

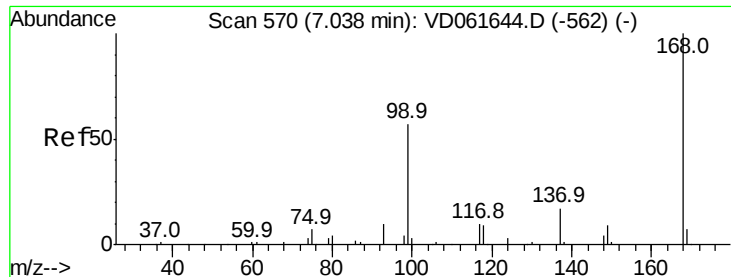
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061725.D
 Acq On : 10 Apr 2019 20:52
 Operator : VA/AP
 Sample : K2338-08RE
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-SHALLOWRE

Quant Time: Apr 11 01:09:36 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	7.06	168	2144	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	4577	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	4670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	1367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	703	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
35) Dibromofluoromethane	6.93	113	1267	39.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.92%	
50) Toluene-d8	10.42	98	4600	57.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.48%	
62) 4-Bromofluorobenzene	13.56	95	1540	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
Target Compounds						
16) Acetone	3.23	43	1335	274.800	ug/l #	51
20) Methylene Chloride	3.81	84	10982	398.369	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.56	75	594	105.251	ug/l #	20

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061725.D

Acq: 10 Apr 2019 20:52

Instrument :

MSVOA_D

ClientSampleId :

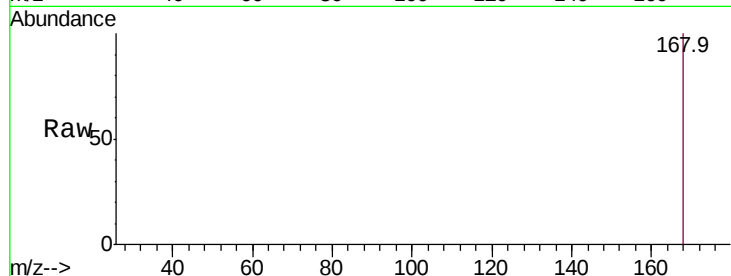
TP-2-SHALLOWRE

Tot Ion:168 Resp: 2144

Ion Ratio Lower Upper

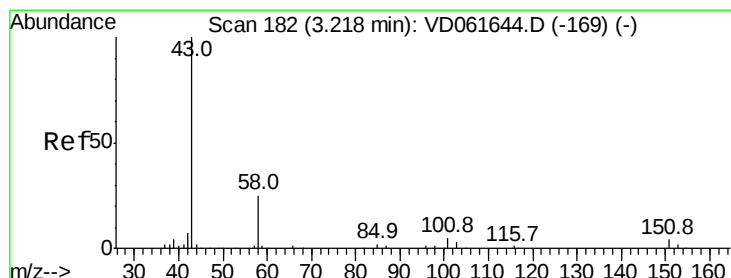
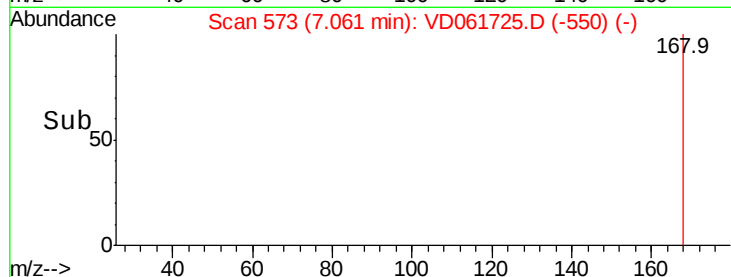
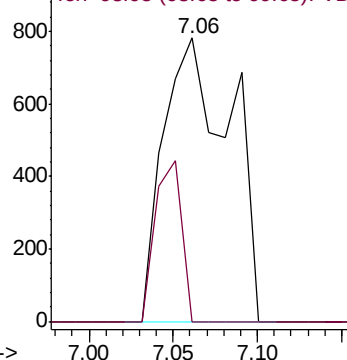
168 100

99 0.0 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 274.800 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061725.D

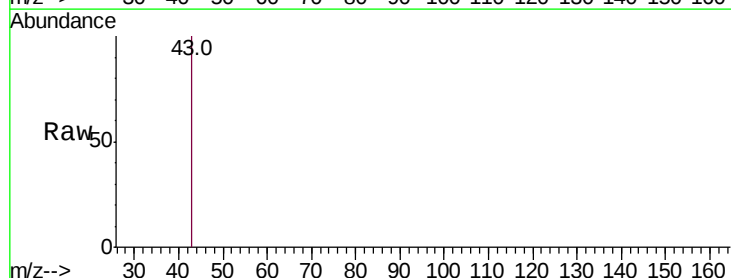
Acq: 10 Apr 2019 20:52

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

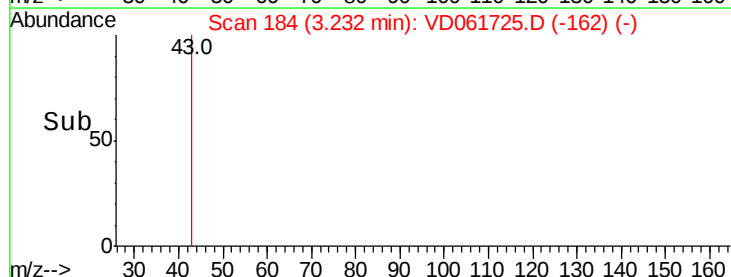
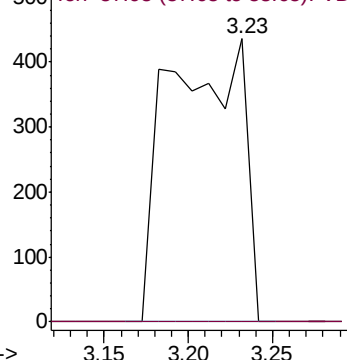
43 100

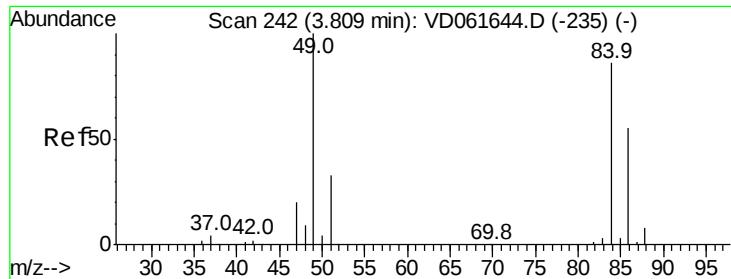
58 0.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

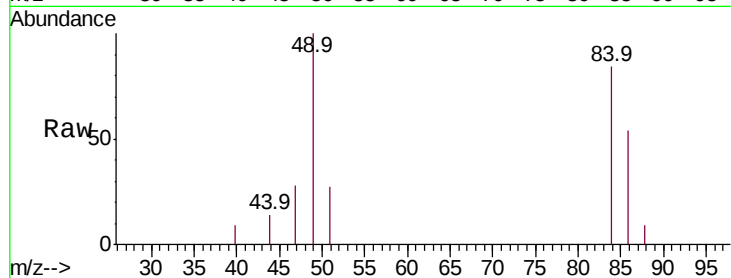




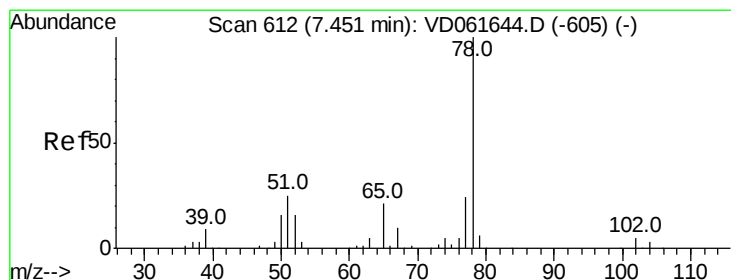
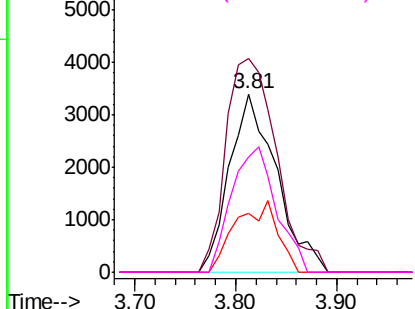
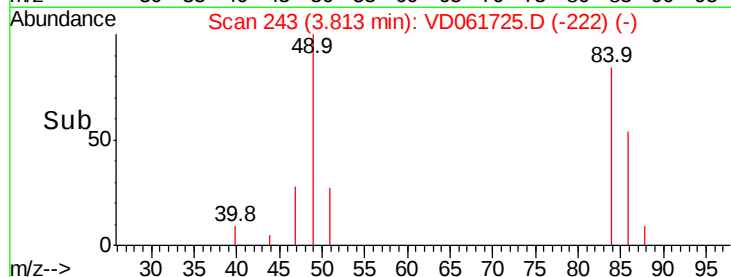
#20
Methvlene Chloride
Concen: 398.369 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061725.D
Acq: 10 Apr 2019 20:52

Instrument :
MSVOA_D
ClientSampleId :
TP-2-SHALLOWRE

Tot Ion: 84 Resp: 10982
Ion Ratio Lower Upper
84 100
49 119.6 93.0 139.4
51 32.7 30.4 45.6
86 64.5 51.0 76.4

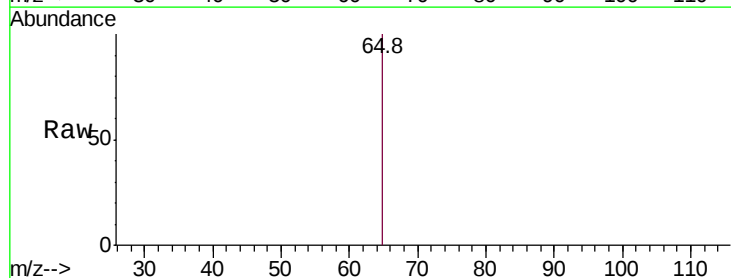


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

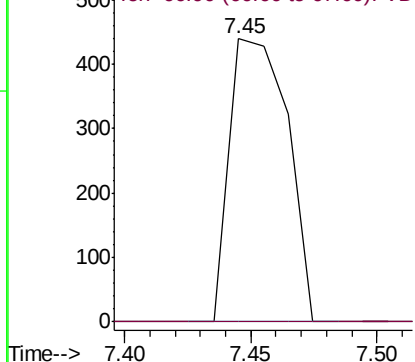
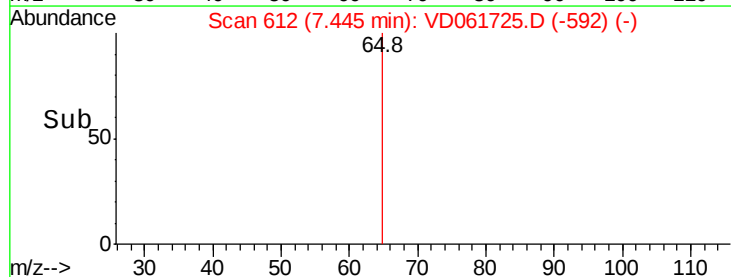


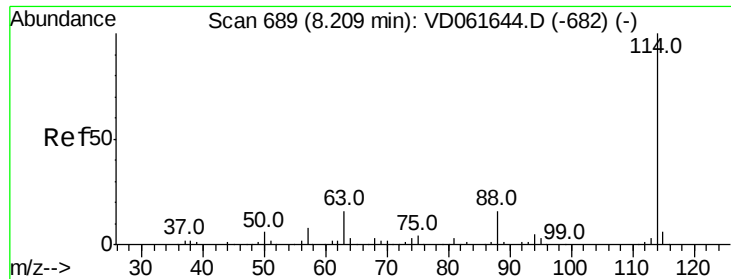
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061725.D
Acq: 10 Apr 2019 20:52

Tgt Ion: 65 Resp: 703
Ion Ratio Lower Upper
65 100
67 0.0 0.0 99.4



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

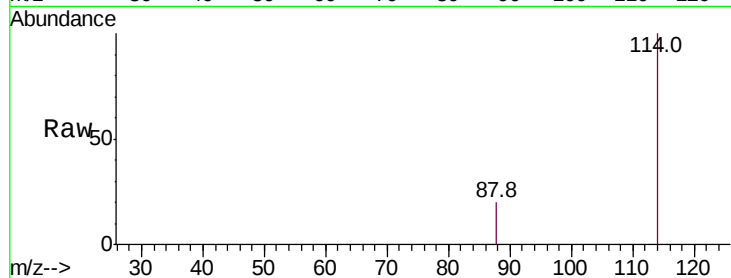




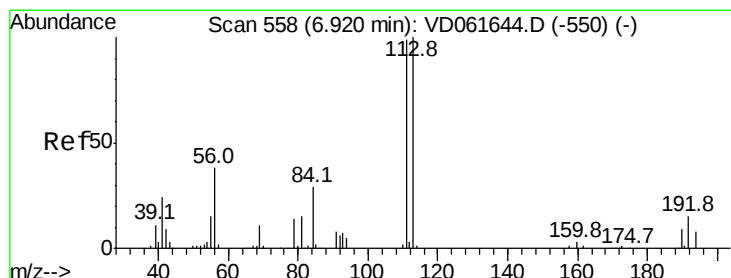
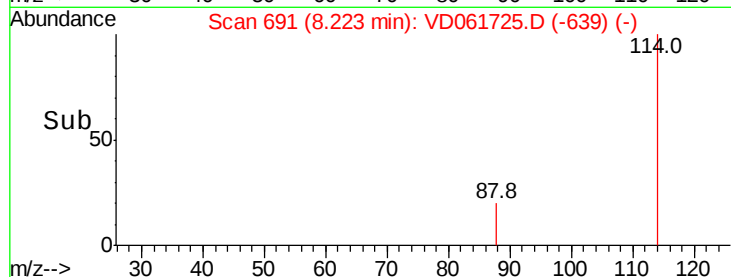
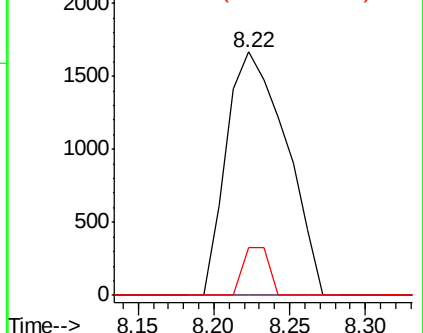
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061725.D
 Acq: 10 Apr 2019 20:52

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-SHALLOWRE

Tot Ion:114 Resp: 4577
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 31.2
 88 19.6 0.0 31.8

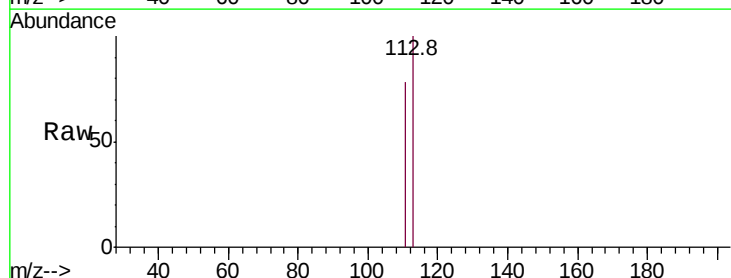


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

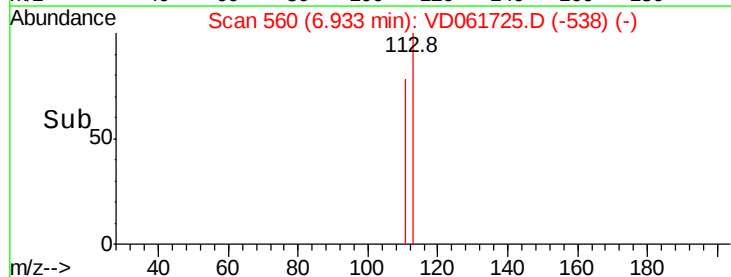
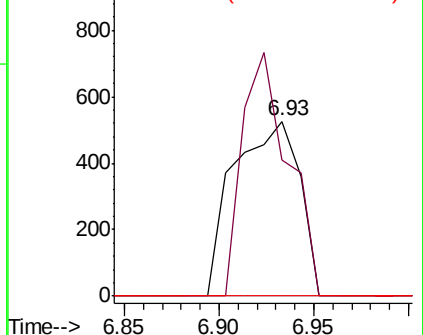


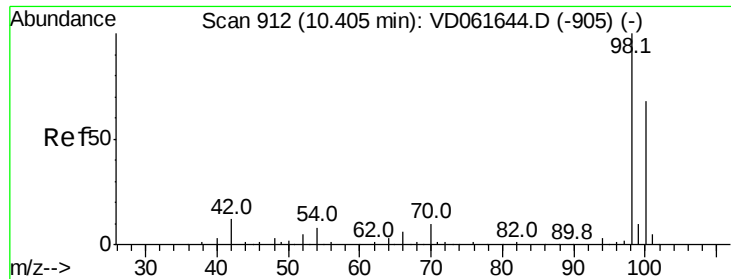
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061725.D
 Acq: 10 Apr 2019 20:52

Tgt Ion:113 Resp: 1267
 Ion Ratio Lower Upper
 113 100
 111 77.6 79.3 118.9#
 192 0.0 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061725.D

Acq: 10 Apr 2019 20:52

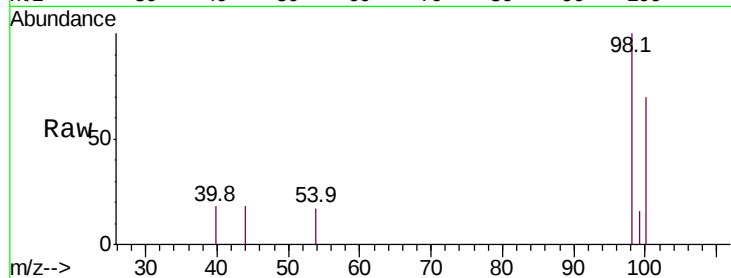
Instrument :
MSVOA_D
ClientSampleId :
TP-2-SHALLOWRE

Tot Ion: 98 Resp: 4600

Ion Ratio Lower Upper

98 100

100 70.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.42

2000

1500

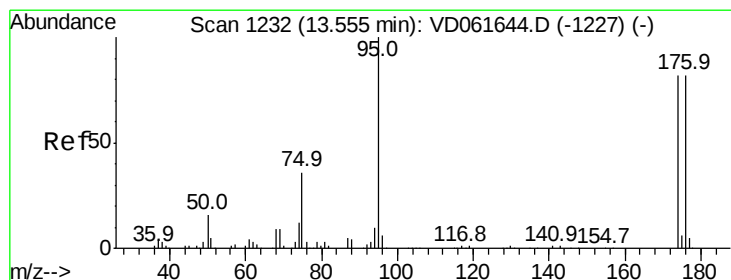
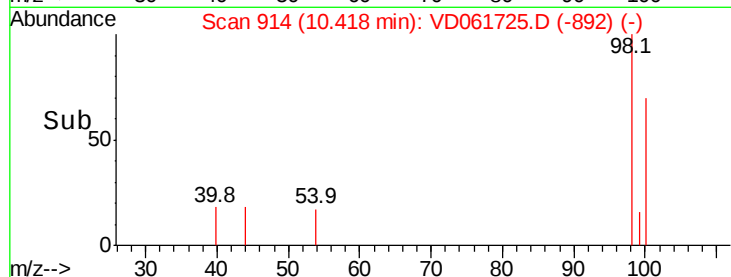
1000

500

0

Time-->

10.35 10.40 10.45



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061725.D

Acq: 10 Apr 2019 20:52

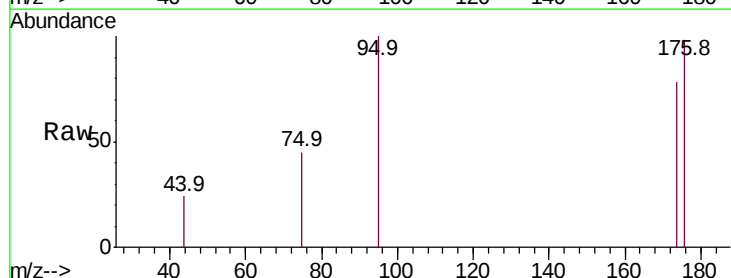
Tgt Ion: 95 Resp: 1540

Ion Ratio Lower Upper

95 100

174 77.6 0.0 164.6

176 97.7 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

13.56

1500

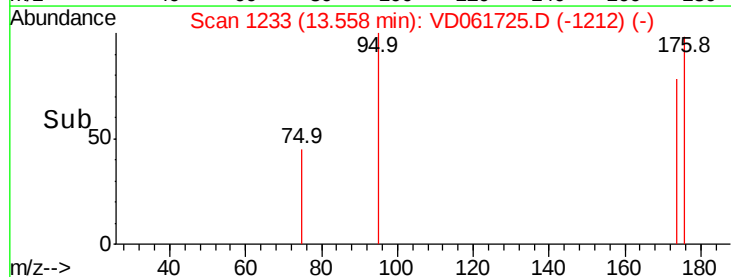
1000

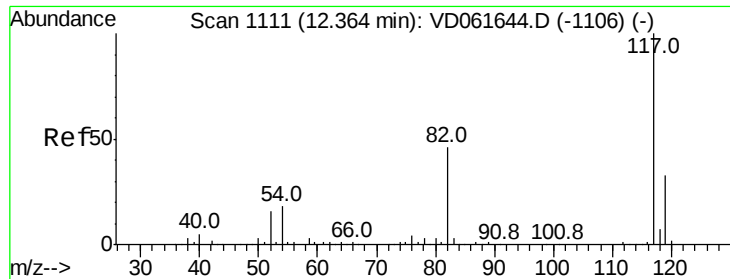
500

0

Time-->

13.50 13.55 13.60

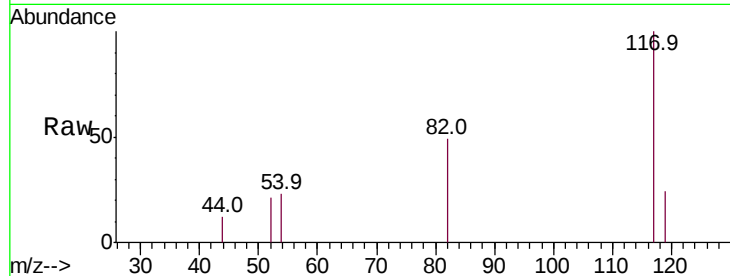




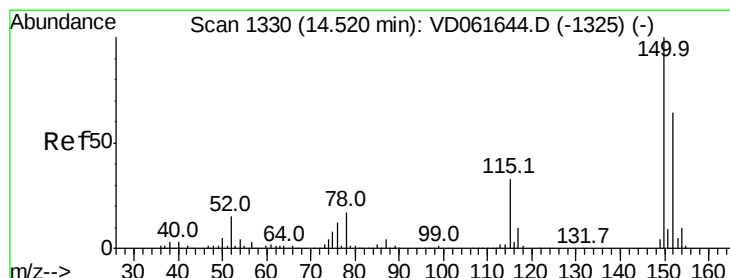
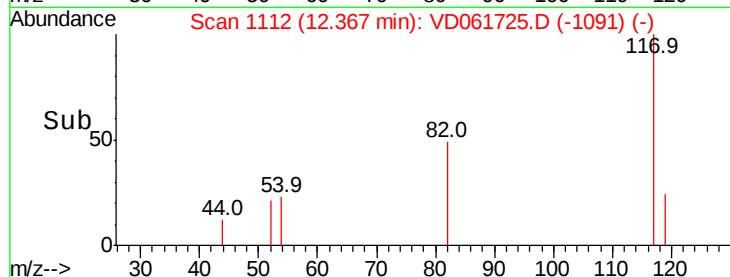
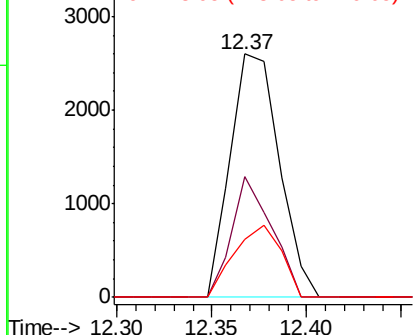
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061725.D
Acq: 10 Apr 2019 20:52

Instrument :
MSVOA_D
ClientSampleId :
TP-2-SHALLOWRE

Tot Ion:117 Resp: 4670
Ion Ratio Lower Upper
117 100
82 49.4 36.8 55.2
119 23.7 26.1 39.1#

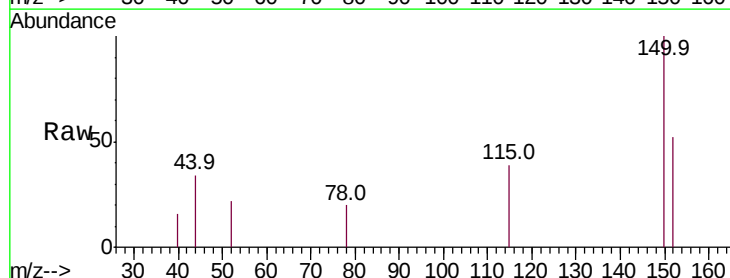


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

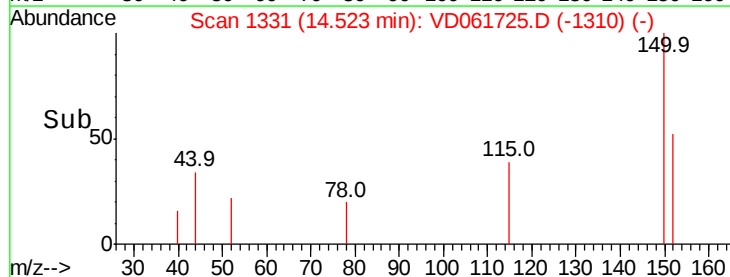
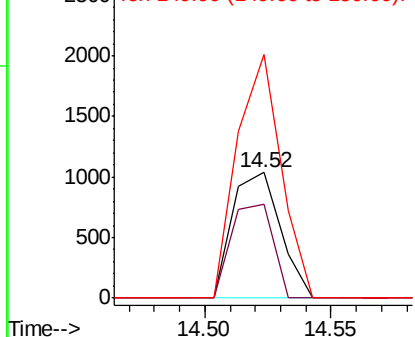


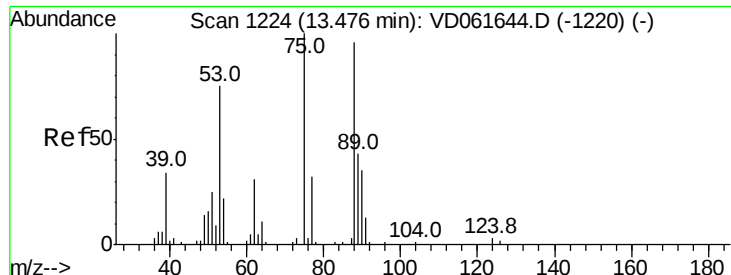
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061725.D
Acq: 10 Apr 2019 20:52

Tgt Ion:152 Resp: 1367
Ion Ratio Lower Upper
152 100
115 75.3 26.4 79.2
150 194.0 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





#81

trans-1,4-Dichloro-2-butene

Concen: 105.251 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061725.D

Acq: 10 Apr 2019 20:52

Instrument :

MSVOA_D

ClientSampleId :

TP-2-SHALLOWRE

Tot Ion: 75 Resp: 594

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#

