

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061664.D
 Acq On : 8 Apr 2019 21:47
 Operator : VA/AP
 Sample : K2317-15
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:23:41 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

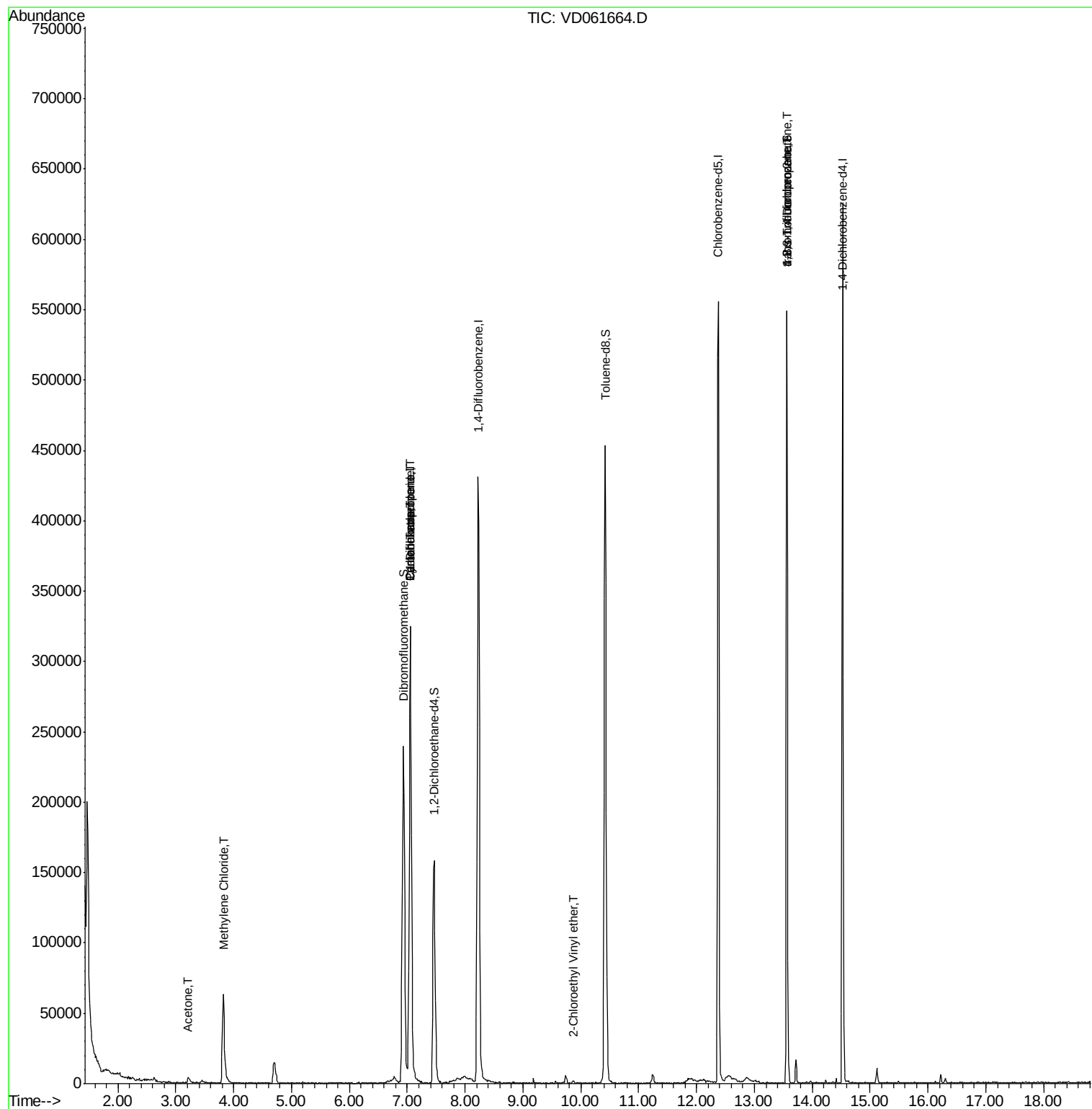
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	318288	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	521407	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	364373	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	149110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	154229	63.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	127.86%	
35) Dibromofluoromethane	6.93	113	219137	60.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	121.34%	
50) Toluene-d8	10.42	98	408057	44.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.92%	
62) 4-Bromofluorobenzene	13.56	95	165219	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
Target Compounds						
16) Acetone	3.21	43	8438	11.700	ug/l	93
20) Methylene Chloride	3.82	84	47203	11.534	ug/l	96
31) Cyclohexane	7.05	56	5381	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	23391	5.126	ug/l #	47
38) Carbon Tetrachloride	7.05	117	30170	5.641	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.87	63	1452	1.258	ug/l #	46
76) 1,2,3-Trichloropropane	13.56	75	44174	21.775	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	59693	96.967	ug/l #	20

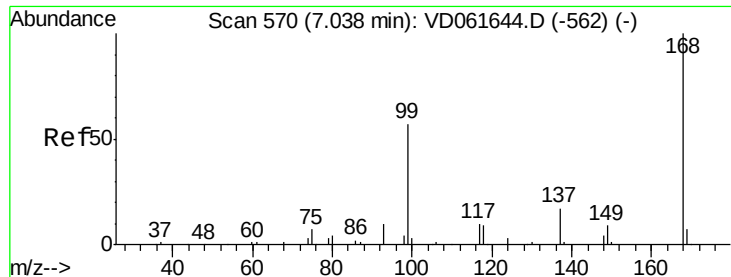
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

Instrument :

MSVOA_D

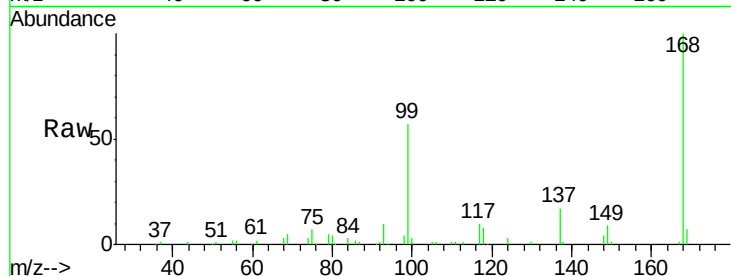
ClientSampleId :

Tot Ion:168 Resp: 318288

Ion Ratio Lower Upper

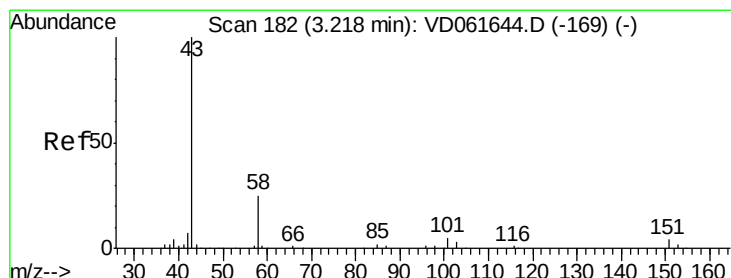
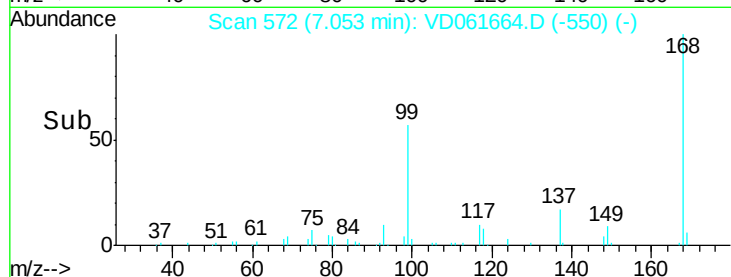
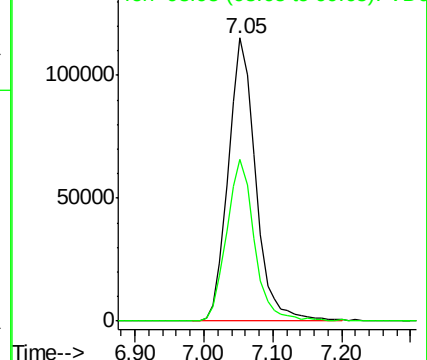
168 100

99 57.2 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: 11.700 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061664.D

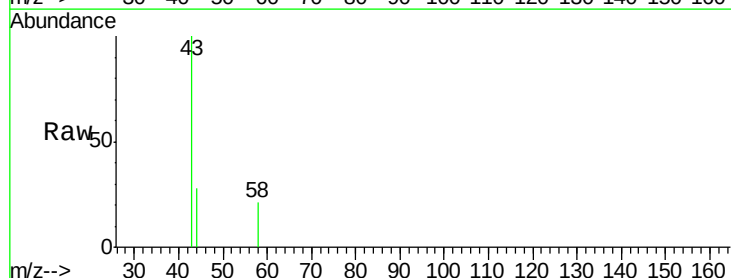
Acq: 8 Apr 2019 21:47

Tgt Ion: 43 Resp: 8438

Ion Ratio Lower Upper

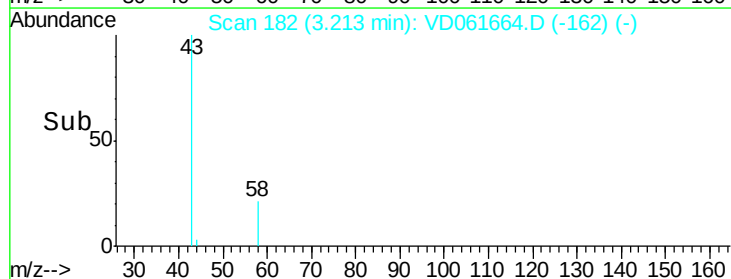
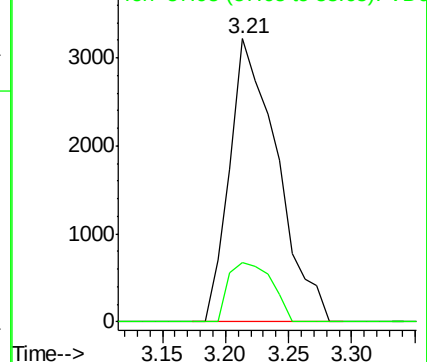
43 100

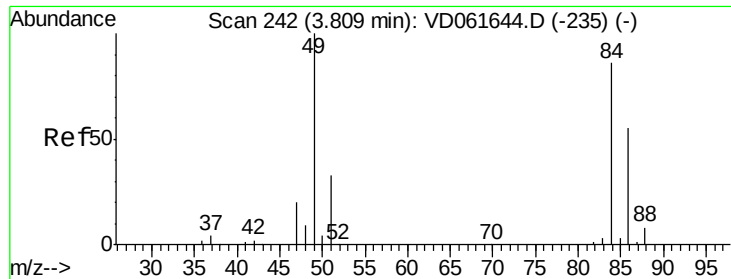
58 20.9 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

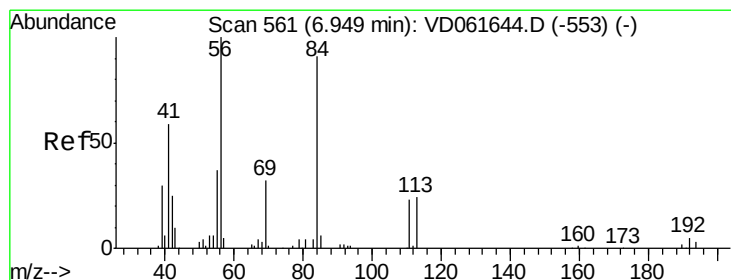
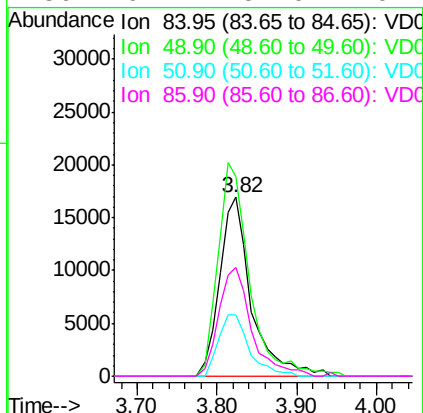
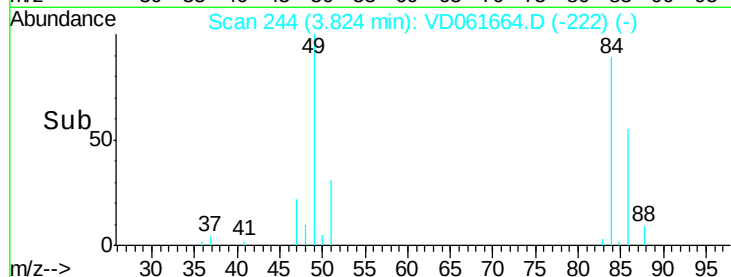
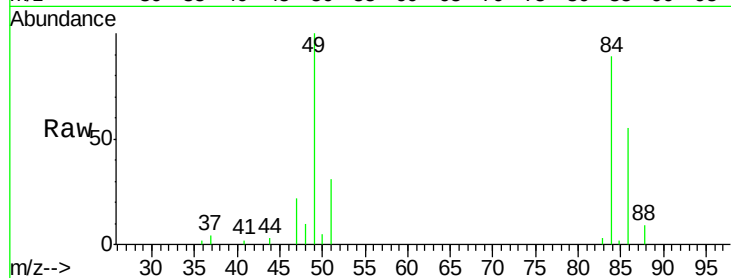




#20
Methylene Chloride
Concen: 11.534 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

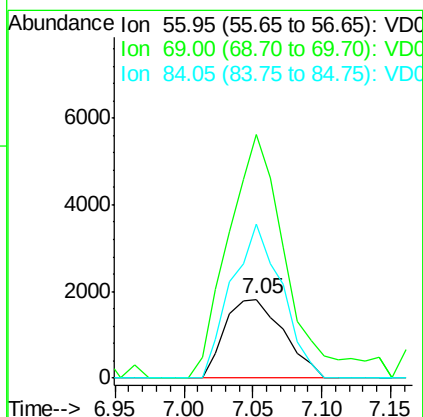
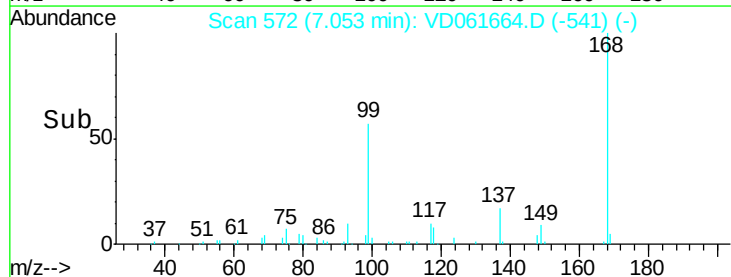
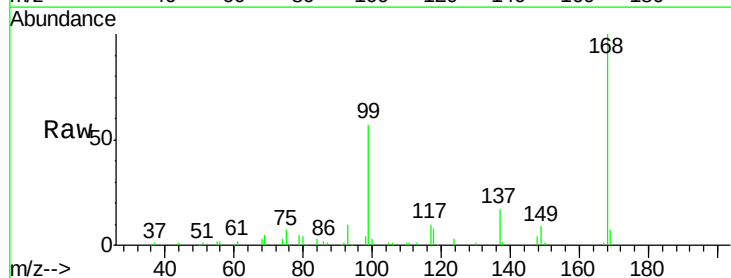
Instrument :
MSVOA_D
ClientSampleId :

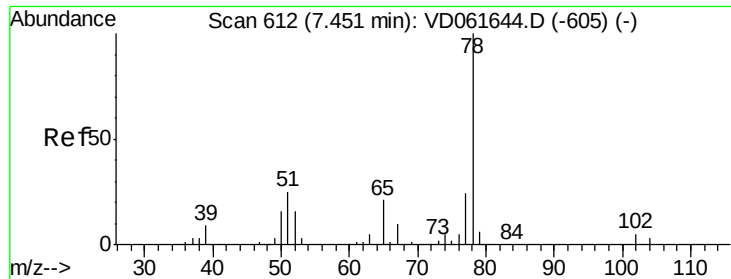
Tot Ion: 84 Resp: 47203
Ion Ratio Lower Upper
84 100
49 111.8 93.0 139.4
51 34.3 30.4 45.6
86 61.1 51.0 76.4



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Tgt Ion: 56 Resp: 5381
Ion Ratio Lower Upper
56 100
69 308.1 25.8 38.6#
84 194.1 74.2 111.2#

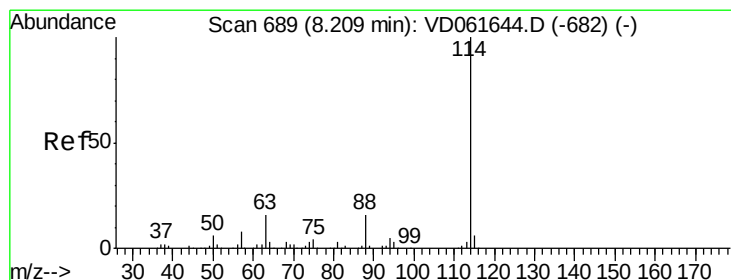
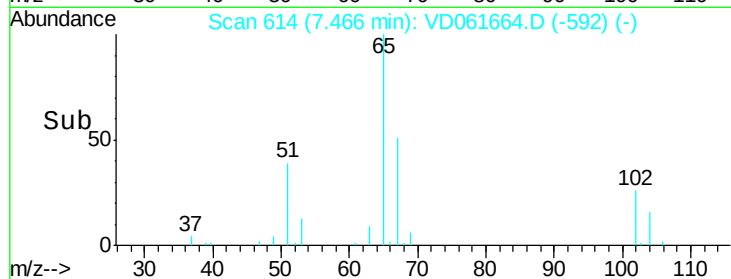
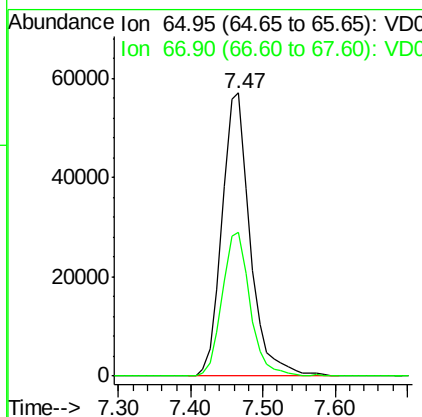
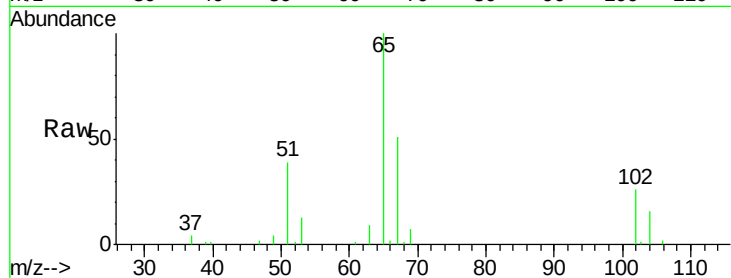




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD061664.D
 Acq: 8 Apr 2019 21:47

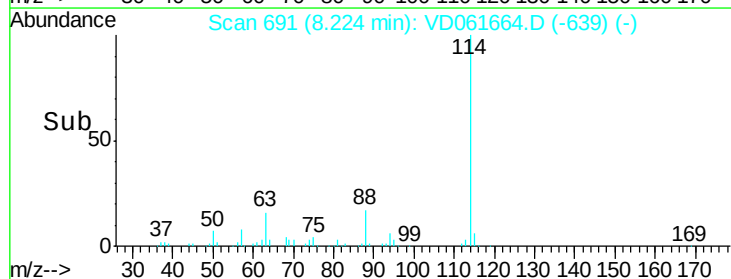
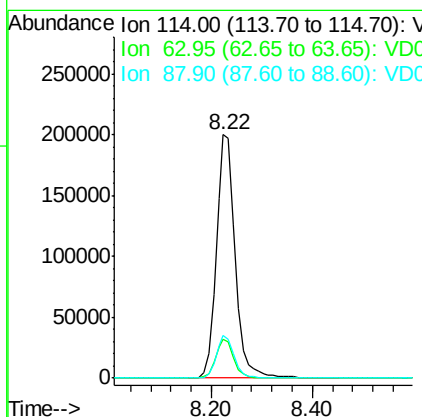
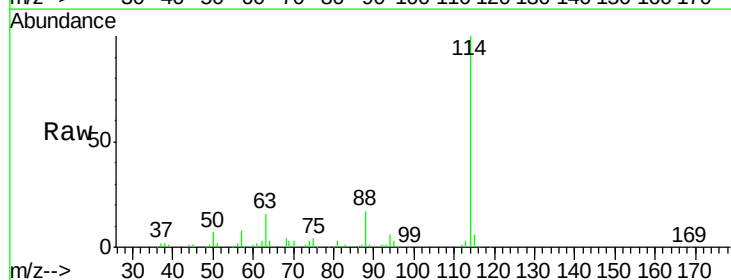
Instrument :
 MSVOA_D
 ClientSampleId :

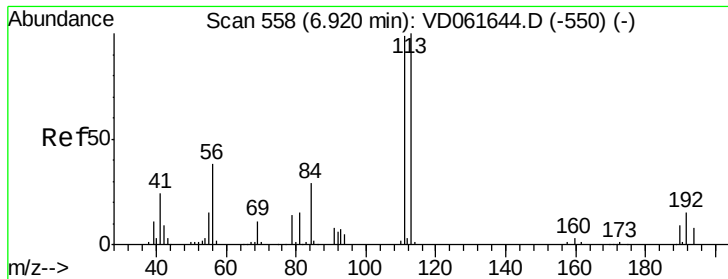
Tot Ion: 65 Resp: 154229
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061664.D
 Acq: 8 Apr 2019 21:47

Tgt Ion: 114 Resp: 521407
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 17.3 0.0 31.8

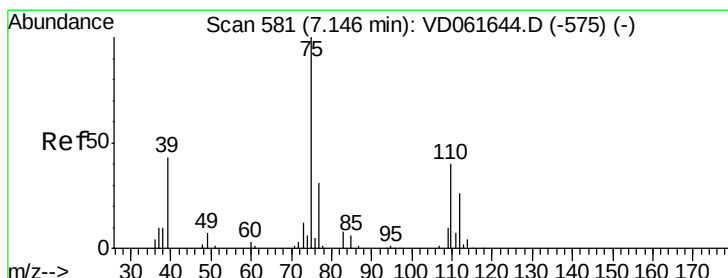
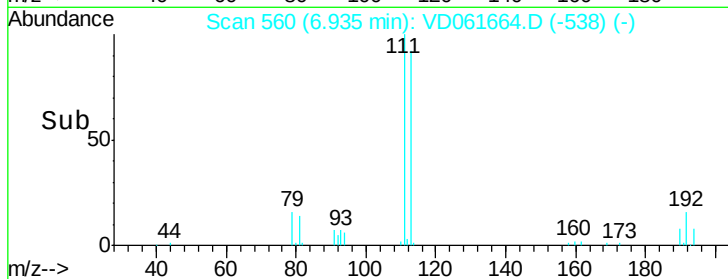
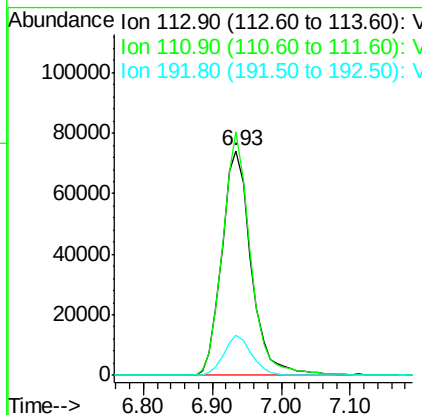
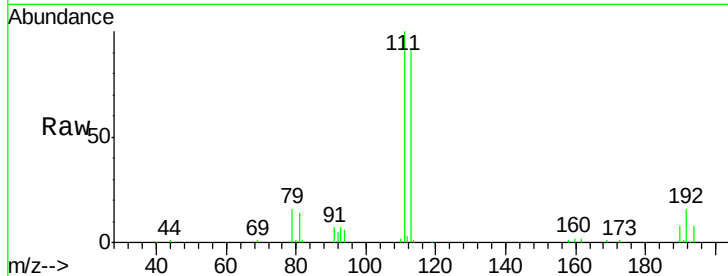




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061664.D
 Acq: 8 Apr 2019 21:47

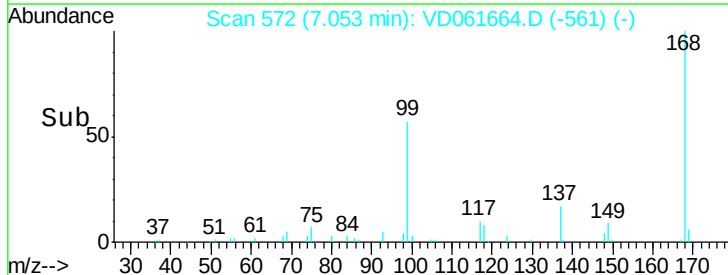
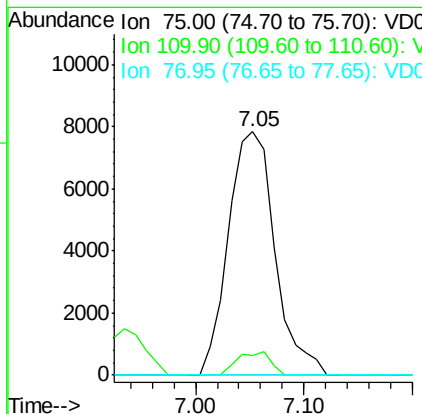
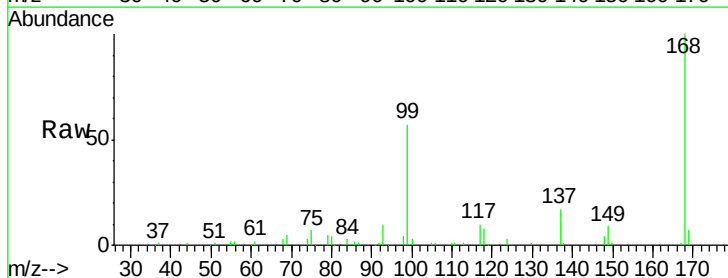
Instrument :
 MSVOA_D
 ClientSampleID :

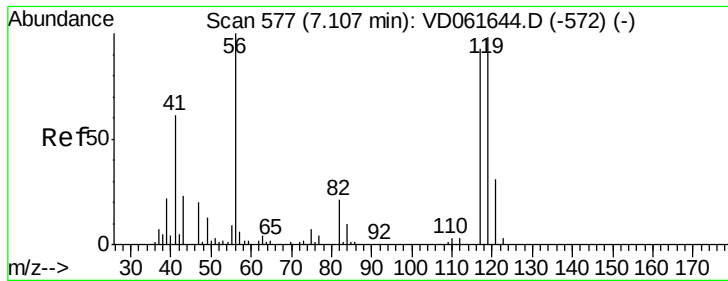
Tot Ion:113 Resp: 219137
 Ion Ratio Lower Upper
 113 100
 111 108.2 79.3 118.9
 192 17.8 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 5.126 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061664.D
 Acq: 8 Apr 2019 21:47

Tgt Ion: 75 Resp: 23391
 Ion Ratio Lower Upper
 75 100
 110 8.1 19.7 59.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.641 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.05 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

Instrument :

MSVOA_D

ClientSampleId :

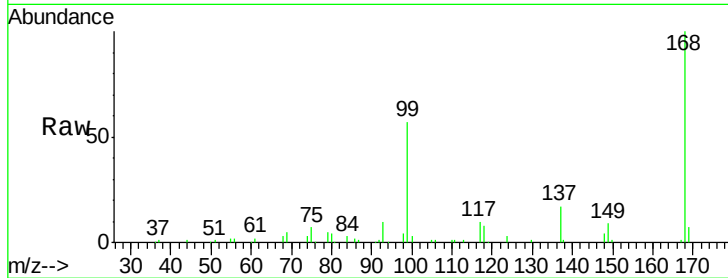
Tot Ion:117 Resp: 30170

Ion Ratio Lower Upper

117 100

119 3.4 77.9 116.9#

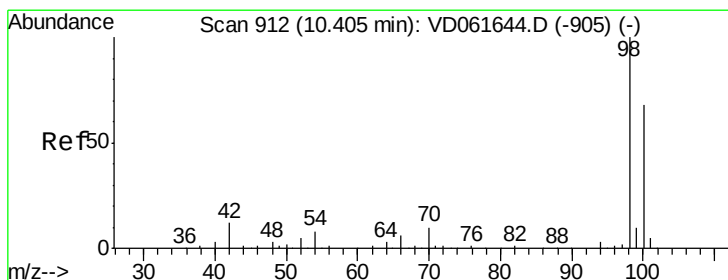
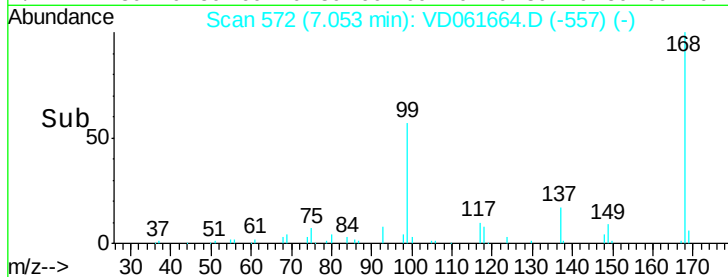
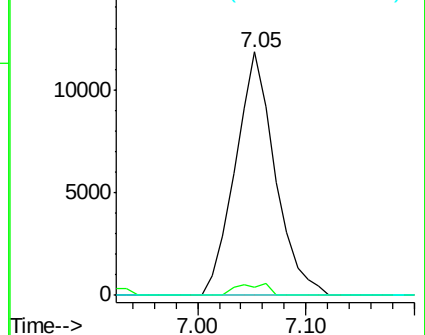
121 0.0 24.7 37.1#



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: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061664.D

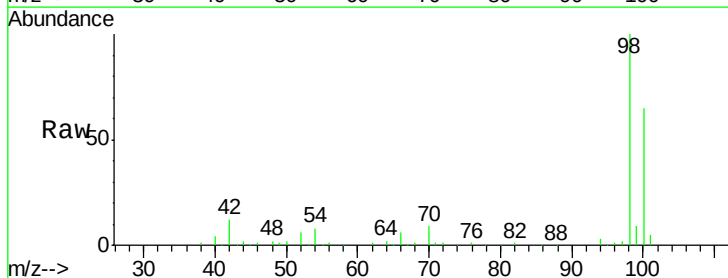
Acq: 8 Apr 2019 21:47

Tgt Ion: 98 Resp: 408057

Ion Ratio Lower Upper

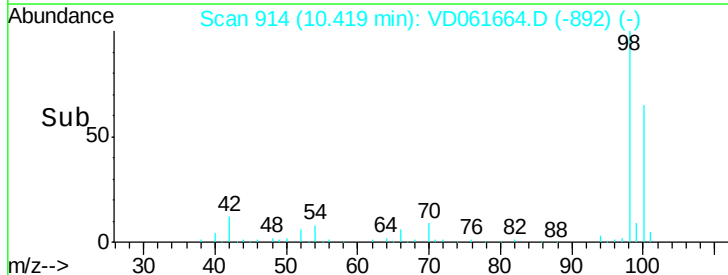
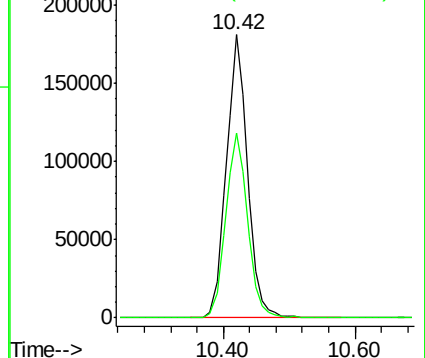
98 100

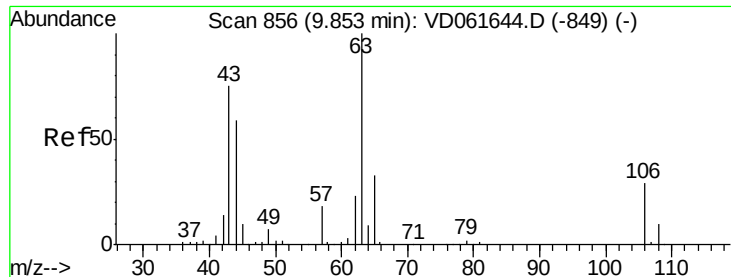
100 65.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#58

2-Chloroethyl Vinyl ether

Concen: 1.258 ug/l

RT: 9.87 min Scan# 858

Delta R.T. 0.01 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

Instrument :

MSVOA_D

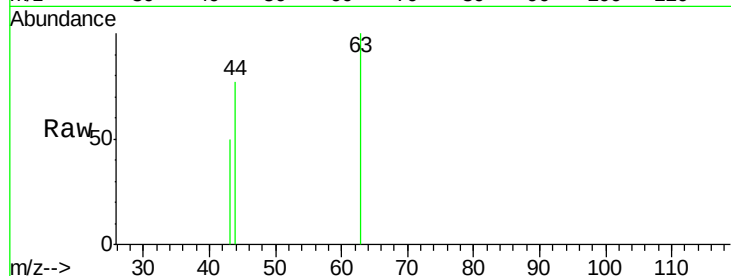
ClientSampleId :

Tot Ion: 63 Resp: 1452

Ion Ratio Lower Upper

63 100

106 0.0 23.0 34.6#



Abundance Ion 62.95 (62.65 to 63.65): VD0

Ion 105.95 (105.65 to 106.65): V

9.87

800

600

400

200

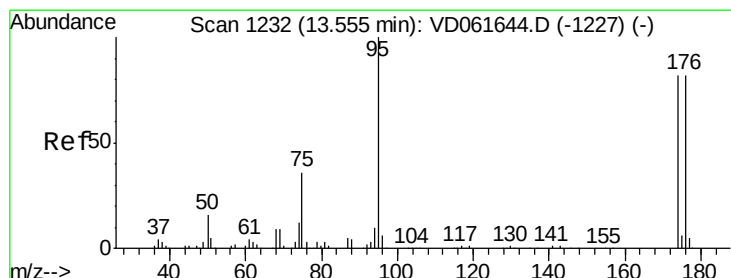
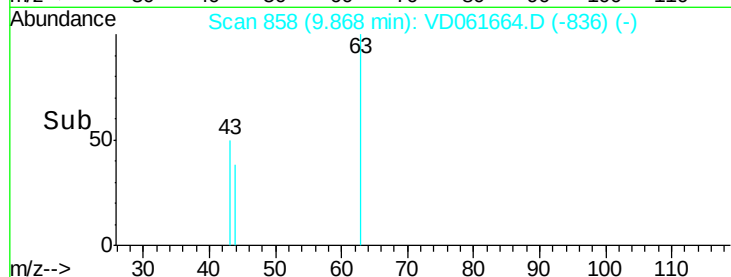
0

9.80

9.85

9.90

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

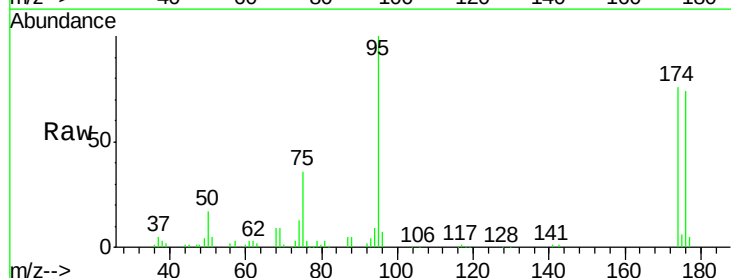
Tgt Ion: 95 Resp: 165219

Ion Ratio Lower Upper

95 100

174 75.7 0.0 164.6

176 74.4 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

13.56

150000

100000

50000

0

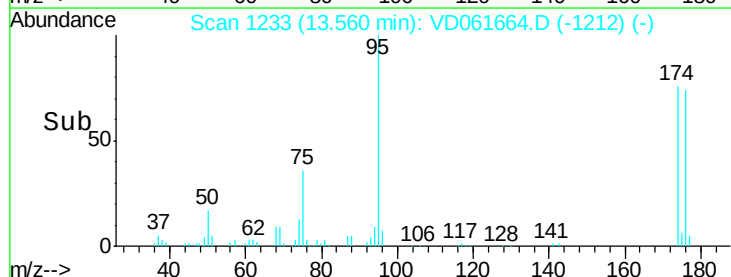
13.50

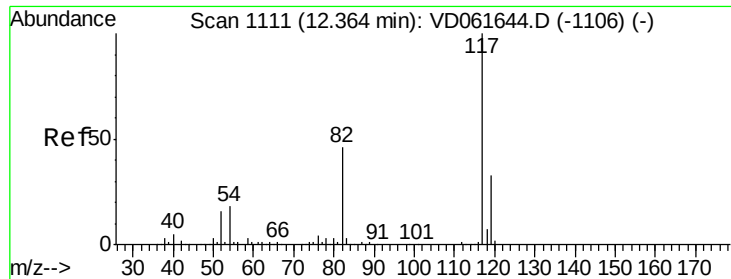
13.55

13.60

13.65

Time-->

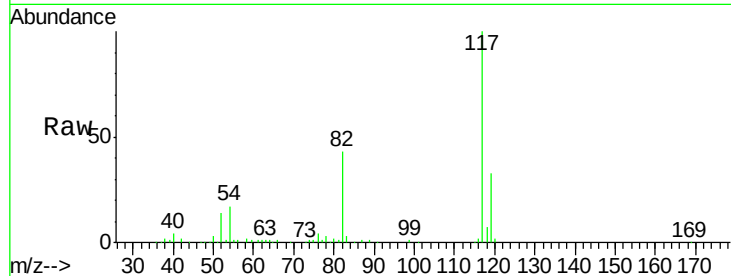




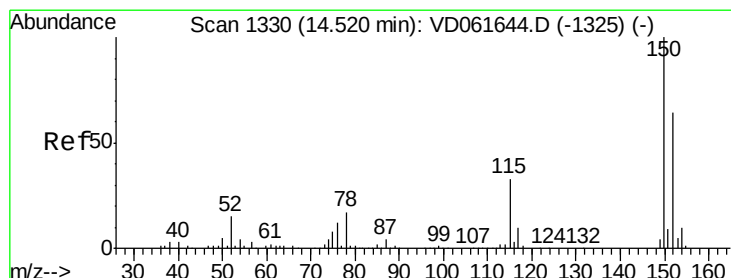
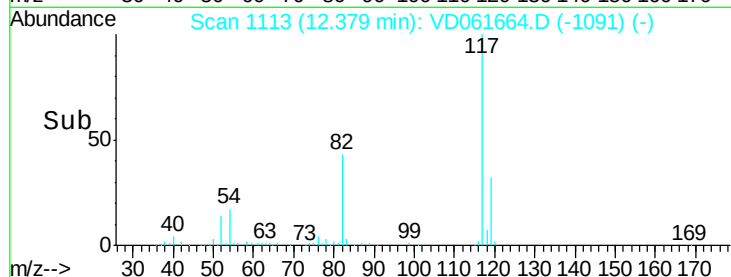
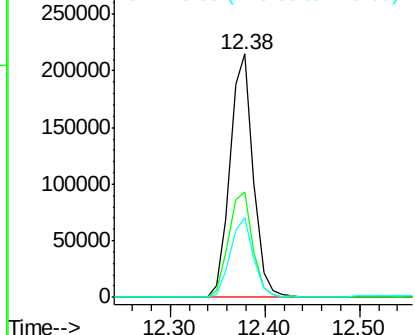
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:117 Resp: 364373
Ion Ratio Lower Upper
117 100
82 43.3 36.8 55.2
119 32.7 26.1 39.1

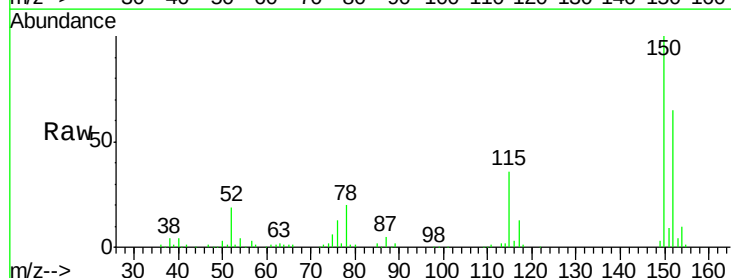


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

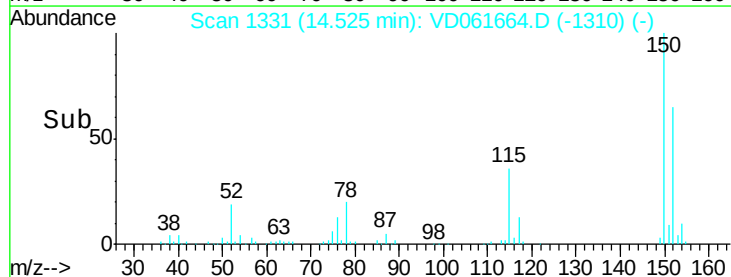
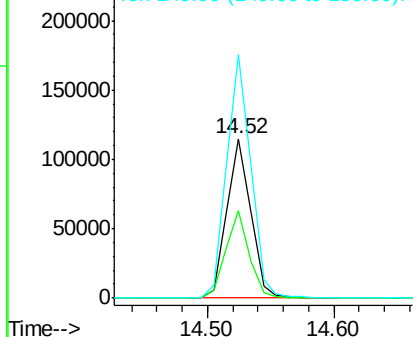


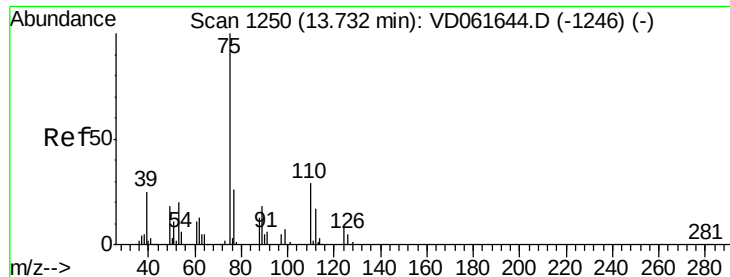
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Tgt Ion:152 Resp: 149110
Ion Ratio Lower Upper
152 100
115 55.0 26.4 79.2
150 152.9 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: 21.775 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

Instrument :

MSVOA_D

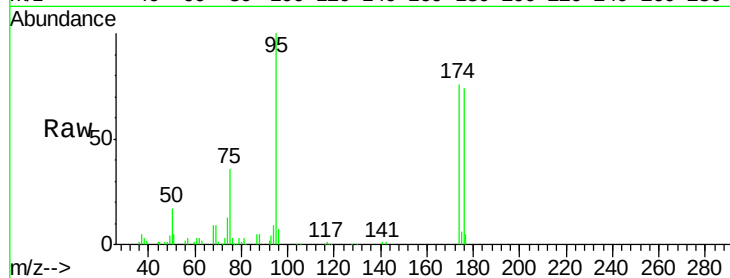
ClientSampled :

Tot Ion: 75 Resp: 44174

Ion Ratio Lower Upper

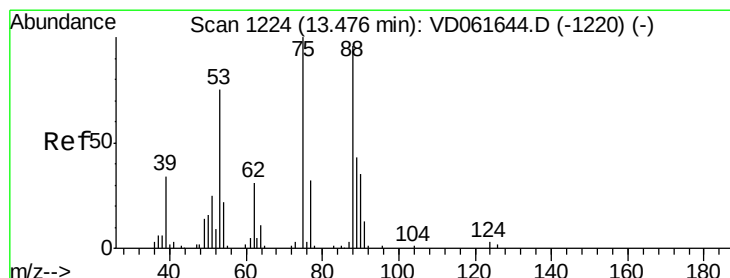
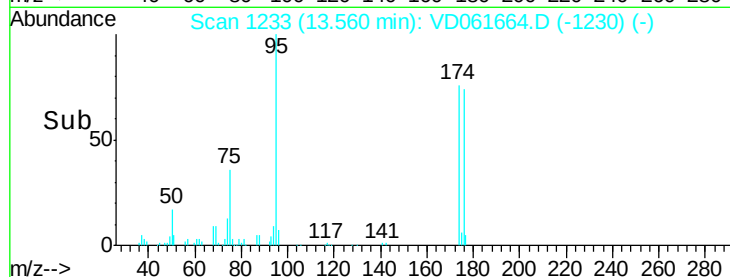
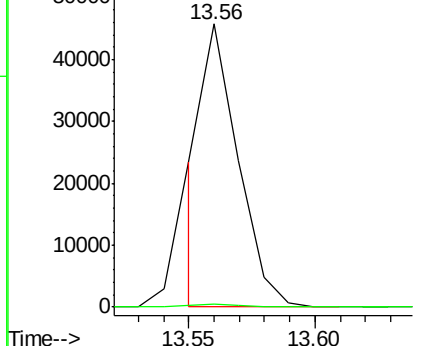
75 100

77 1.2 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: 96.967 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

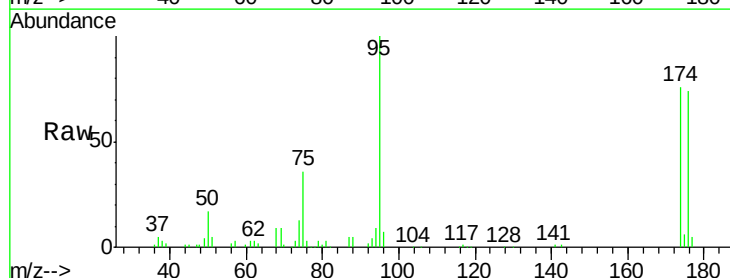
Tgt Ion: 75 Resp: 59693

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

