

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061680.D
 Acq On : 9 Apr 2019 17:43
 Operator : VA/AP
 Sample : K2317-16RE
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:55:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

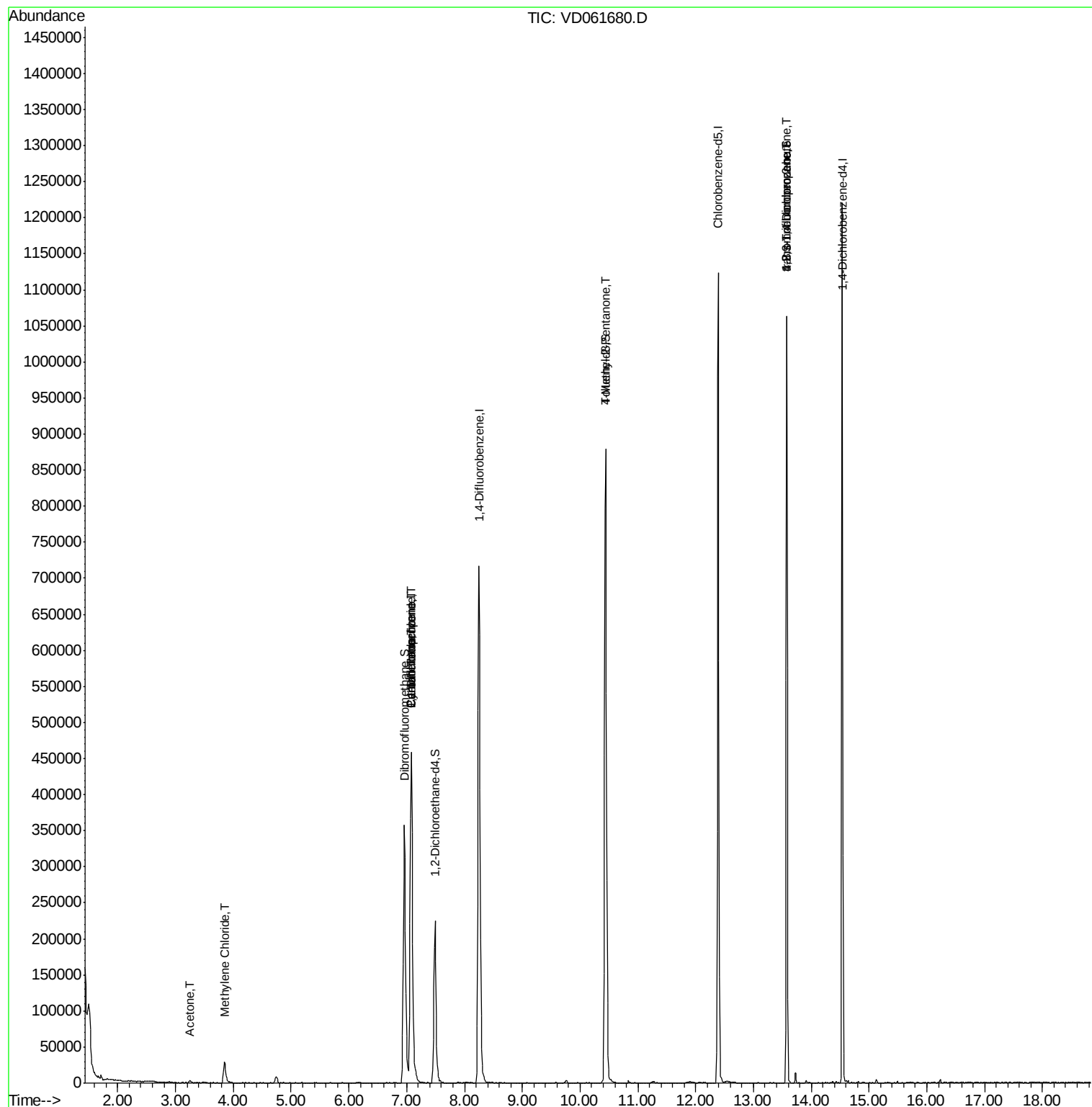
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	501485	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	853224	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	720635	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	323482	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	223685	58.85	ug/l	0.04
Spiked Amount 50.000			Recovery	=	117.70%	
35) Dibromofluoromethane	6.96	113	332362	56.23	ug/l	0.04
Spiked Amount 50.000			Recovery	=	112.46%	
50) Toluene-d8	10.44	98	765110	51.52	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	13.57	95	314379	63.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	127.68%	
Target Compounds						
					Qvalue	
16) Acetone	3.24	43	5956	5.242	ug/l #	87
20) Methylene Chloride	3.85	84	23933	3.712	ug/l #	90
31) Cyclohexane	7.08	56	7956	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.09	75	37896	5.075	ug/l #	46
38) Carbon Tetrachloride	7.09	117	47236	5.397	ug/l #	14
51) 4-Methyl-2-Pentanone	10.44	43	3016	1.155	ug/l #	1
76) 1,2,3-Trichloropropane	13.57	75	114387	25.991	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.57	75	119655	89.596	ug/l #	20

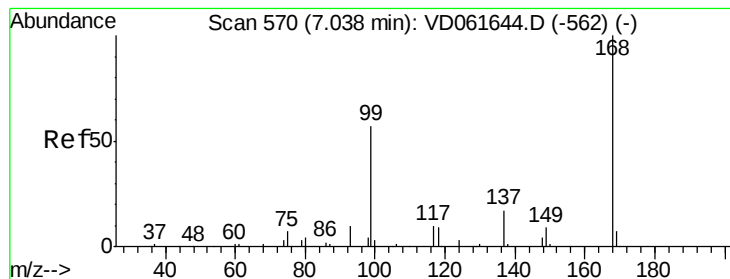
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061680.D
Acq On : 9 Apr 2019 17:43
Operator : VA/AP
Sample : K2317-16RE
Misc : 5.11a/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Apr 10 00:55:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

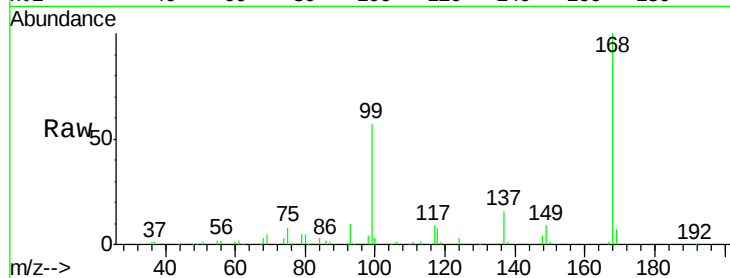
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 501485

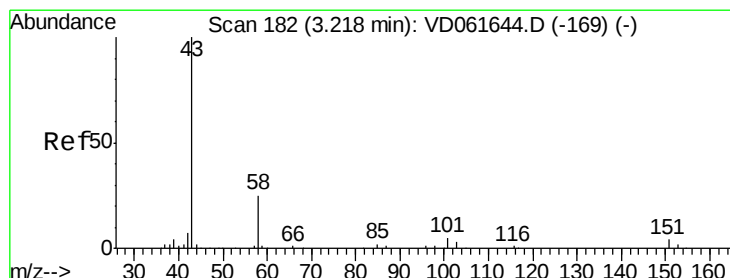
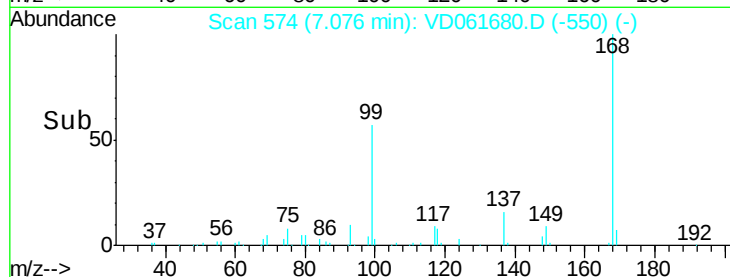
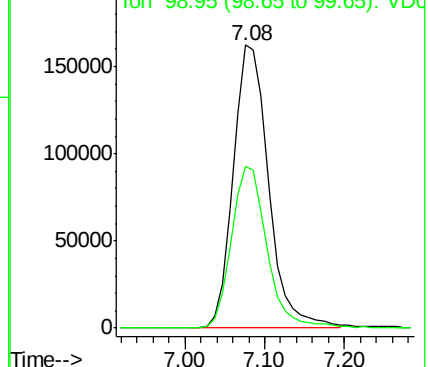
Ion Ratio Lower Upper

168 100

99 57.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 5.242 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061680.D

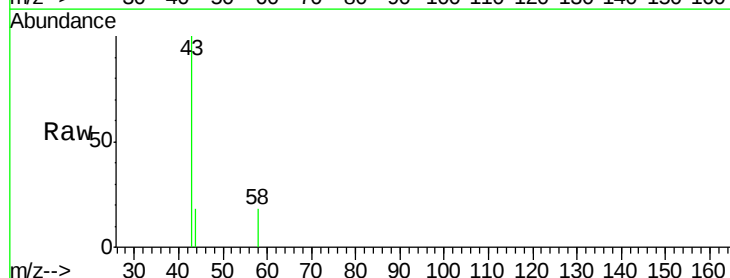
Acq: 9 Apr 2019 17:43

Tgt Ion: 43 Resp: 5956

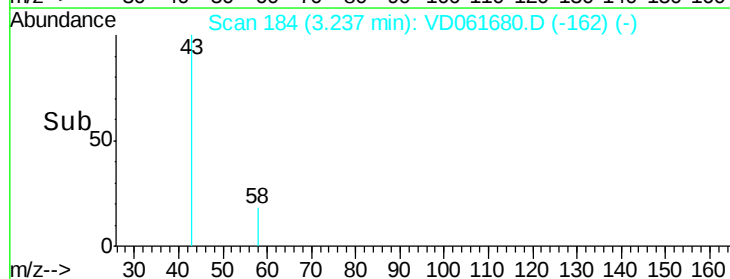
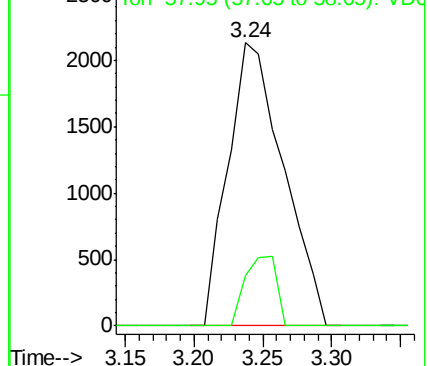
Ion Ratio Lower Upper

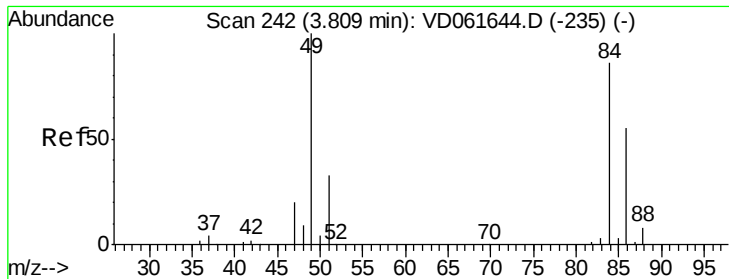
43 100

58 18.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

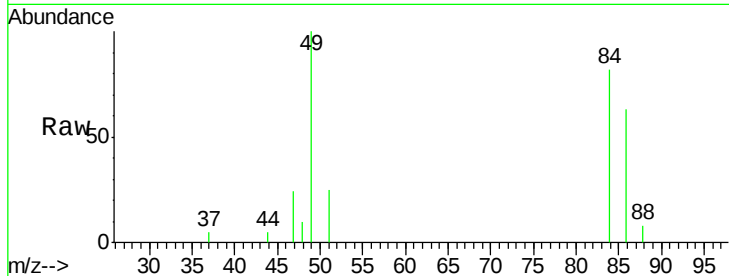




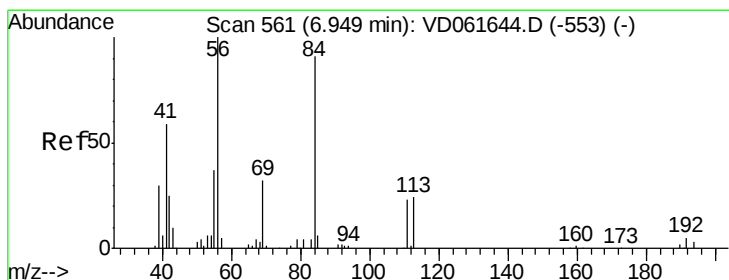
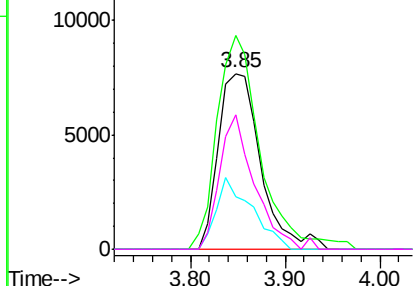
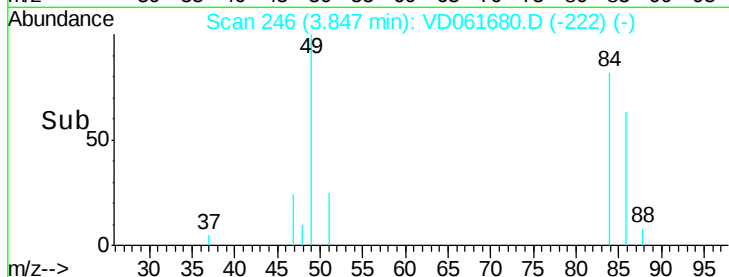
#20
Methvlene Chloride
Concen: 3.712 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061680.D
Acq: 9 Apr 2019 17:43

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 23933
Ion Ratio Lower Upper
84 100
49 121.4 93.0 139.4
51 30.0 30.4 45.6#
86 76.3 51.0 76.4

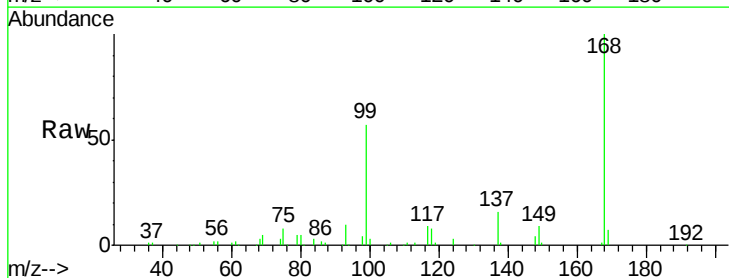


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

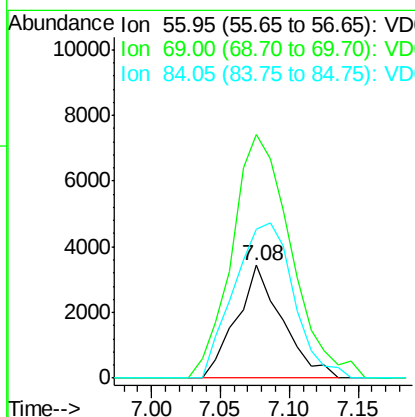
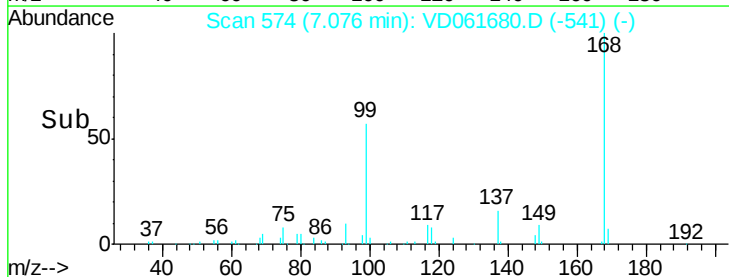


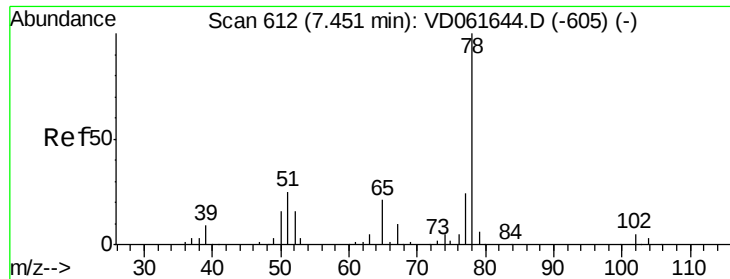
#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.08 min Scan# 574
Delta R.T. 0.13 min
Lab File: VD061680.D
Acq: 9 Apr 2019 17:43

Tgt Ion: 56 Resp: 7956
Ion Ratio Lower Upper
56 100
69 216.5 25.8 38.6#
84 132.8 74.2 111.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.04 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

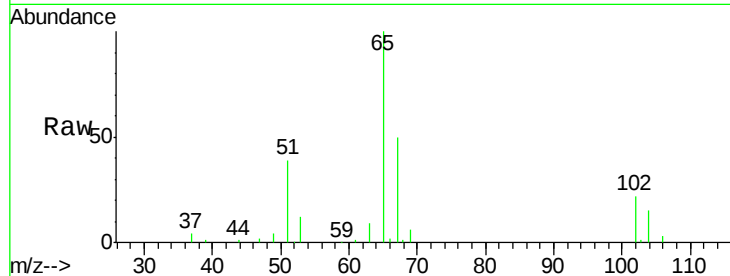
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 223685

Ion Ratio Lower Upper

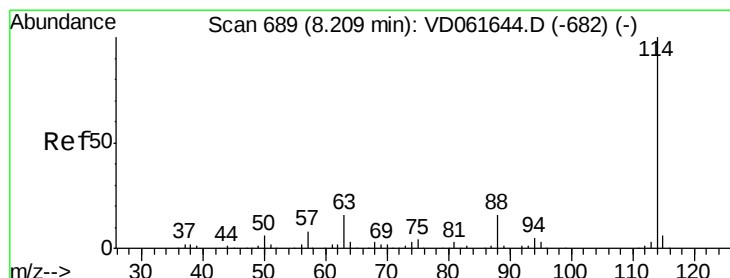
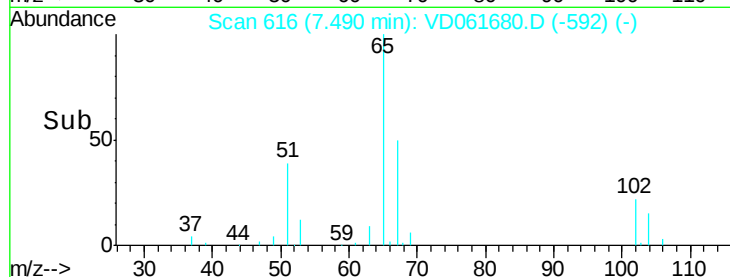
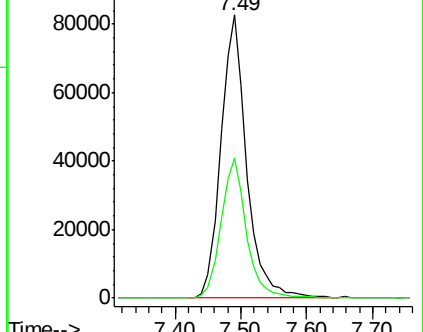
65 100

67 49.7 0.0 99.4



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: 8.25 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

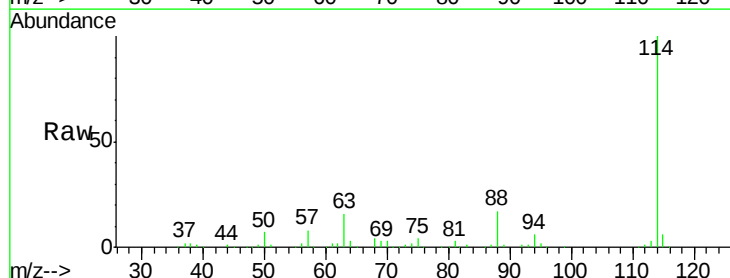
Tgt Ion: 114 Resp: 853224

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.2

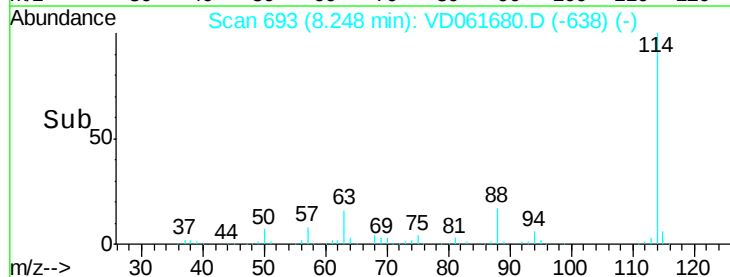
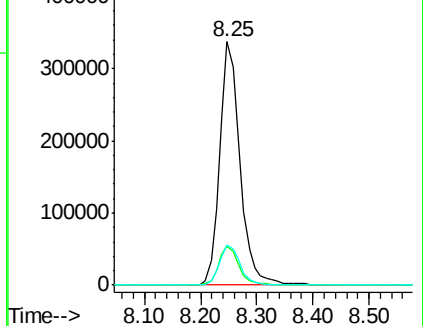
88 16.6 0.0 31.8

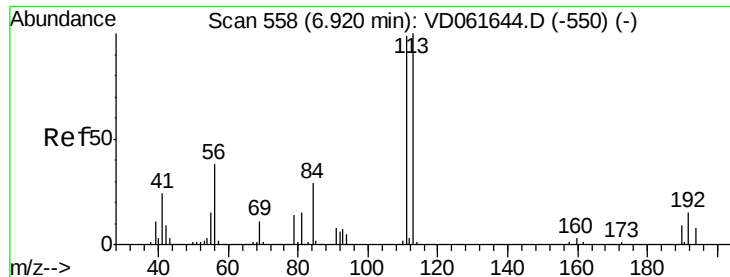


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.96 min Scan# 562

Delta R.T. 0.04 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

Instrument :

MSVOA_D

ClientSampleId :

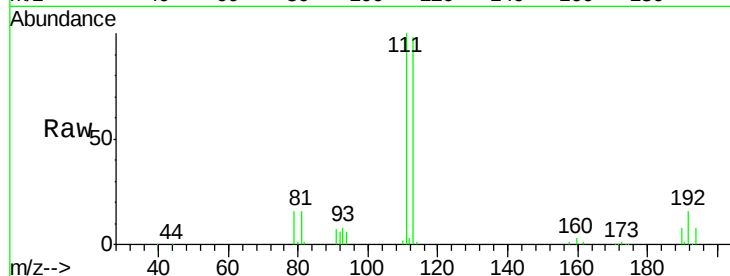
Tot Ion:113 Resp: 332362

Ion Ratio Lower Upper

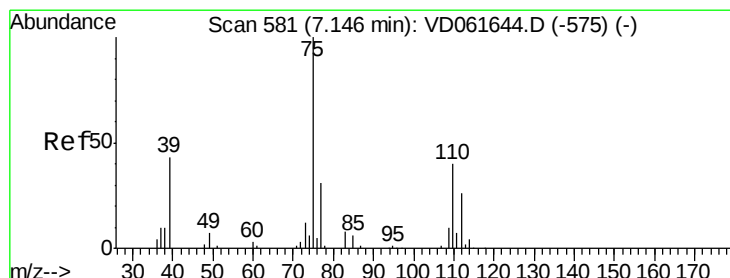
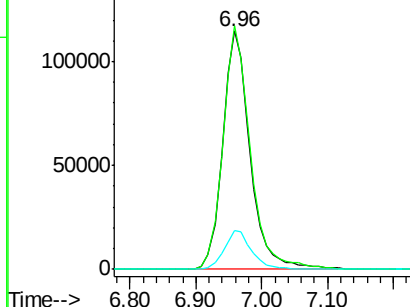
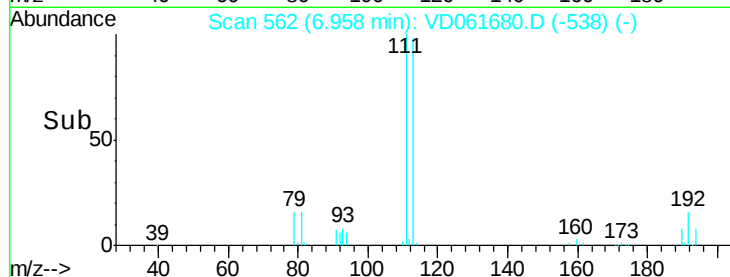
113 100

111 102.2 79.3 118.9

192 16.4 12.3 18.5



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: 5.075 ug/l

RT: 7.09 min Scan# 575

Delta R.T. -0.06 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

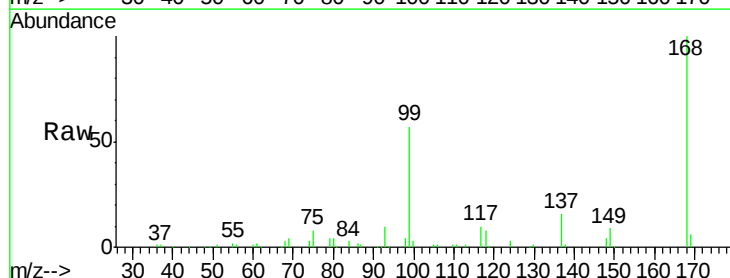
Tgt Ion: 75 Resp: 37896

Ion Ratio Lower Upper

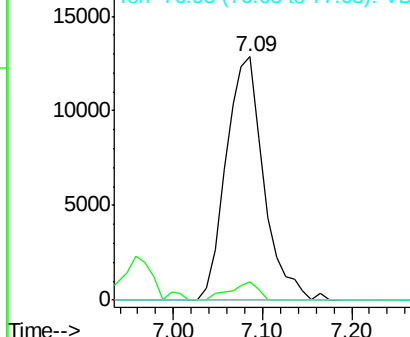
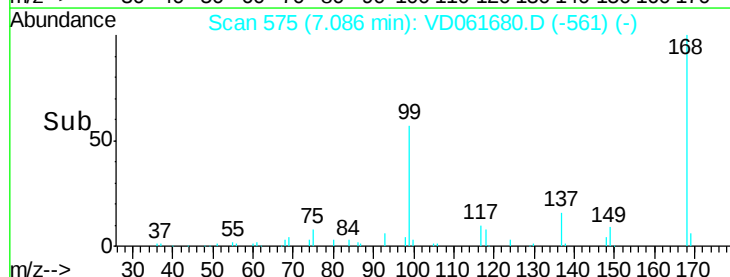
75 100

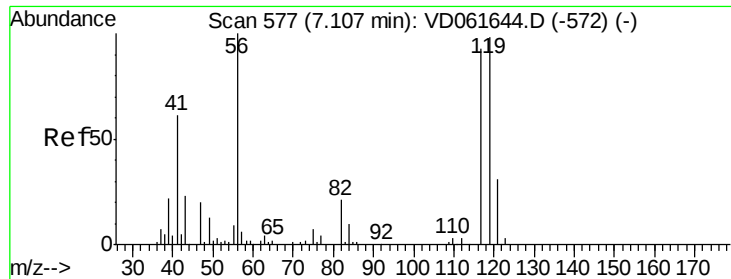
110 7.5 19.7 59.0#

77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

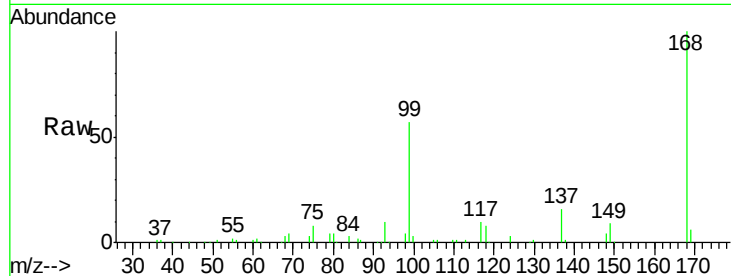




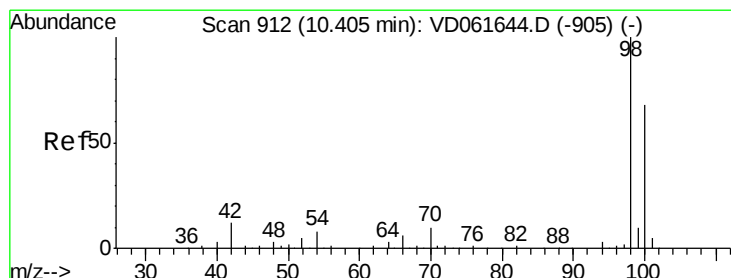
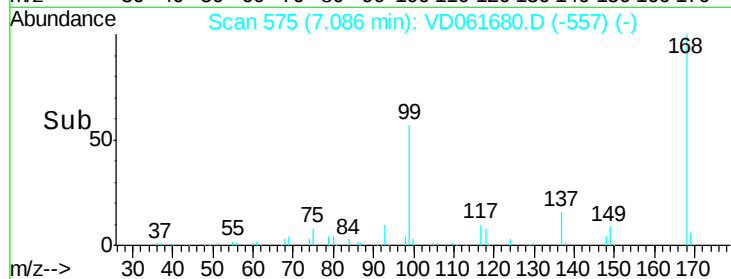
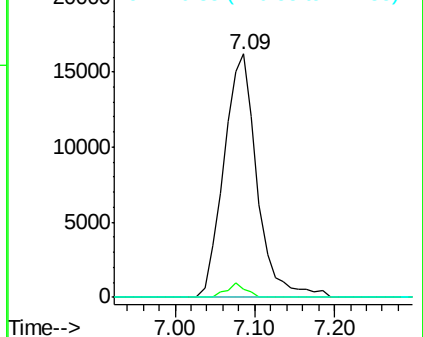
#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.09 min Scan# 575
Delta R.T. -0.02 min
Lab File: VD061680.D
Acq: 9 Apr 2019 17:43

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 47236
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.7 37.1#

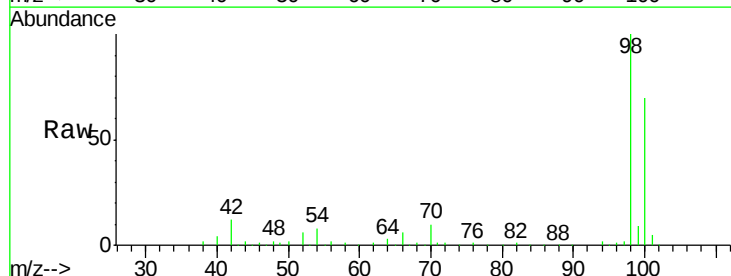


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

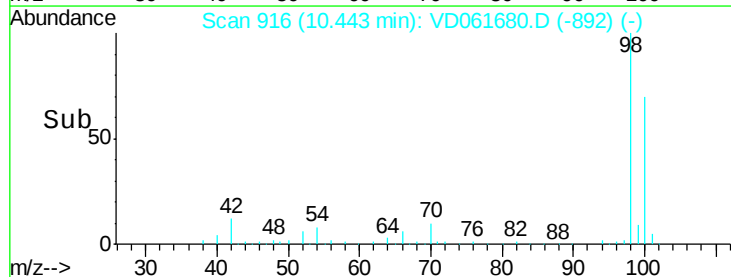
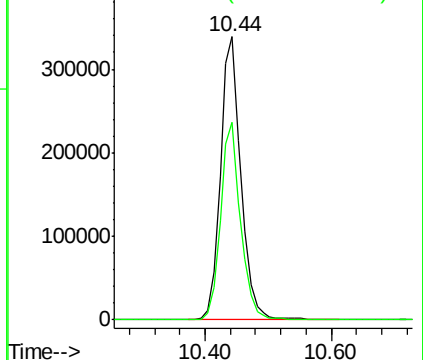


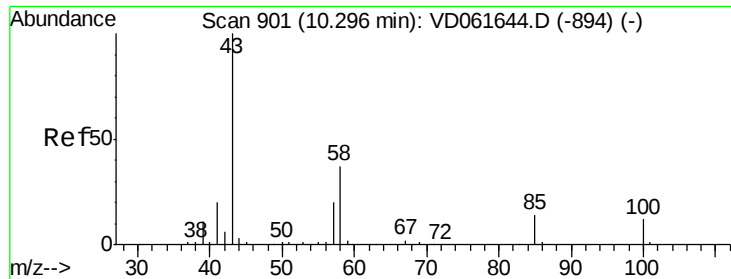
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.04 min
Lab File: VD061680.D
Acq: 9 Apr 2019 17:43

Tgt Ion: 98 Resp: 765110
Ion Ratio Lower Upper
98 100
100 69.8 55.4 83.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.155 ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.15 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

Instrument :

MSVOA_D

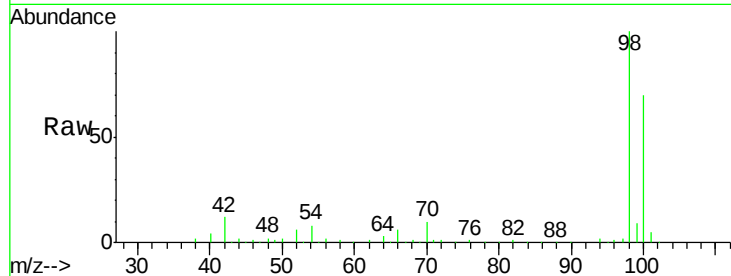
ClientSampled :

Tot Ion: 43 Resp: 3016

Ion Ratio Lower Upper

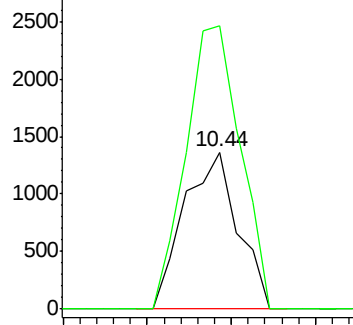
43 100

58 180.5 29.8 44.8#

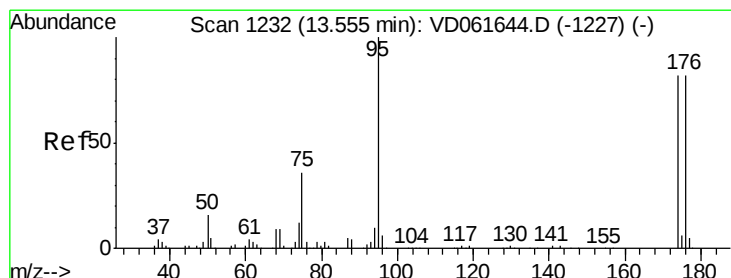
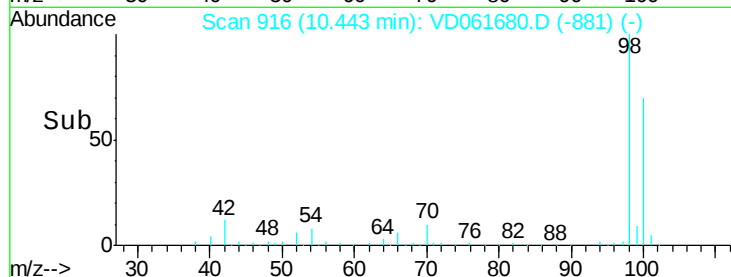


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time--> 10.35 10.40 10.45 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

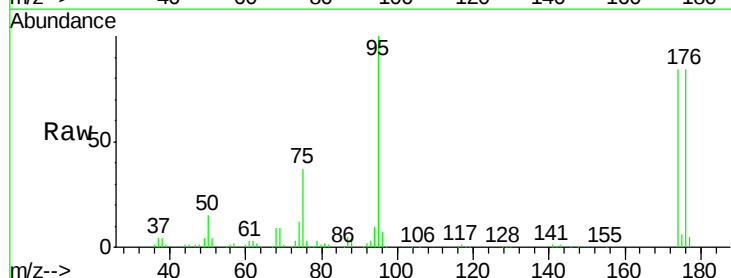
Tgt Ion: 95 Resp: 314379

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.6

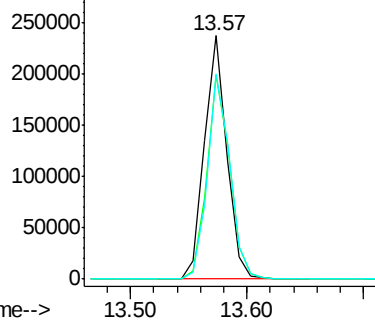
176 84.4 0.0 165.0



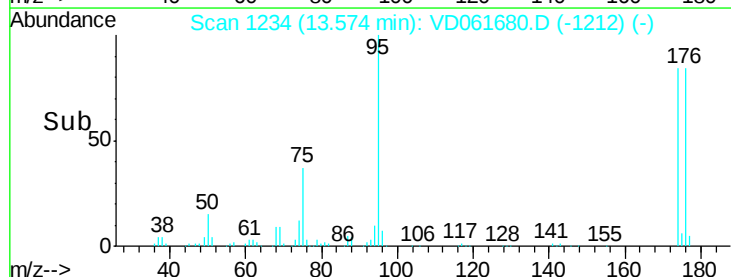
Abundance Ion 95.00 (94.70 to 95.70): VDC

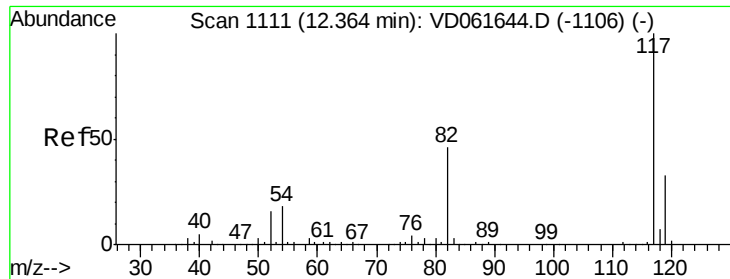
Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC



Time--> 13.50 13.60

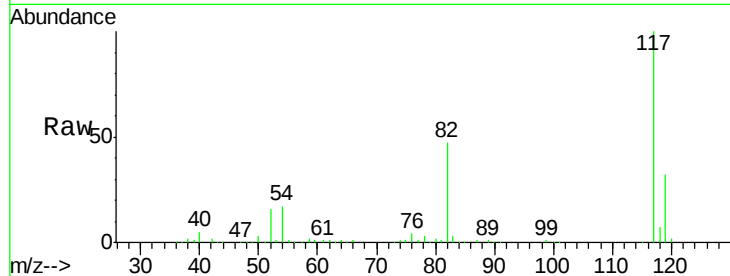




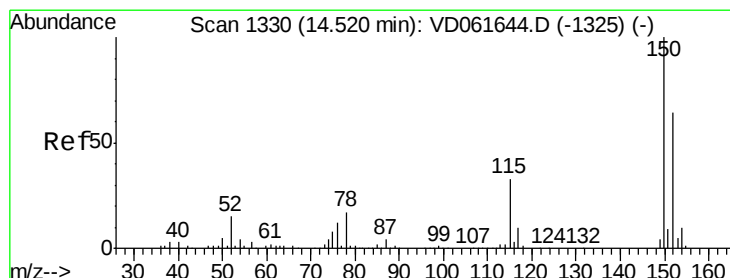
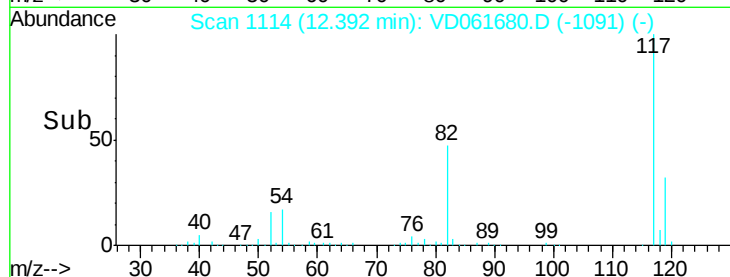
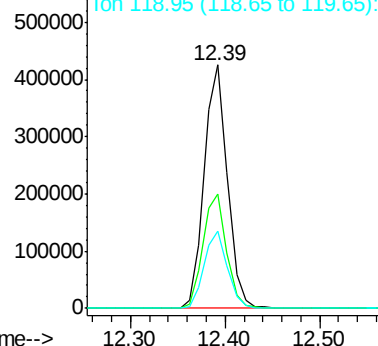
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061680.D
Acq: 9 Apr 2019 17:43

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 720635
Ion Ratio Lower Upper
117 100
82 46.9 36.8 55.2
119 32.0 26.1 39.1

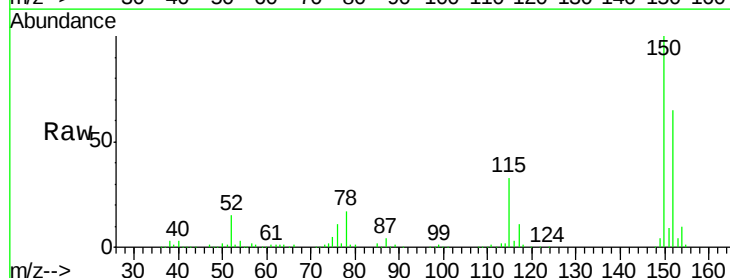


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

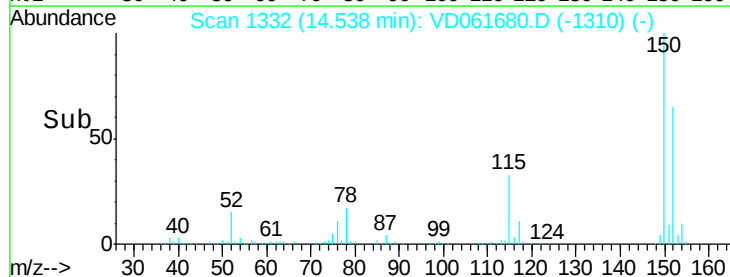
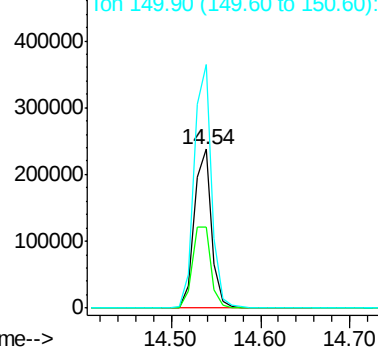


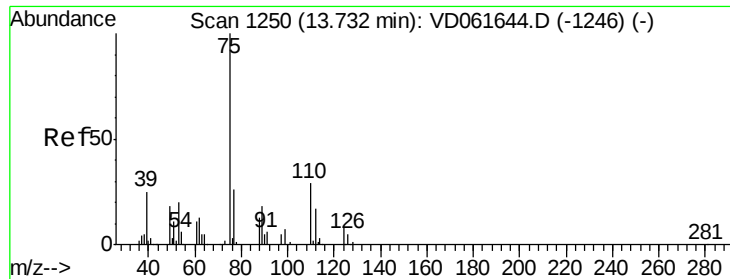
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061680.D
Acq: 9 Apr 2019 17:43

Tgt Ion:152 Resp: 323482
Ion Ratio Lower Upper
152 100
115 51.3 26.4 79.2
150 153.6 0.0 320.6



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: 25.991 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

Instrument :

MSVOA_D

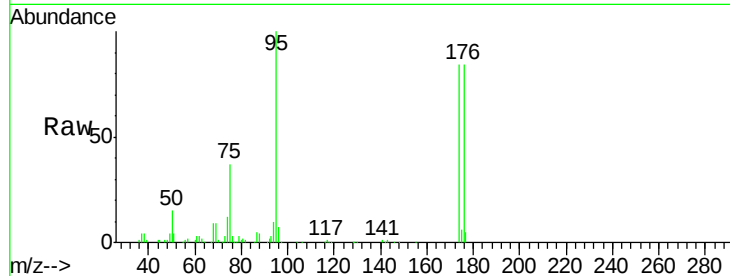
ClientSampleId :

Tot Ion: 75 Resp: 114387

Ion Ratio Lower Upper

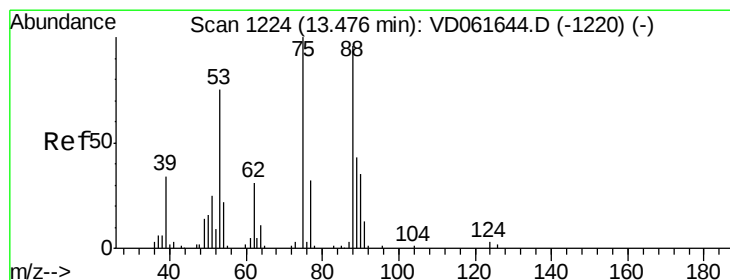
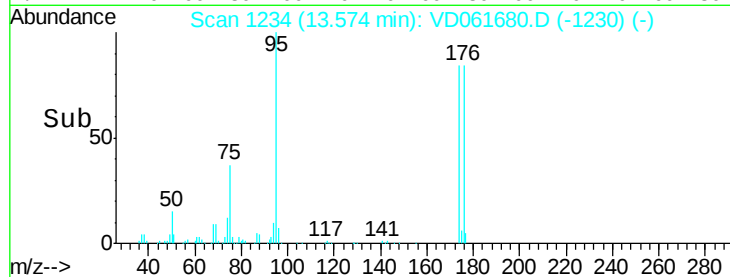
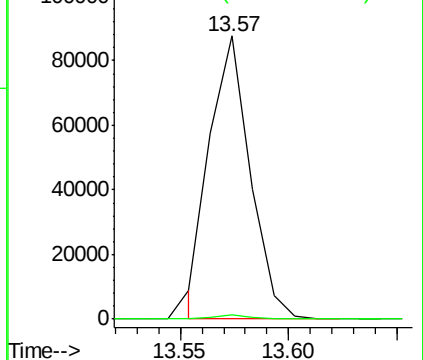
75 100

77 1.3 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 89.596 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD061680.D

Acq: 9 Apr 2019 17:43

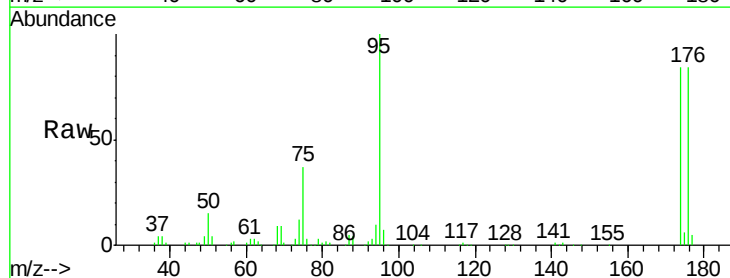
Tgt Ion: 75 Resp: 119655

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

