

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061984.D
 Acq On : 24 Apr 2019 00:33
 Operator : VA/AP
 Sample : VD0423SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBL02

Quant Time: Apr 24 03:52:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	545798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	884565	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	755724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	375089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	245323	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	
35) Dibromofluoromethane	6.93	113	352946	57.69	ug/l	0.00
Spiked Amount			Recovery	=	115.38%	
50) Toluene-d8	10.42	98	796943	54.75	ug/l	0.00
Spiked Amount			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	13.56	95	309510	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	

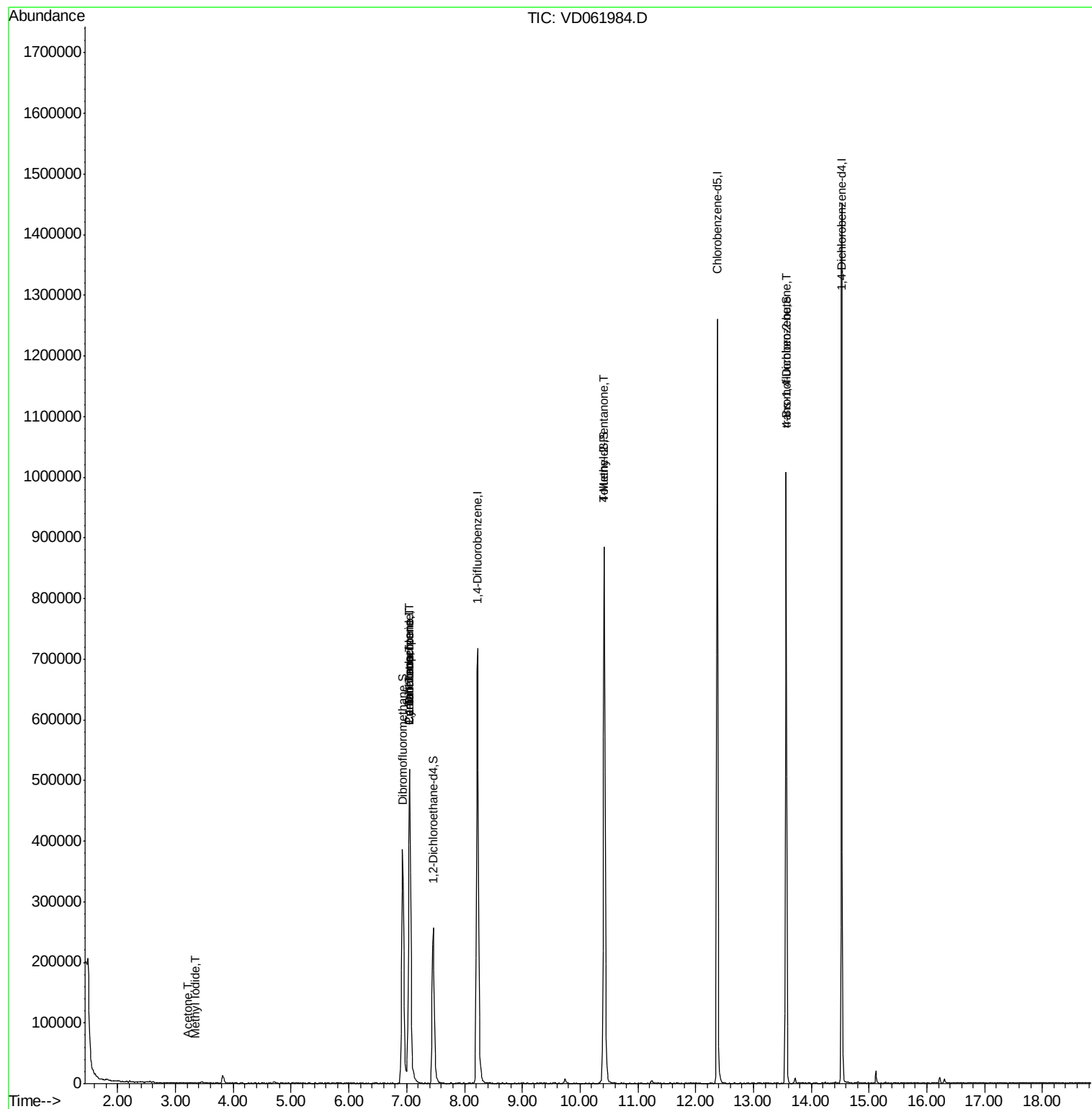
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.34	142	194	5.450	ug/l #	37
16) Acetone	3.22	43	1939	1.901	ug/l #	50
20) Methylene Chloride	3.82	84	9716	Below Cal		95
31) Cyclohexane	7.05	56	9039	1.421	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	38445	5.578	ug/l #	48
38) Carbon Tetrachloride	7.05	117	51974	5.951	ug/l #	15
51) 4-Methyl-2-Pentanone	10.41	43	3676	1.401	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	118397	82.027	ug/l #	16

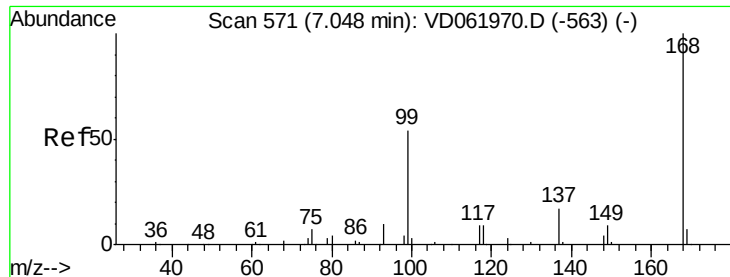
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042319\
Data File : VD061984.D
Acq On : 24 Apr 2019 00:33
Operator : VA/AP
Sample : VD0423SBL02
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL02

Quant Time: Apr 24 03:52:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

Instrument :

MSVOA_D

ClientSampleId :

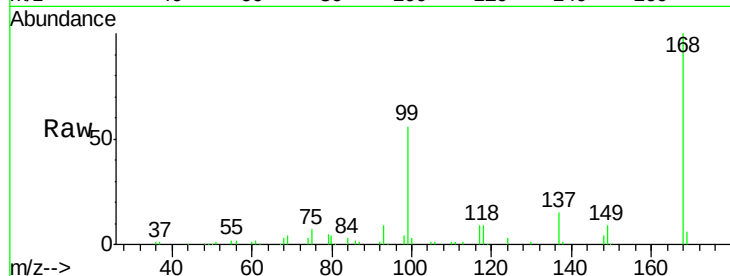
VD0423SBL02

Tot Ion:168 Resp: 545798

Ion Ratio Lower Upper

168 100

99 56.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.05

200000

150000

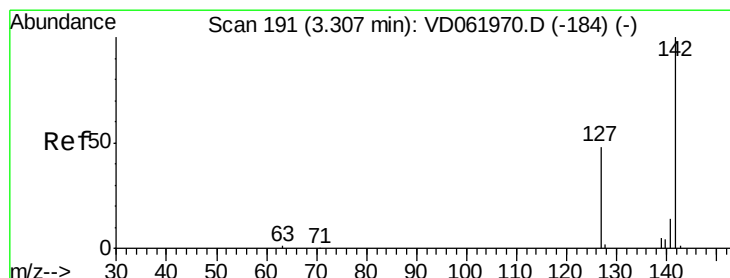
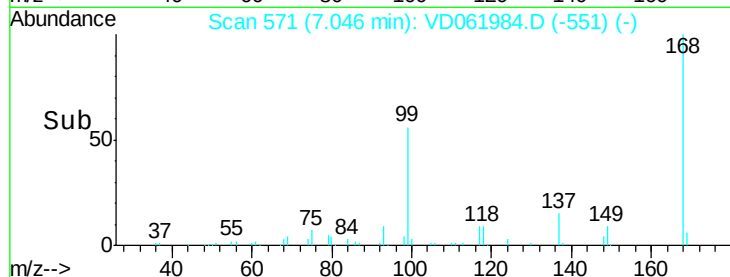
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 5.450 ug/l

RT: 3.34 min Scan# 195

Delta R.T. 0.02 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

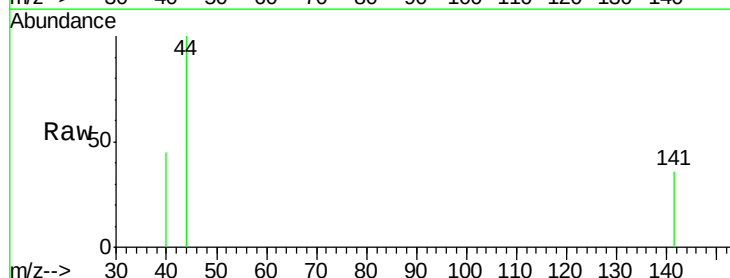
Tgt Ion:142 Resp: 194

Ion Ratio Lower Upper

142 100

127 0.0 38.8 58.2#

141 0.0 11.4 17.0#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.34

400

300

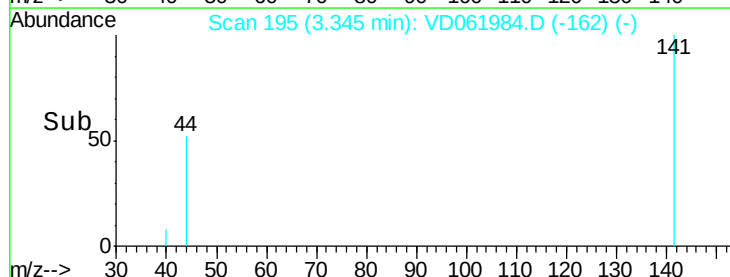
200

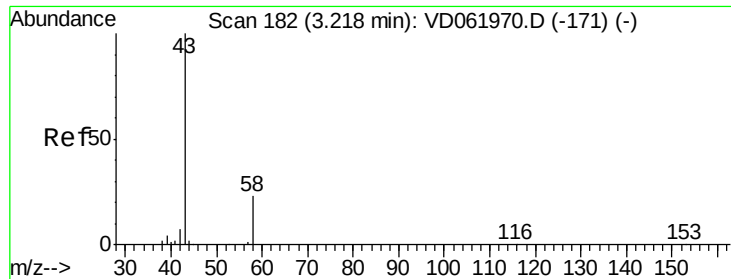
100

0

3.32 3.34 3.36

Time-->





#16

Acetone

Concen: 1.901 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

Instrument :

MSVOA_D

ClientSampleId :

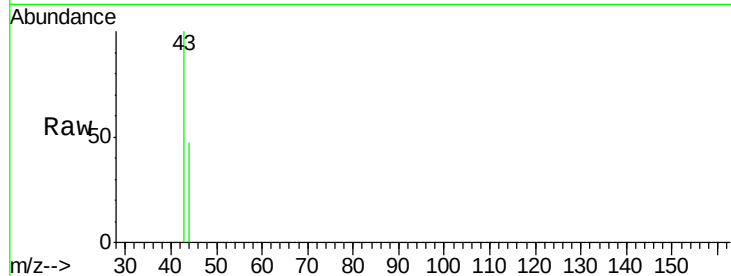
VD0423SBL02

Tot Ion: 43 Resp: 1939

Ion Ratio Lower Upper

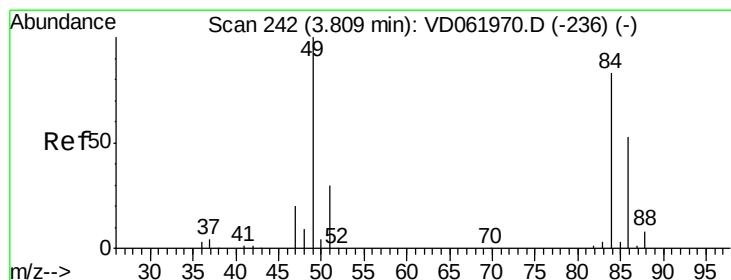
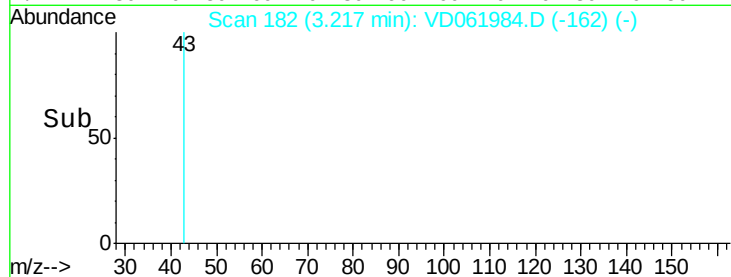
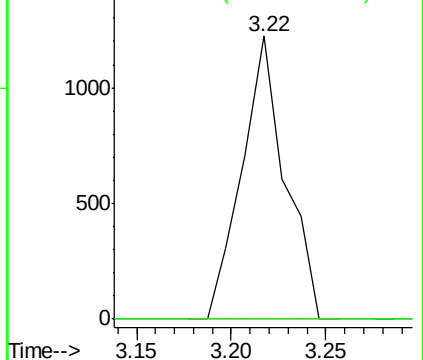
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

Tgt Ion: 84 Resp: 9716

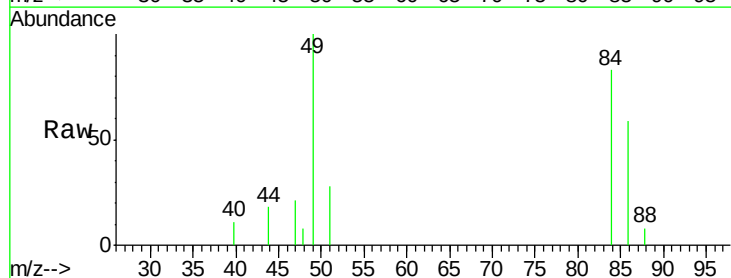
Ion Ratio Lower Upper

84 100

49 120.2 94.0 141.0

51 33.8 29.0 43.4

86 70.5 49.8 74.6

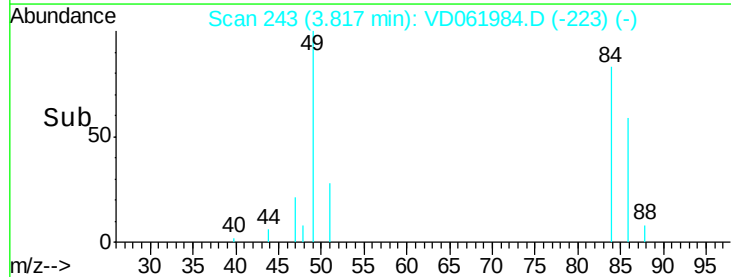
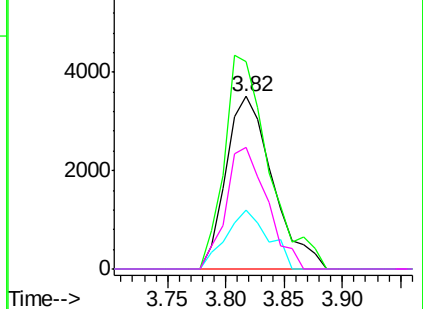


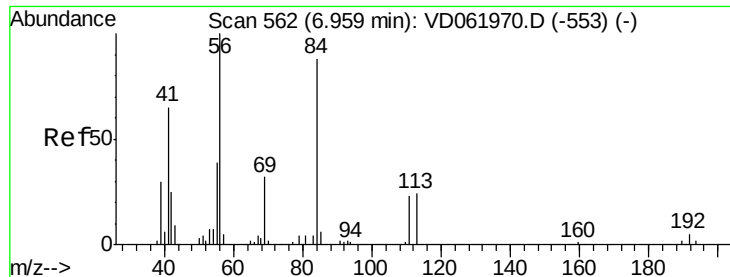
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

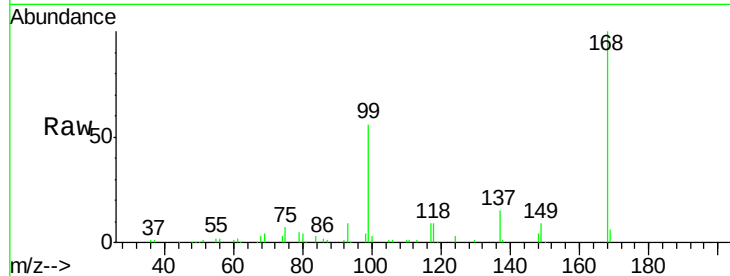




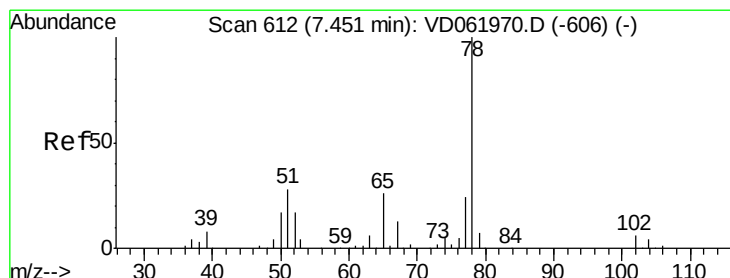
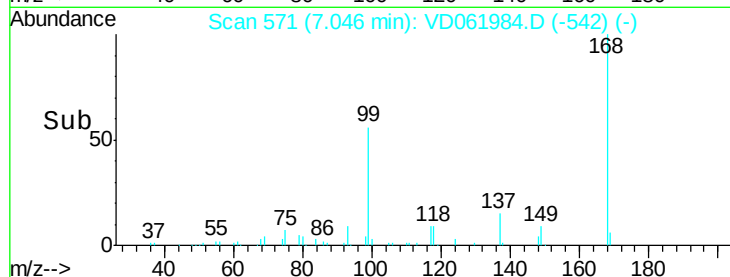
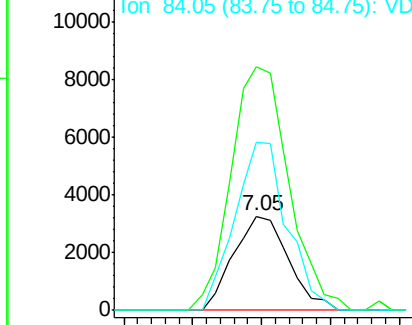
#31
Cyclohexane
Concen: 1.421 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL02

Tot Ion: 56 Resp: 9039
Ion Ratio Lower Upper
56 100
69 259.1 25.8 38.6#
84 179.0 72.2 108.4#

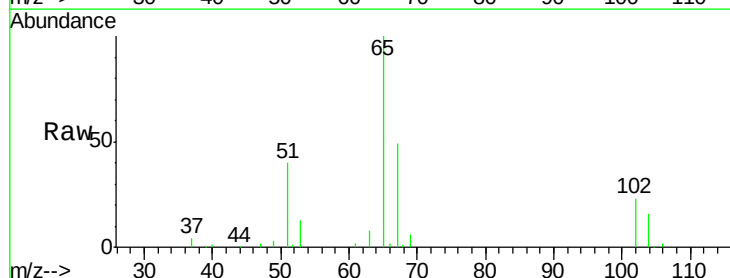


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

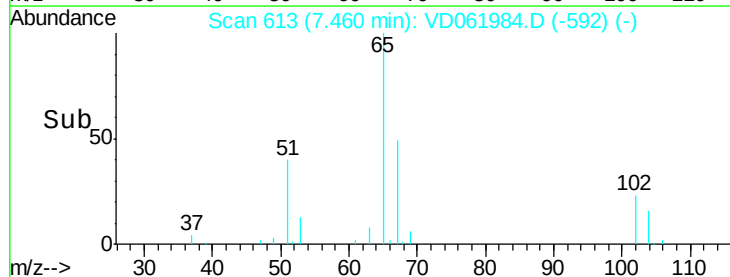
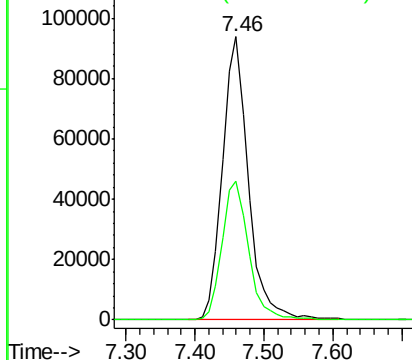


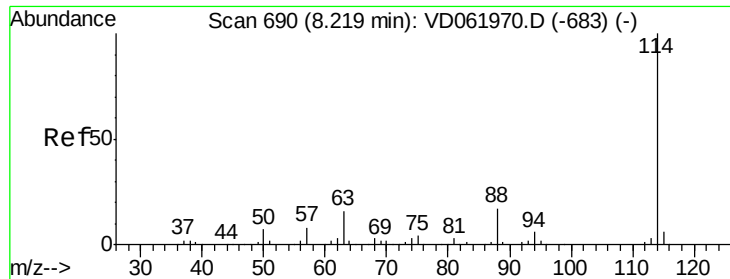
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Tgt Ion: 65 Resp: 245323
Ion Ratio Lower Upper
65 100
67 49.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

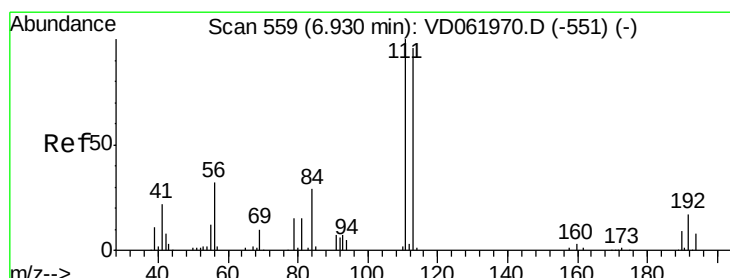
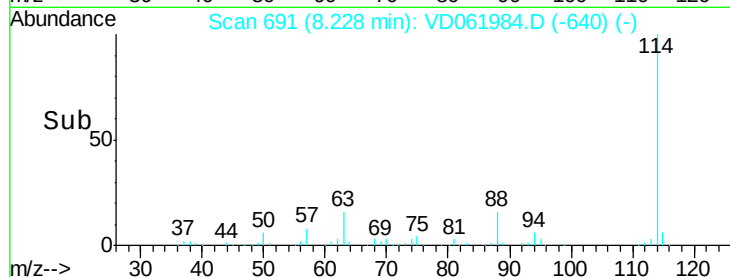
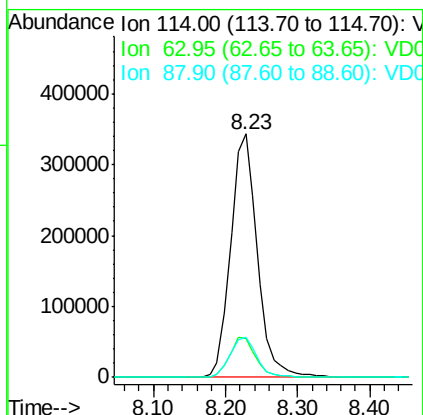
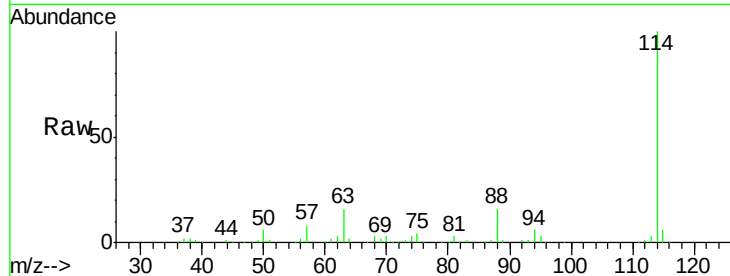




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061984.D
 Acq: 24 Apr 2019 00:33

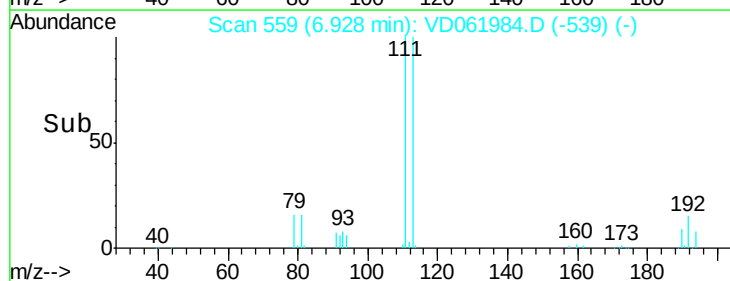
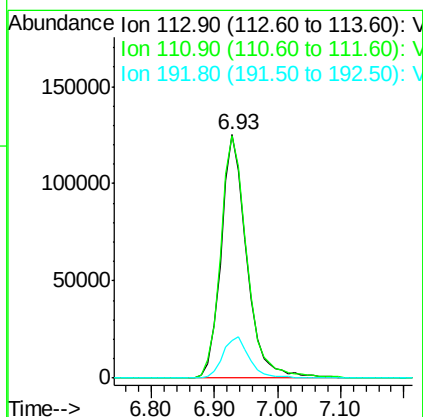
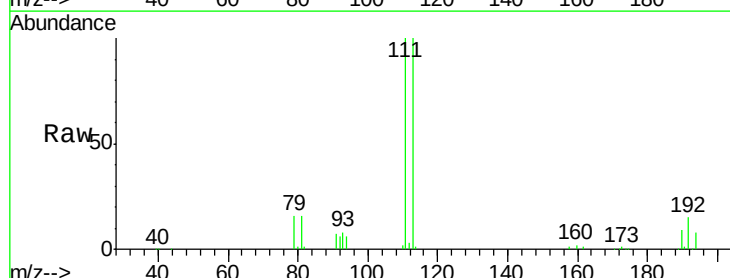
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBL02

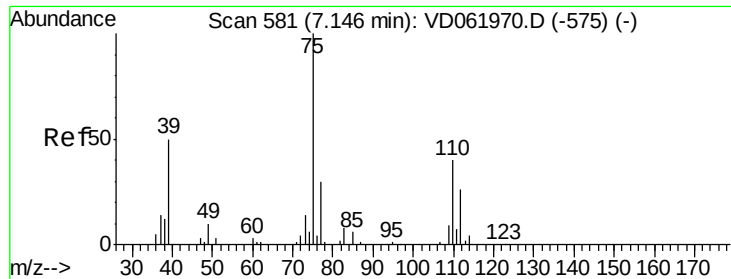
Tot Ion:114 Resp: 884565
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 32.4
 88 16.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD061984.D
 Acq: 24 Apr 2019 00:33

Tgt Ion:113 Resp: 352946
 Ion Ratio Lower Upper
 113 100
 111 99.8 78.5 117.7
 192 15.2 13.0 19.4

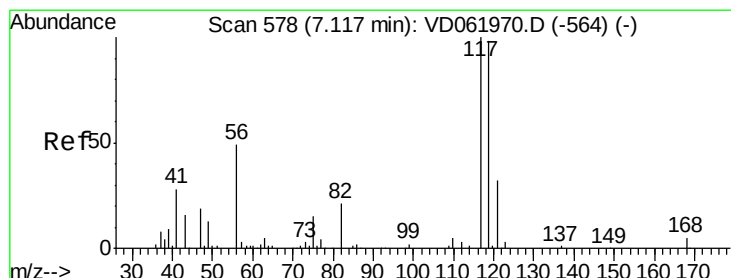
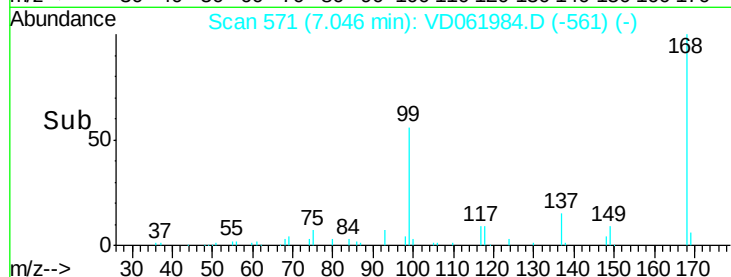
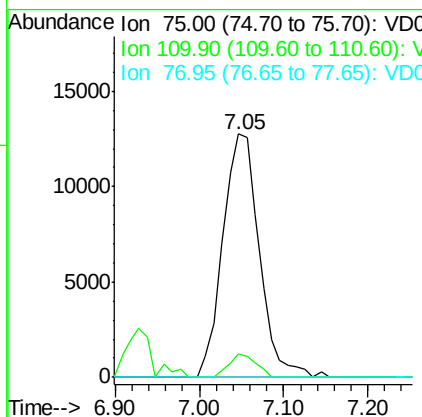
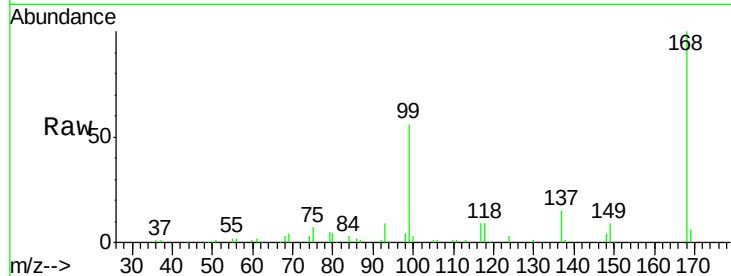




#36
 1,1-Dichloropropene
 Concen: 5.578 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061984.D
 Acq: 24 Apr 2019 00:33

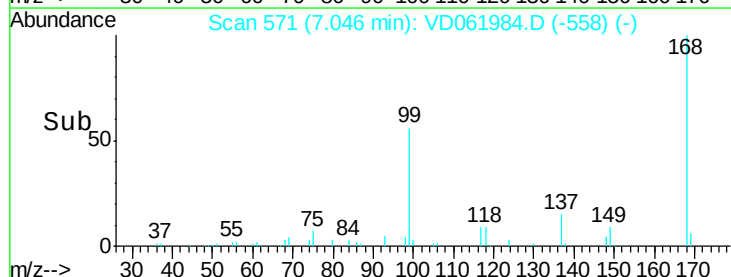
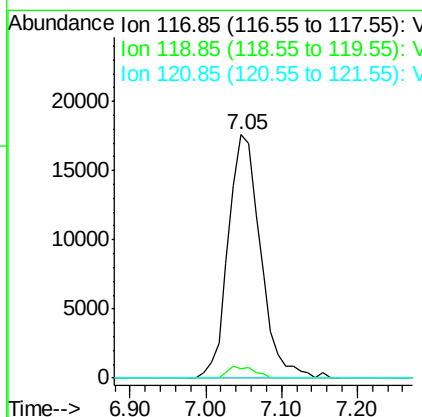
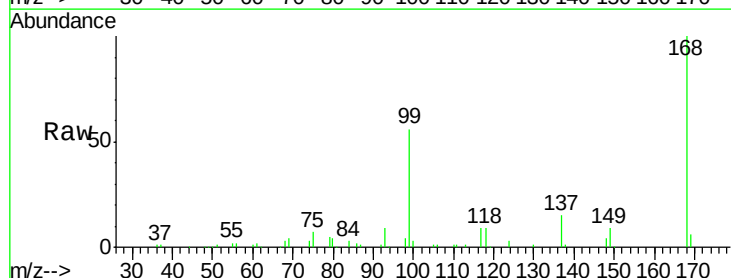
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBL02

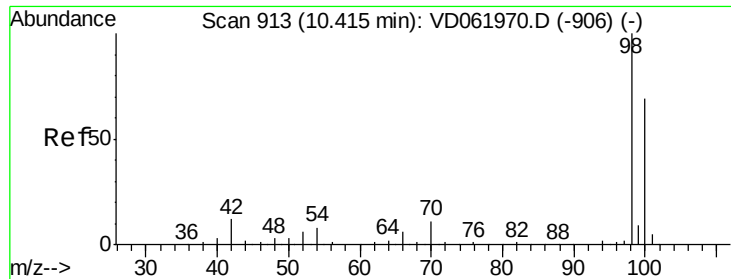
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.951 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061984.D
 Acq: 24 Apr 2019 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.8	113.8#
121	0.0	25.9	38.9#

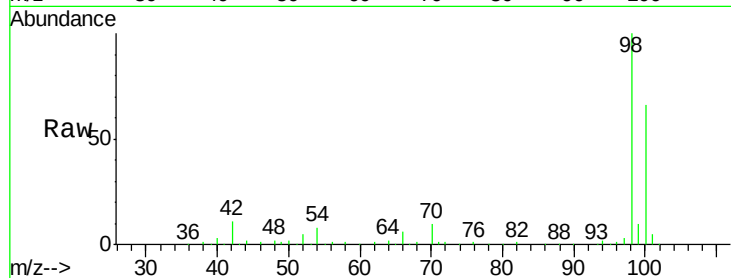




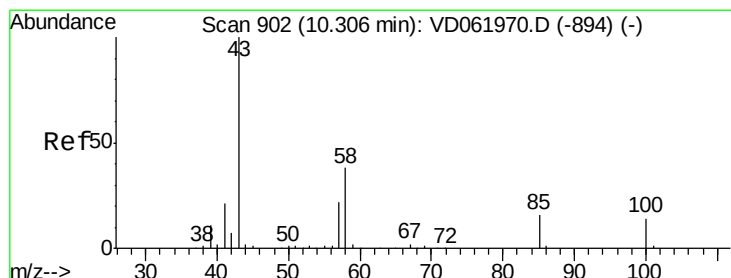
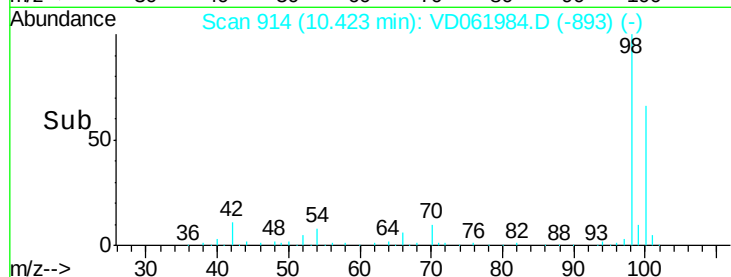
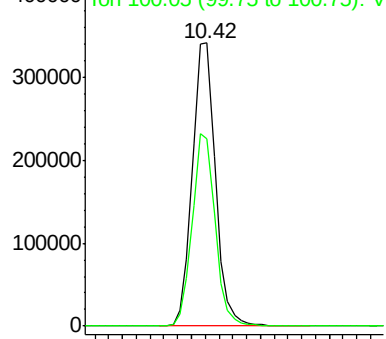
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL02

Tot Ion: 98 Resp: 796943
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.8

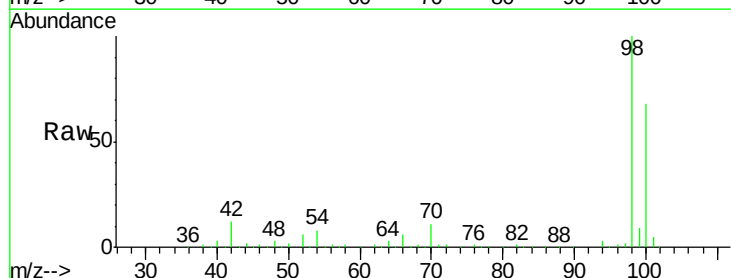


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

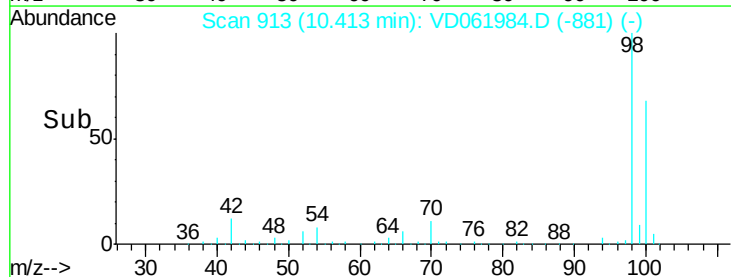
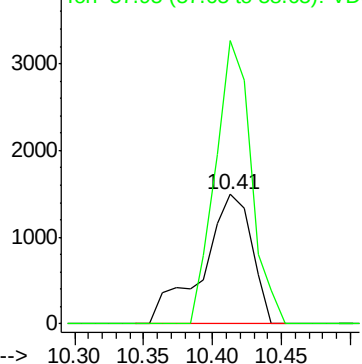


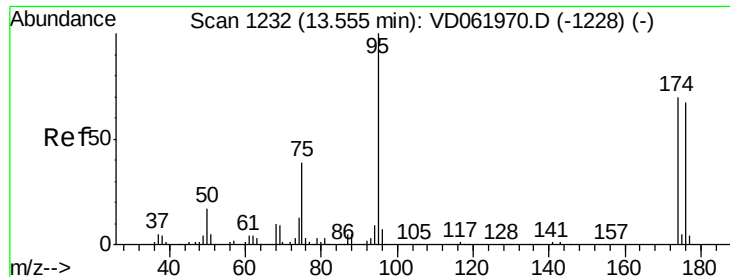
#51
4-Methyl-2-Pentanone
Concen: 1.401 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.11 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Tgt Ion: 43 Resp: 3676
Ion Ratio Lower Upper
43 100
58 218.3 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-894) (-)
Ion 57.95 (57.65 to 58.65): VD061970.D (-894) (-)

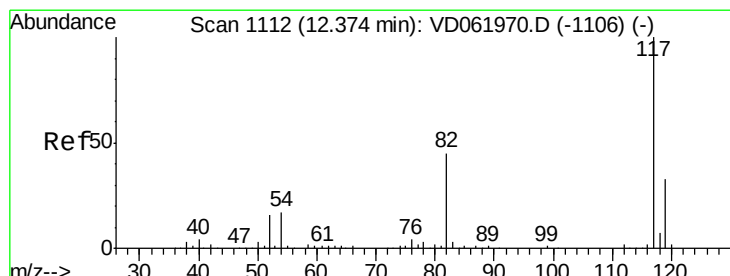
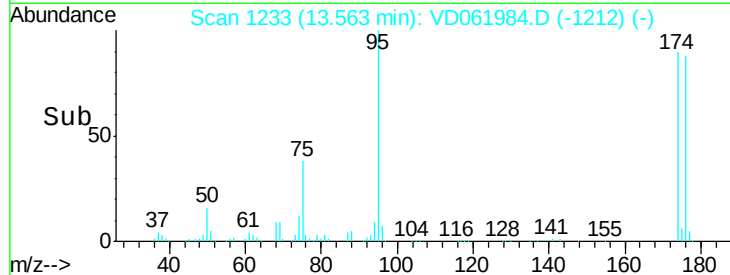
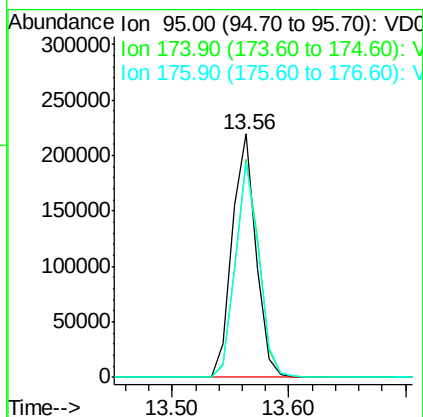
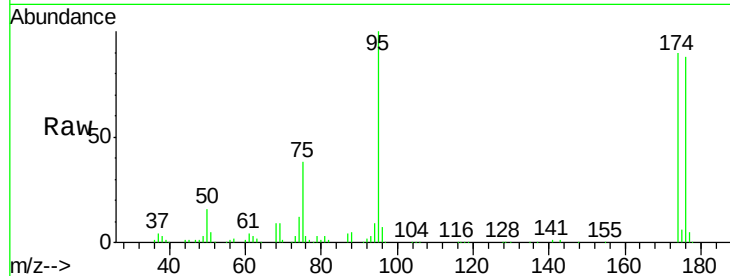




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

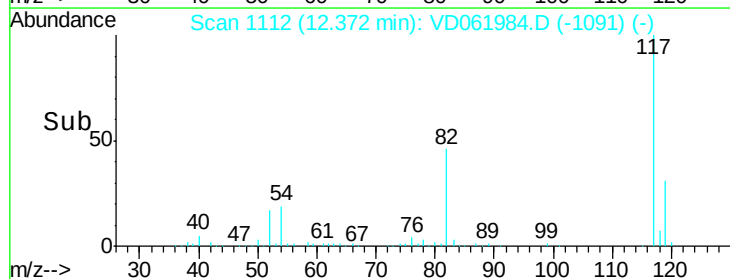
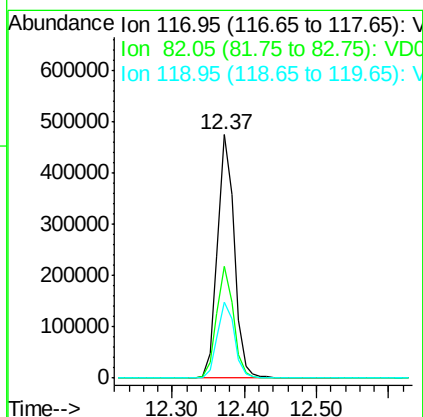
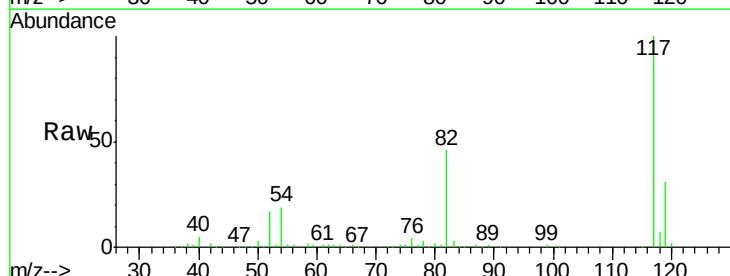
Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL02

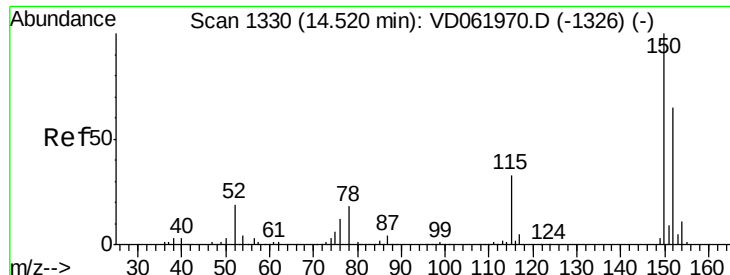
Tot Ion: 95 Resp: 309510
Ion Ratio Lower Upper
95 100
174 89.8 0.0 181.8
176 88.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Tgt Ion: 117 Resp: 755724
Ion Ratio Lower Upper
117 100
82 45.8 36.2 54.2
119 31.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

Instrument :

MSVOA_D

ClientSampleId :

VD0423SBL02

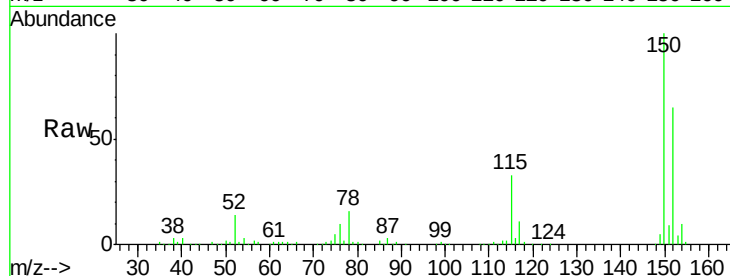
Tot Ion:152 Resp: 375089

Ion Ratio Lower Upper

152 100

115 51.6 30.9 92.7

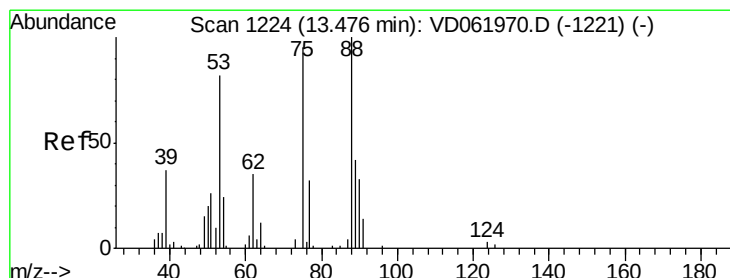
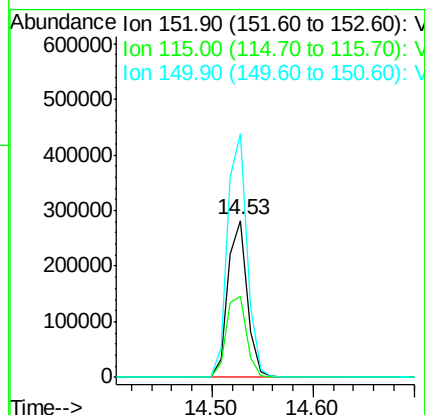
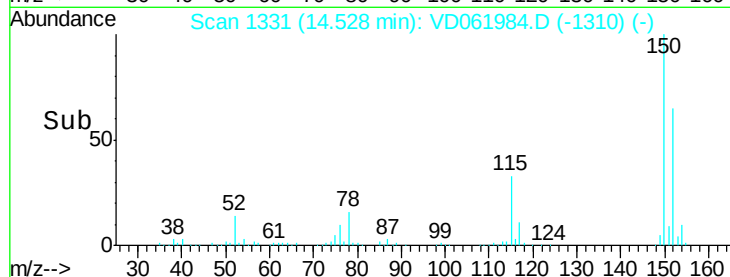
150 154.9 0.0 314.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 82.027 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

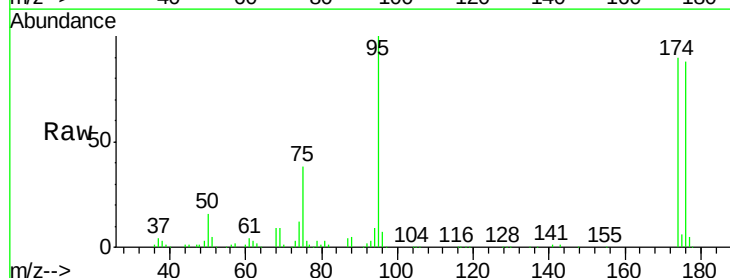
Tgt Ion: 75 Resp: 118397

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

