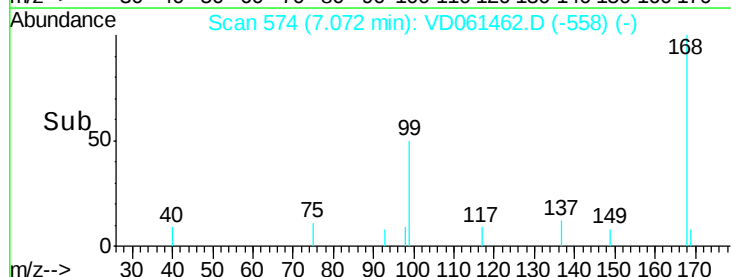
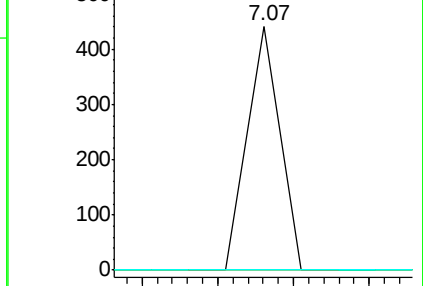
77 0.0 24.9 37.3#

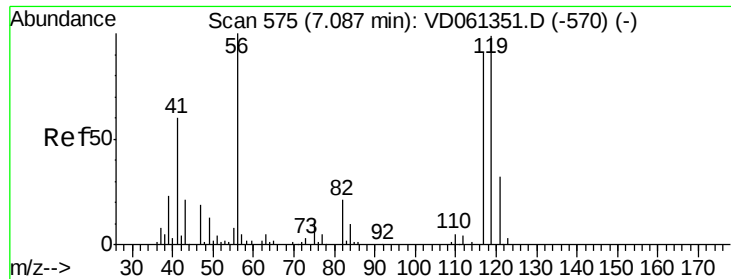


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

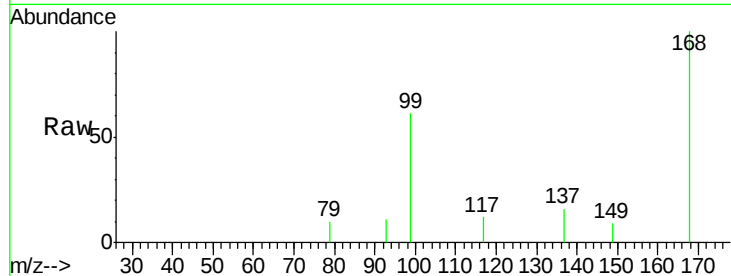




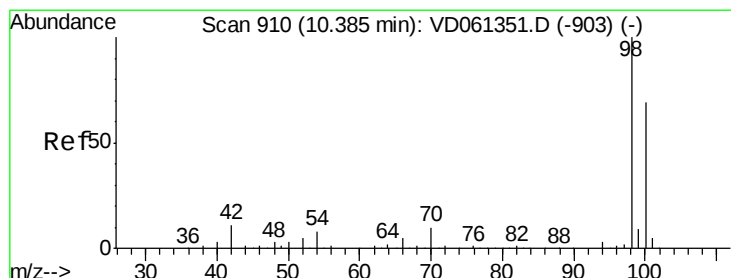
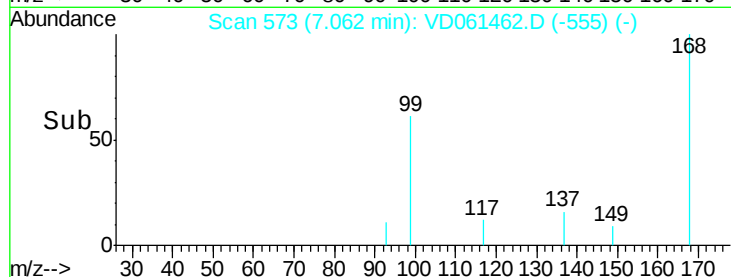
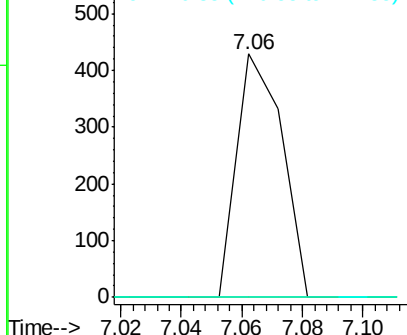
#38
Carbon Tetrachloride
Concen: 1.867 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.02 min
Lab File: VD061462.D
Acq: 31 Mar 2019 22:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 450
Ion Ratio Lower Upper
117 100
119 0.0 80.1 120.1#
121 0.0 25.6 38.4#

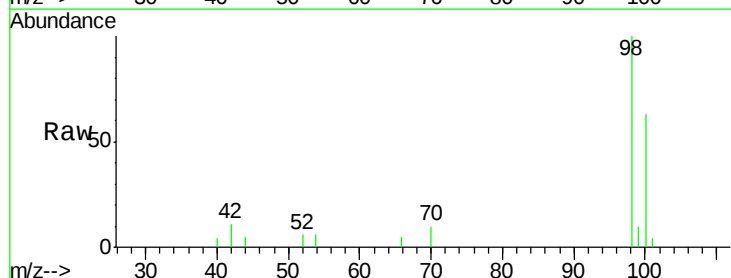


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

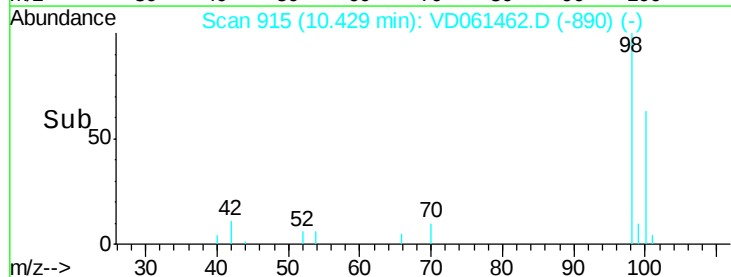
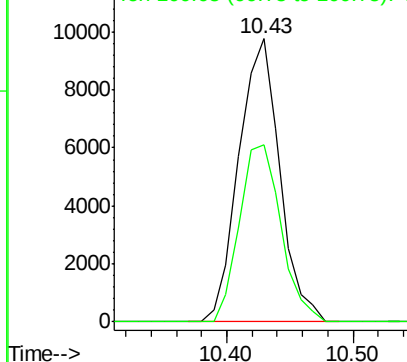


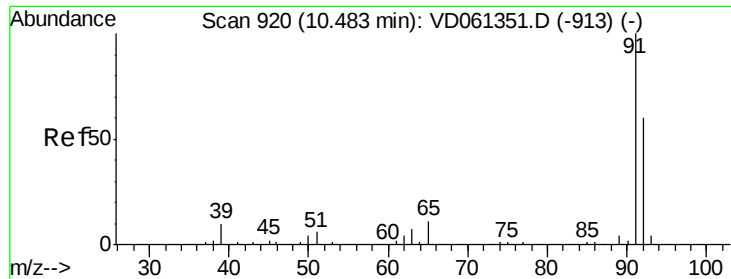
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.04 min
Lab File: VD061462.D
Acq: 31 Mar 2019 22:18

Tgt Ion: 98 Resp: 21953
Ion Ratio Lower Upper
98 100
100 62.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 18.090 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.03 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

Instrument :

MSVOA_D

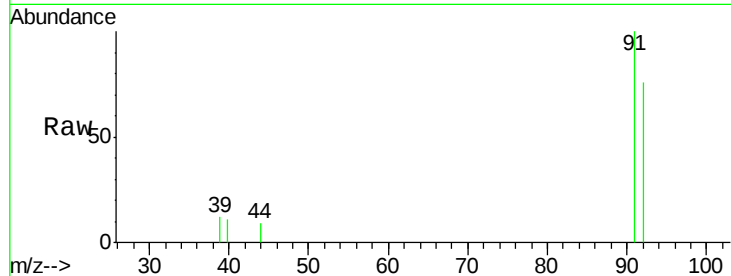
ClientSampleId :

Tot Ion: 92 Resp: 5809

Ion Ratio Lower Upper

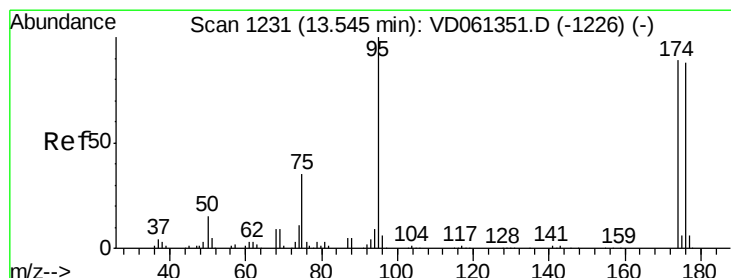
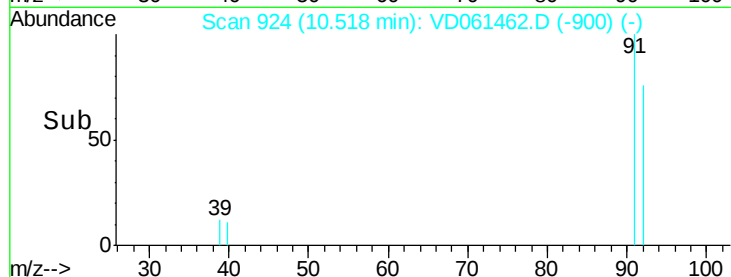
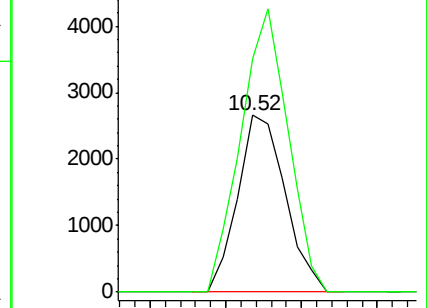
92 100

91 132.3 133.3 199.9#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061462.D

Acq: 31 Mar 2019 22:18

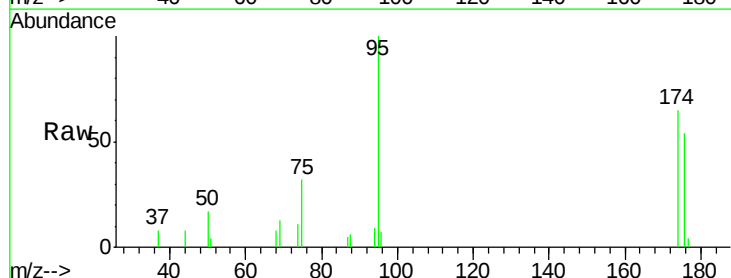
Tgt Ion: 95 Resp: 9455

Ion Ratio Lower Upper

95 100

174 65.3 0.0 178.0

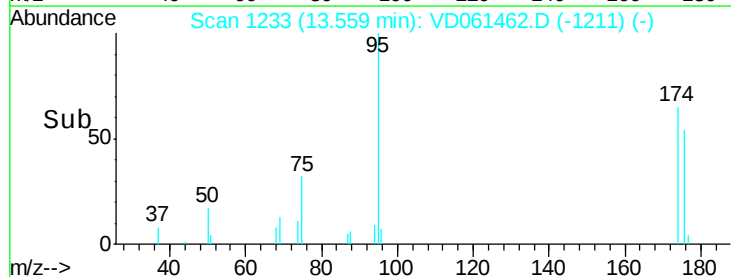
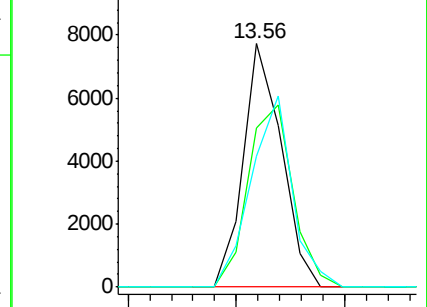
176 53.9 0.0 175.0

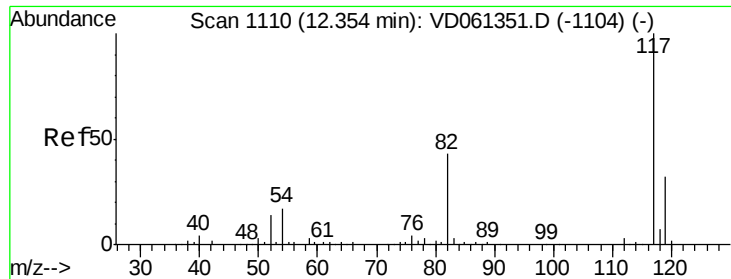


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

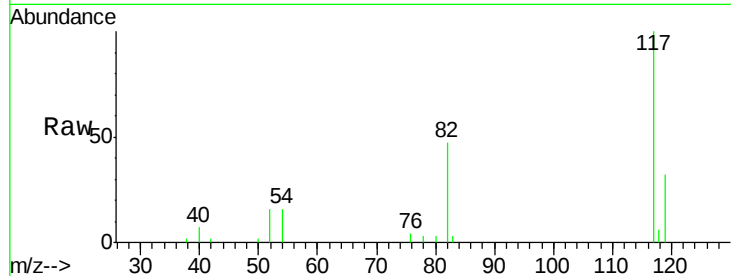




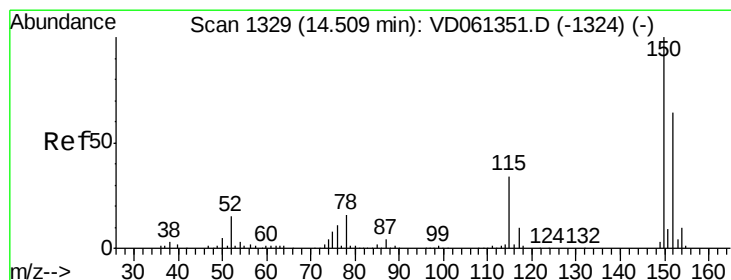
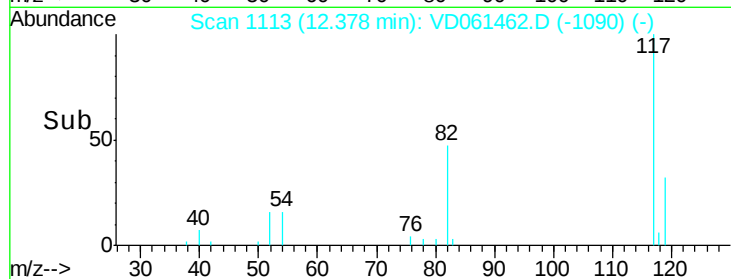
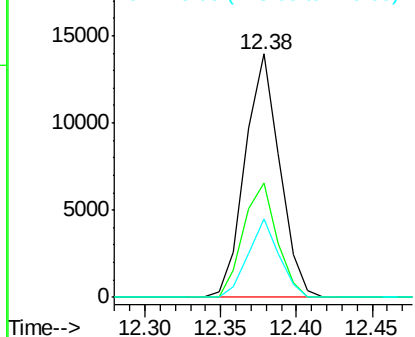
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061462.D
Acq: 31 Mar 2019 22:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 22228
Ion Ratio Lower Upper
117 100
82 47.1 34.4 51.6
119 32.1 25.8 38.6

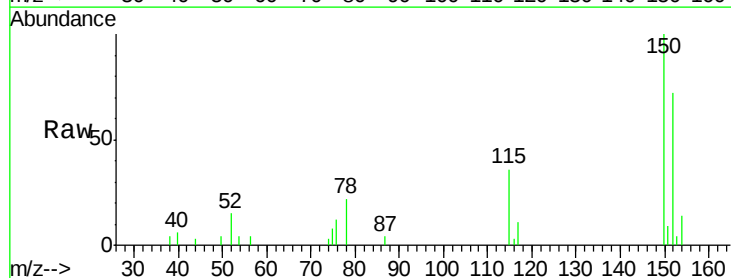


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

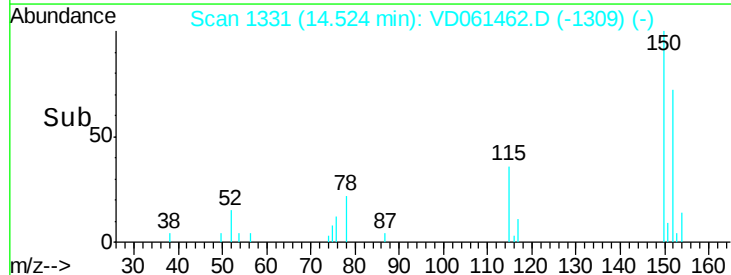
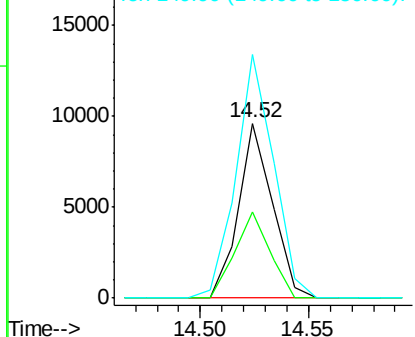


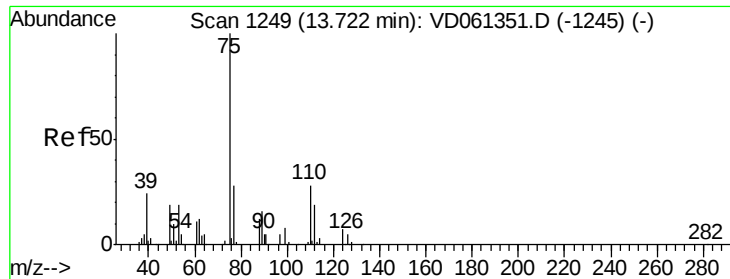
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061462.D
Acq: 31 Mar 2019 22:18

Tgt Ion:152 Resp: 10564
Ion Ratio Lower Upper
152 100
115 49.6 26.9 80.6
150 139.3 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

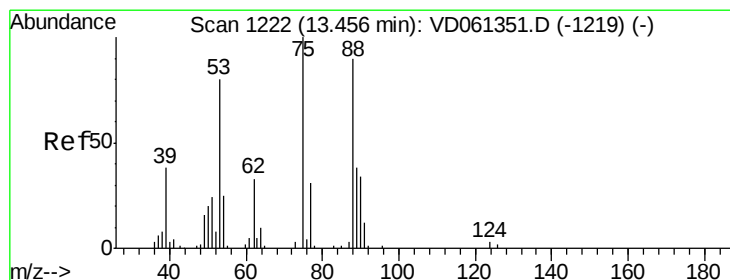
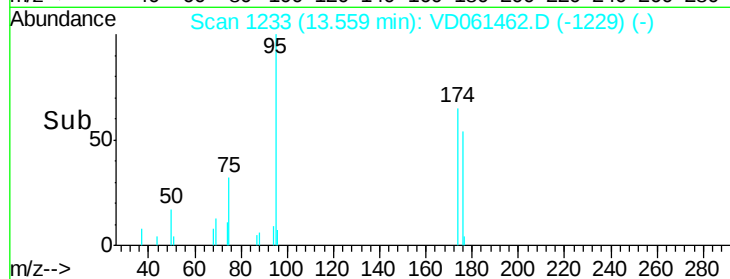
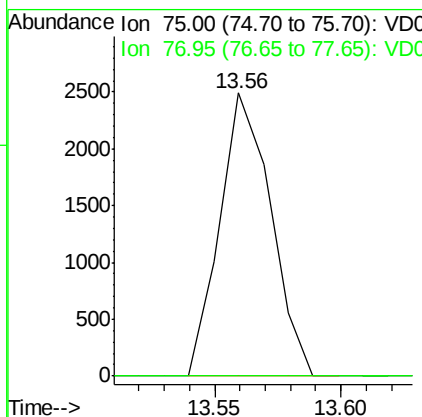
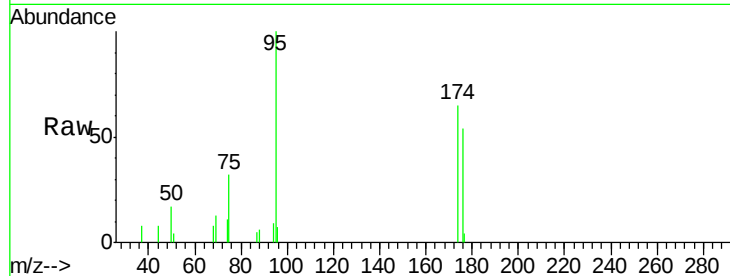




#76
 1,2,3-Trichloropropane
 Concen: 22.890 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.16 min
 Lab File: VD061462.D
 Acq: 31 Mar 2019 22:18

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 3493
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.074 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.10 min
 Lab File: VD061462.D
 Acq: 31 Mar 2019 22:18

Tgt Ion: 75 Resp: 3493
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

