

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
 Data File : VD061994.D
 Acq On : 24 Apr 2019 13:28
 Operator : VA/AP
 Sample : K2515-14
 Misc : 5.25g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-2

Quant Time: Apr 24 13:56:22 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

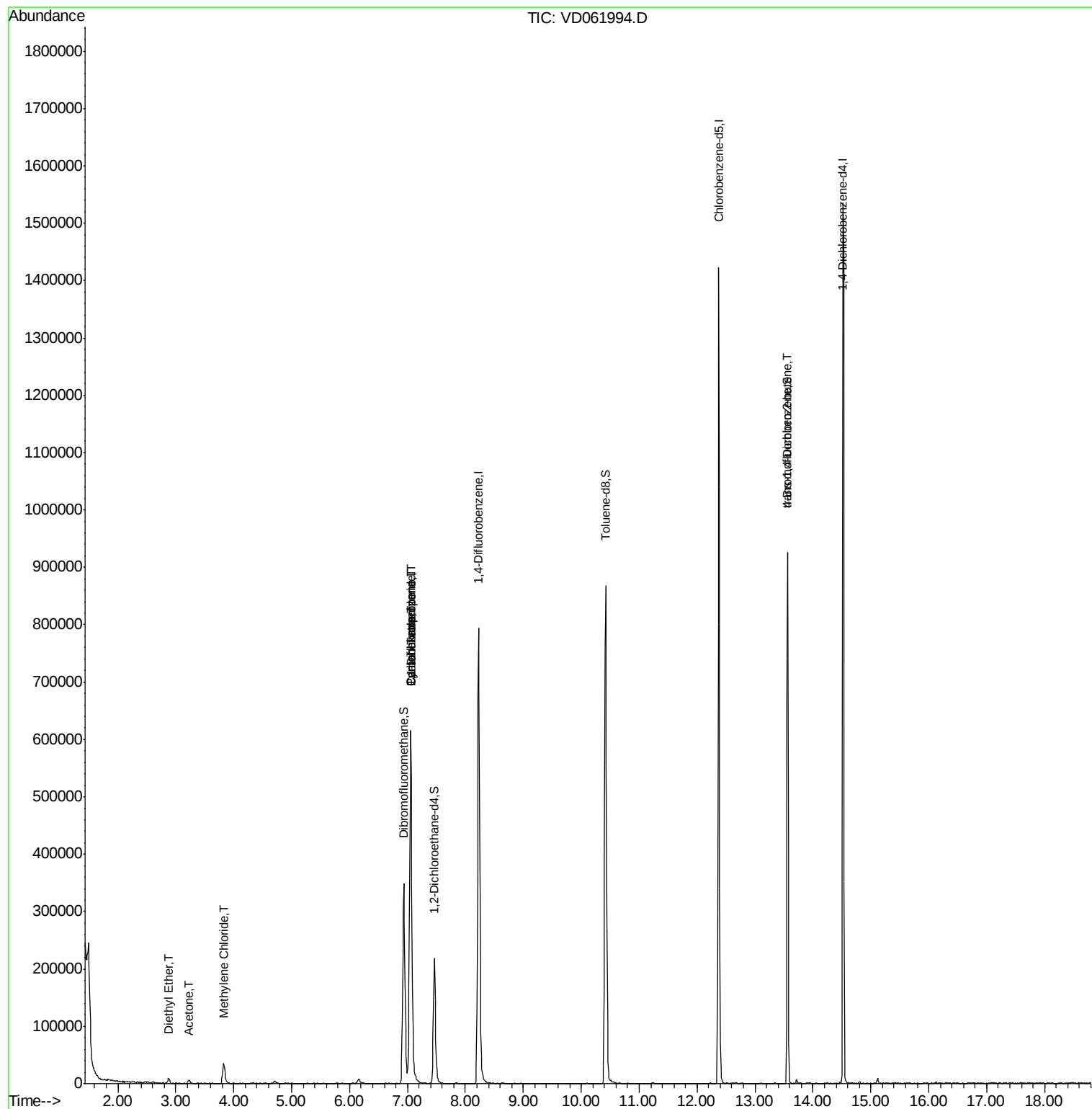
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	647225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1005033	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	853973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	401745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	222822	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
35) Dibromofluoromethane	6.94	113	332527	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.42	98	736517	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	13.56	95	278716	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
8) Diethyl Ether	2.88	74	4675	2.591	ug/l	87
16) Acetone	3.23	43	11089	9.168	ug/l	94
20) Methylene Chloride	3.83	84	26535	1.407	ug/l	96
31) Cyclohexane	7.06	56	11454	1.518	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	45820	5.852	ug/l #	45
38) Carbon Tetrachloride	7.06	117	61349	6.183	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	108913	70.450	ug/l #	16

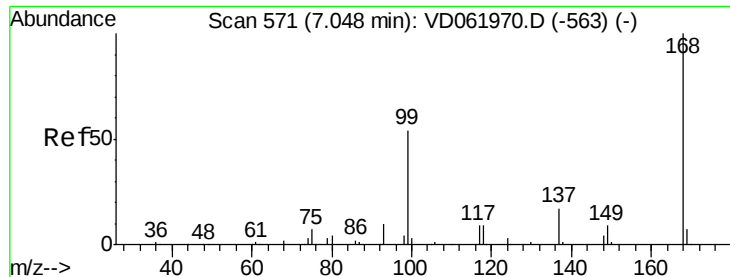
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
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Quant Time: Apr 24 13:56:22 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: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

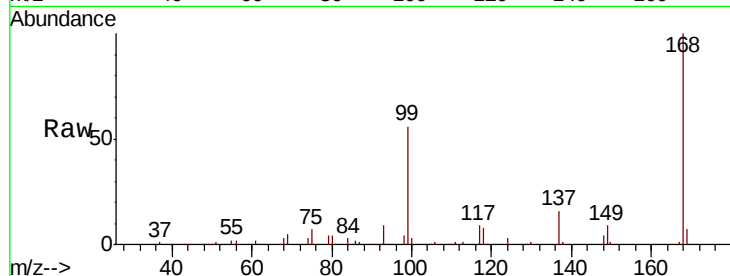
TP-12-2

Tgt Ion:168 Resp: 647225

Ion Ratio Lower Upper

168 100

99 55.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

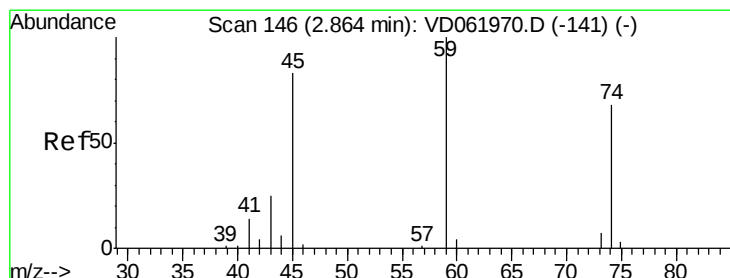
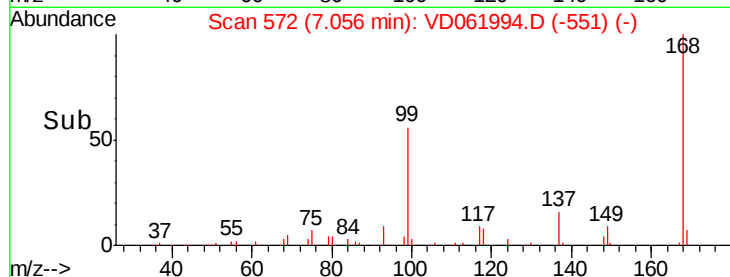
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#8

Diethyl Ether

Concen: 2.591 ug/l

RT: 2.88 min Scan# 148

Delta R.T. 0.00 min

Lab File: VD061994.D

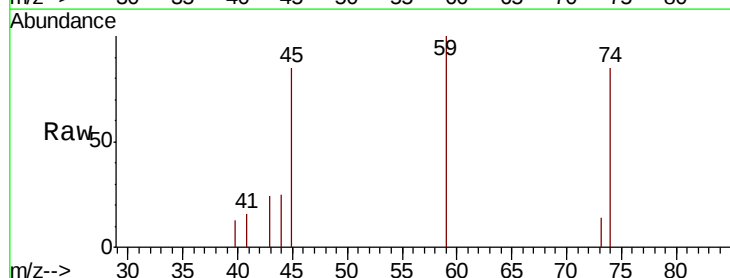
Acq: 24 Apr 2019 13:28

Tgt Ion: 74 Resp: 4675

Ion Ratio Lower Upper

74 100

45 99.8 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

3000

2500

2000

1500

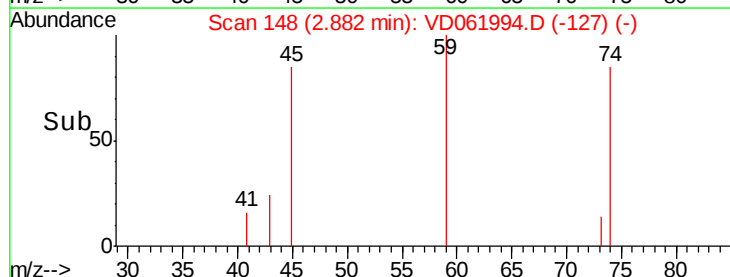
1000

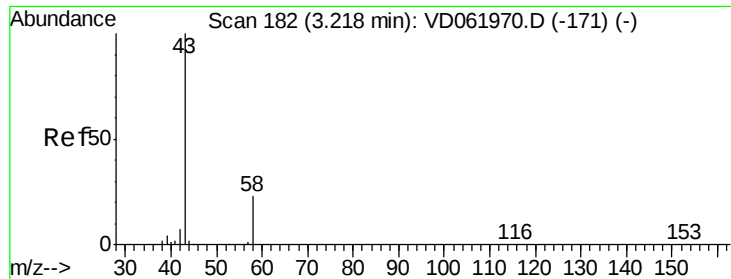
500

0

2.80 2.85 2.90 2.95

Time-->





#16

Acetone

Concen: 9.168 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

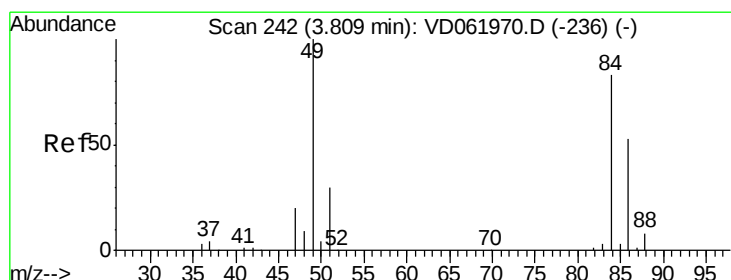
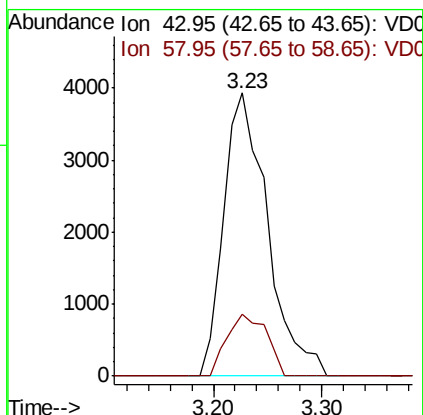
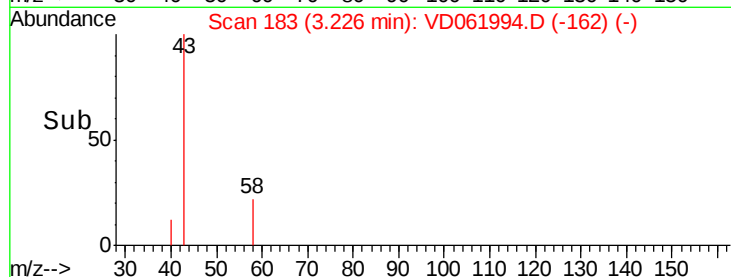
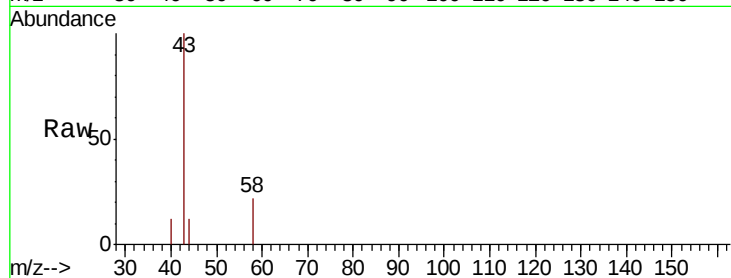
TP-12-2

Tgt Ion: 43 Resp: 11089

Ion Ratio Lower Upper

43 100

58 21.7 19.9 29.9



#20

Methylene Chloride

Concen: 1.407 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

Tgt Ion: 84 Resp: 26535

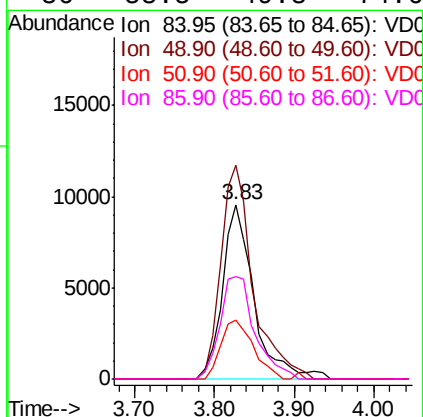
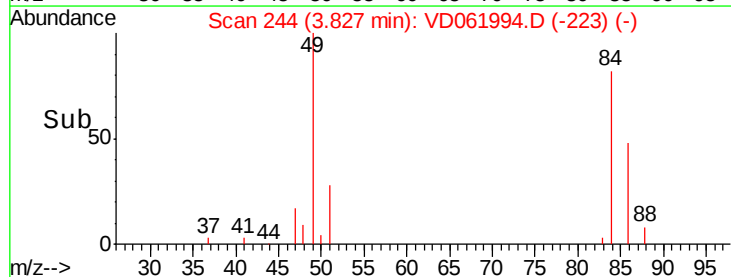
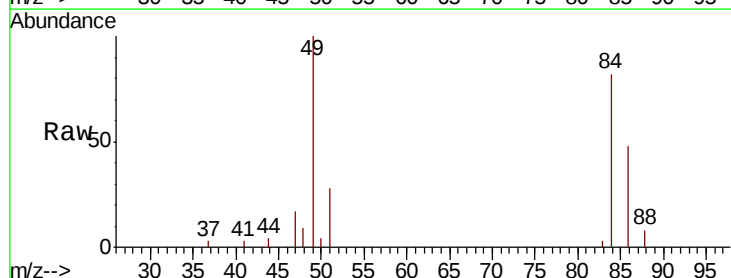
Ion Ratio Lower Upper

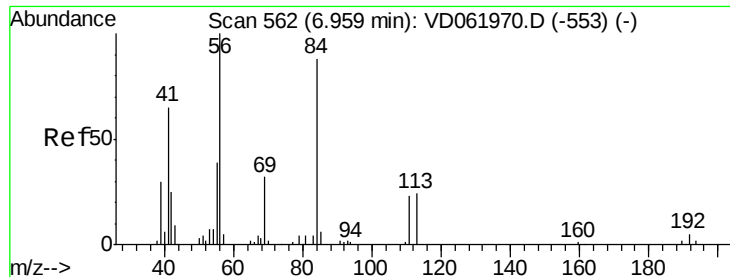
84 100

49 122.4 94.0 141.0

51 33.8 29.0 43.4

86 58.5 49.8 74.6

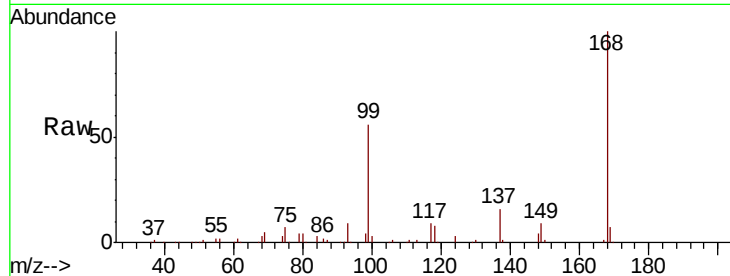




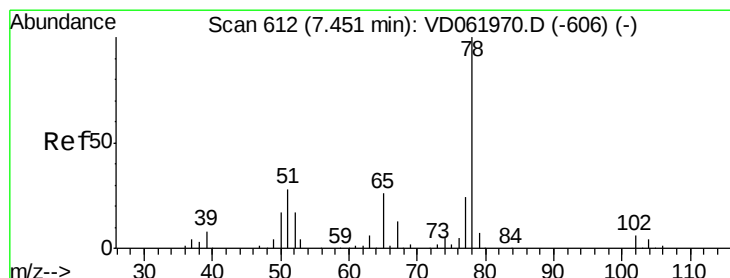
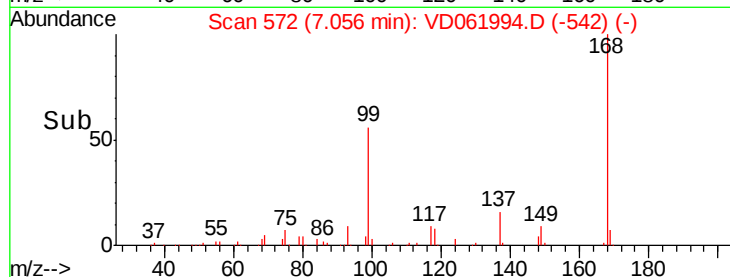
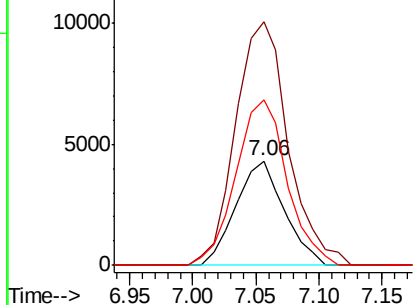
#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD061994.D
Acq: 24 Apr 2019 13:28

Instrument :
MSVOA_D
ClientSampleId :
TP-12-2

Tgt Ion: 56 Resp: 11454
Ion Ratio Lower Upper
56 100
69 232.8 25.8 38.6#
84 158.8 72.2 108.4#

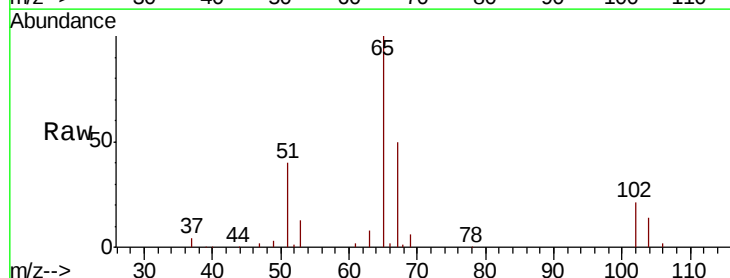


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

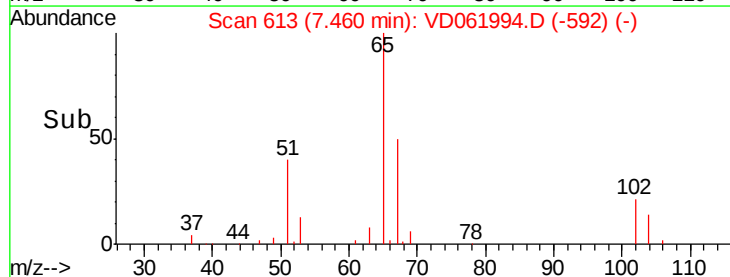
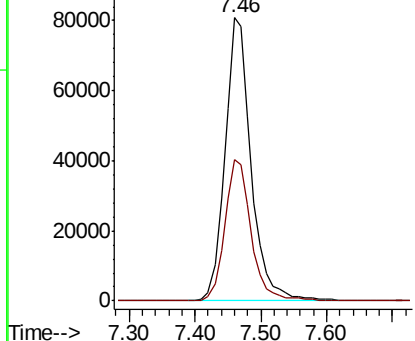


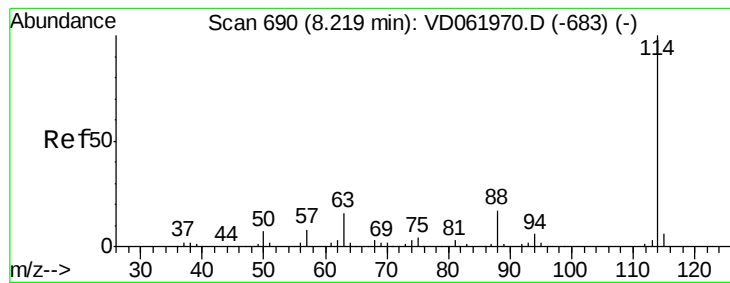
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061994.D
Acq: 24 Apr 2019 13:28

Tgt Ion: 65 Resp: 222822
Ion Ratio Lower Upper
65 100
67 49.9 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: VD061994.D

Acq: 24 Apr 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

TP-12-2

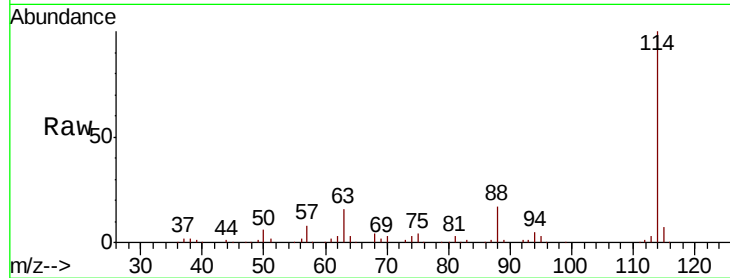
Tgt Ion:114 Resp: 1005033

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

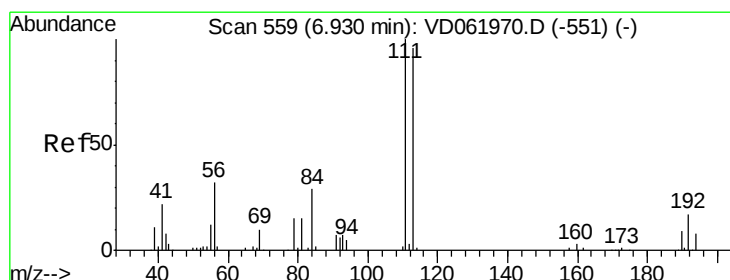
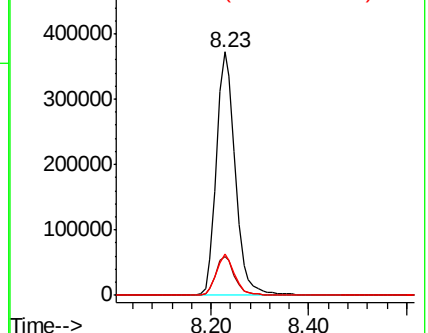
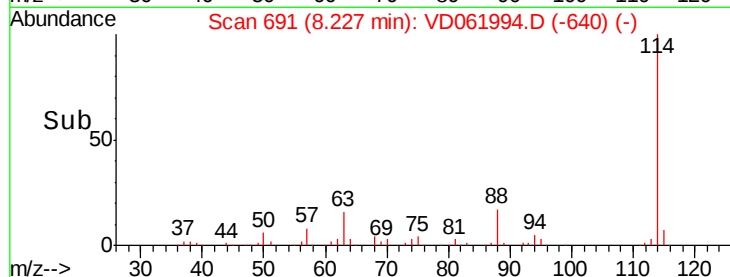
88 17.1 0.0 33.6



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: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

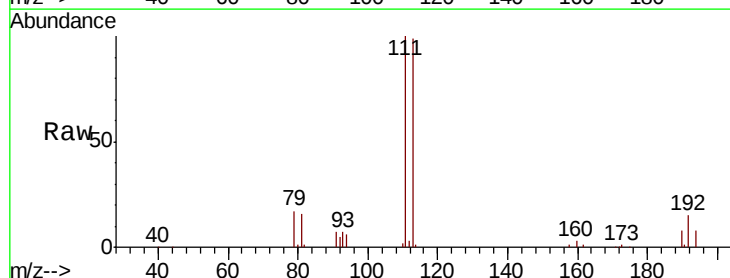
Tgt Ion:113 Resp: 332527

Ion Ratio Lower Upper

113 100

111 101.1 78.5 117.7

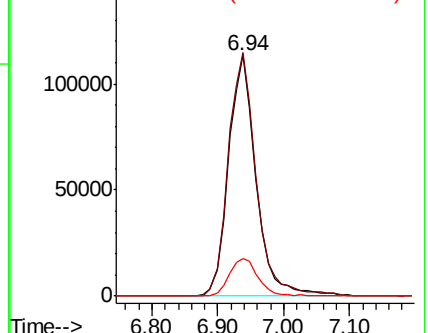
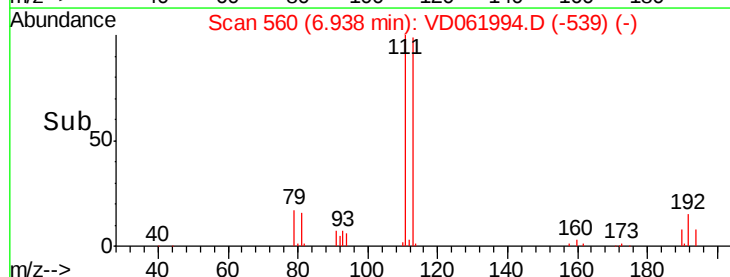
192 15.6 13.0 19.4

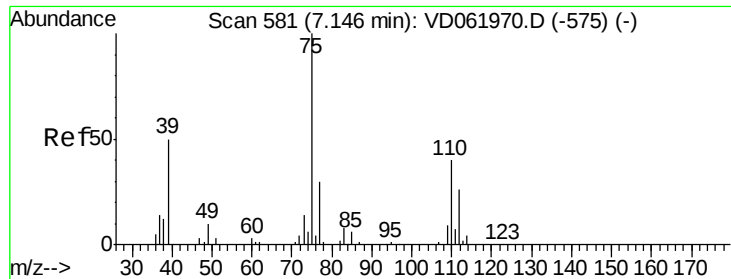


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.852 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.09 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

TP-12-2

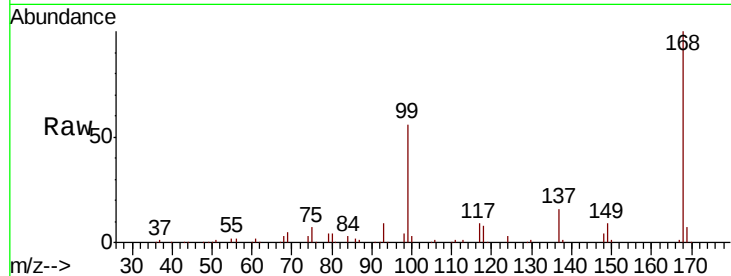
Tgt Ion: 75 Resp: 45820

Ion Ratio Lower Upper

75 100

110 6.7 19.1 57.1#

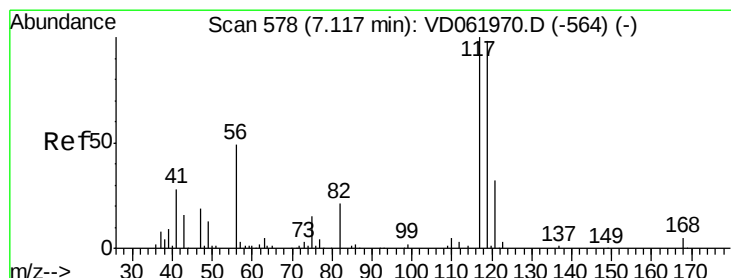
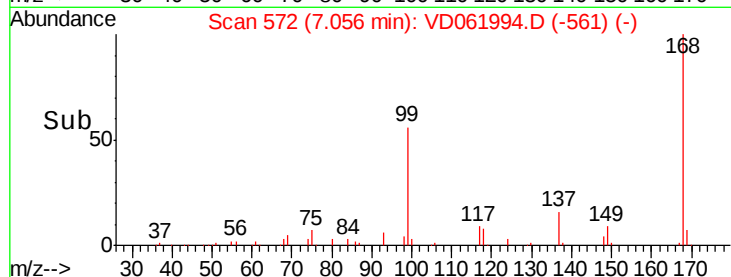
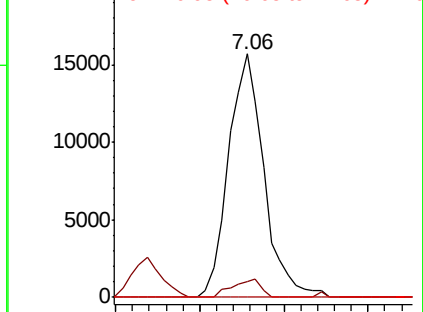
77 0.0 25.6 38.4#



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: 6.183 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.07 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

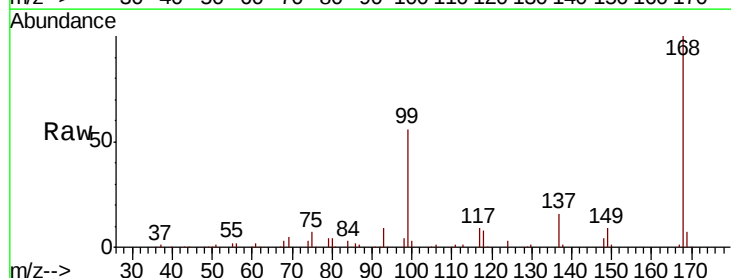
Tgt Ion: 117 Resp: 61349

Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.8#

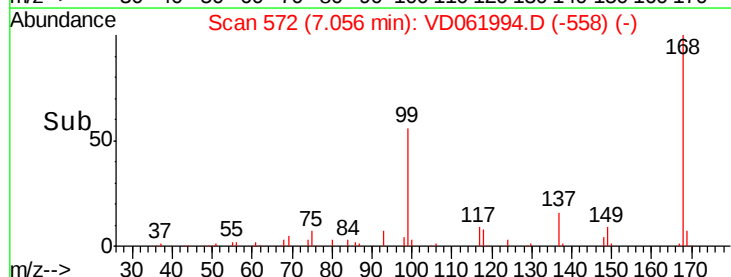
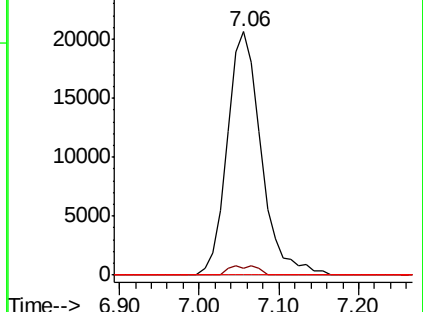
121 0.0 25.9 38.9#

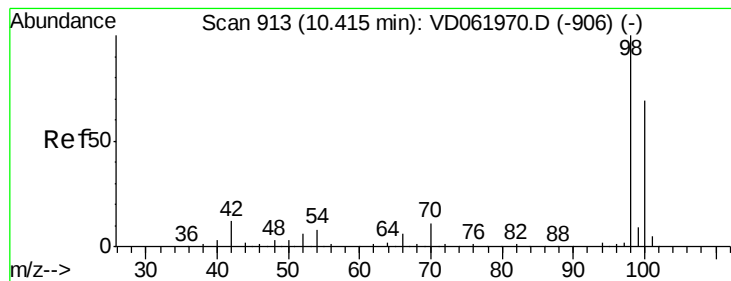


Abundance Ion 116.85 (116.55 to 117.55): V

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: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

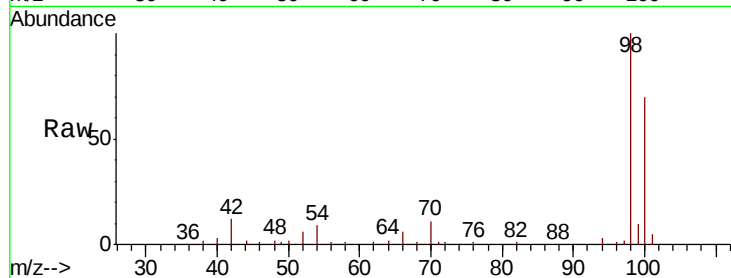
TP-12-2

Tgt Ion: 98 Resp: 736517

Ion Ratio Lower Upper

98 100

100 69.9 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) (-)

10.42

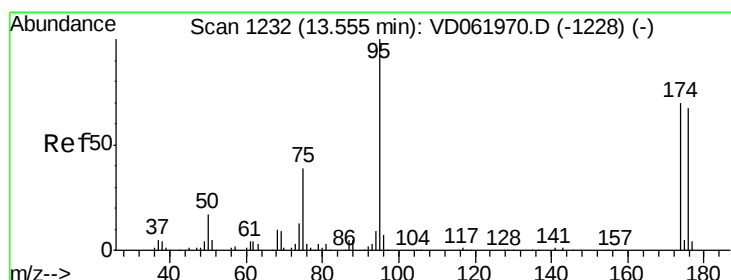
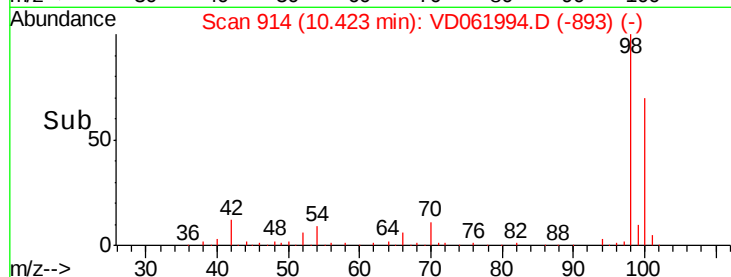
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

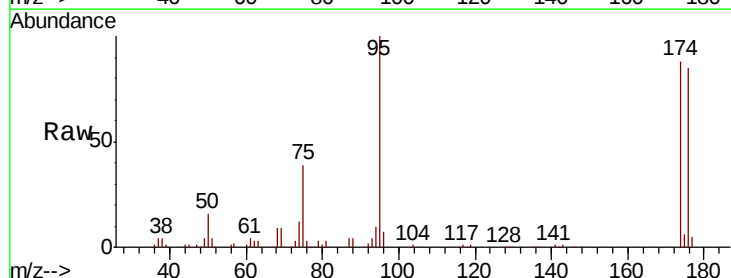
Tgt Ion: 95 Resp: 278716

Ion Ratio Lower Upper

95 100

174 87.9 0.0 181.8

176 85.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

250000

200000

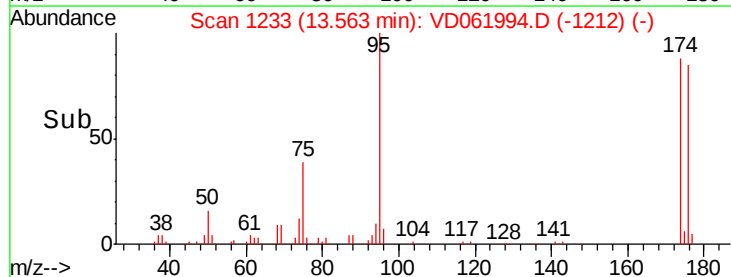
150000

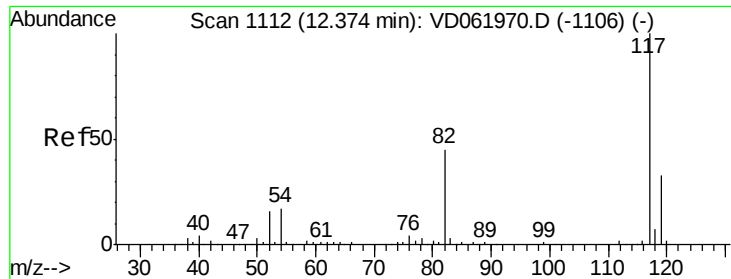
100000

50000

0

Time-->

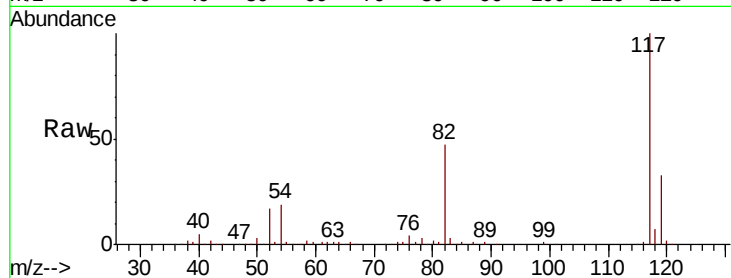




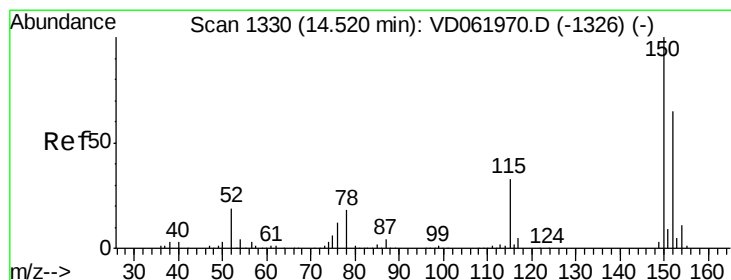
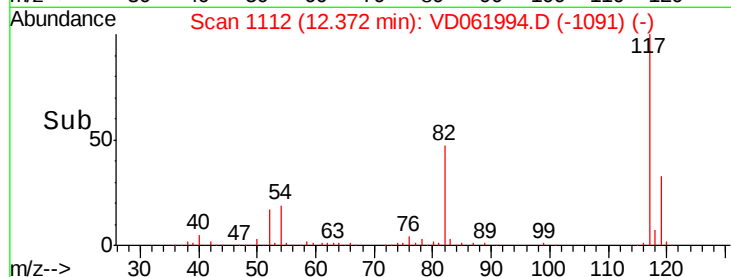
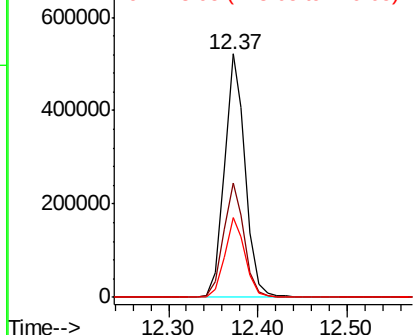
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061994.D
Acq: 24 Apr 2019 13:28

Instrument :
MSVOA_D
ClientSampleId :
TP-12-2

Tgt Ion:117 Resp: 853973
Ion Ratio Lower Upper
117 100
82 47.1 36.2 54.2
119 32.7 26.2 39.4

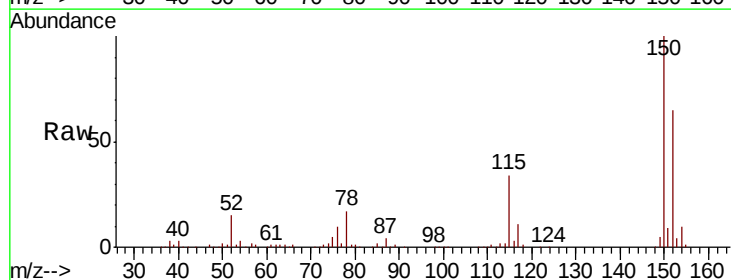


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

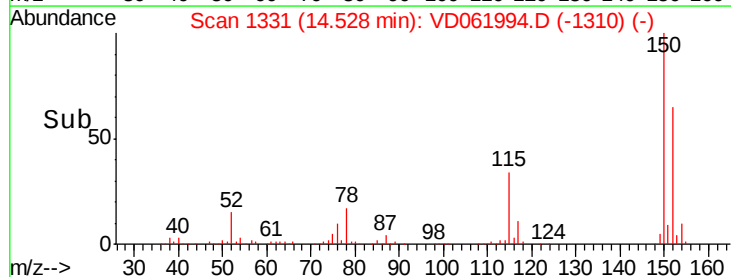
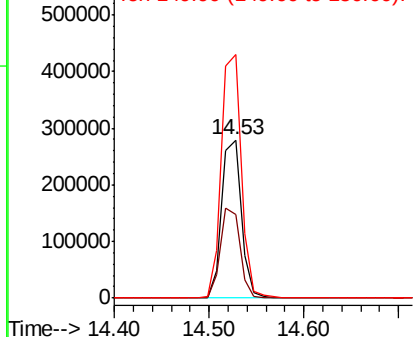


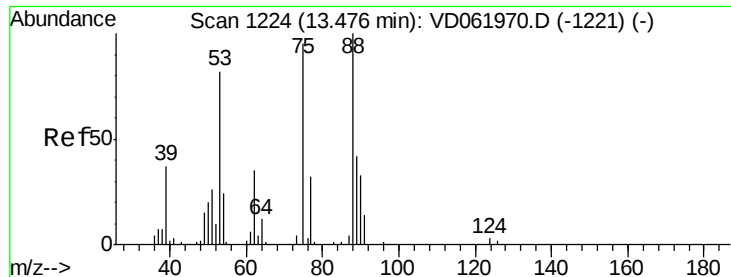
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061994.D
Acq: 24 Apr 2019 13:28

Tgt Ion:152 Resp: 401745
Ion Ratio Lower Upper
152 100
115 52.8 30.9 92.7
150 154.1 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: 70.450 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061994.D

Acq: 24 Apr 2019 13:28

Instrument :

MSVOA_D

ClientSampleId :

TP-12-2

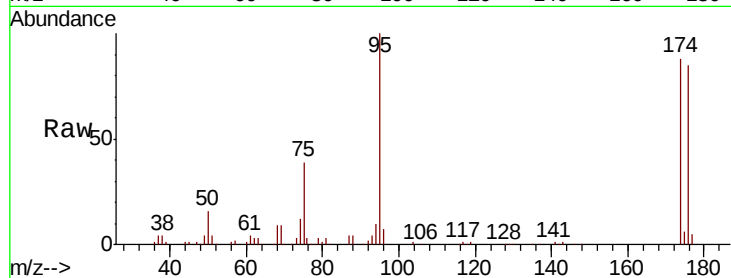
Tgt Ion: 75 Resp: 108913

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

