

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061655.D
 Acq On : 8 Apr 2019 17:14
 Operator : VA/AP
 Sample : K2240-09
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:21:37 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

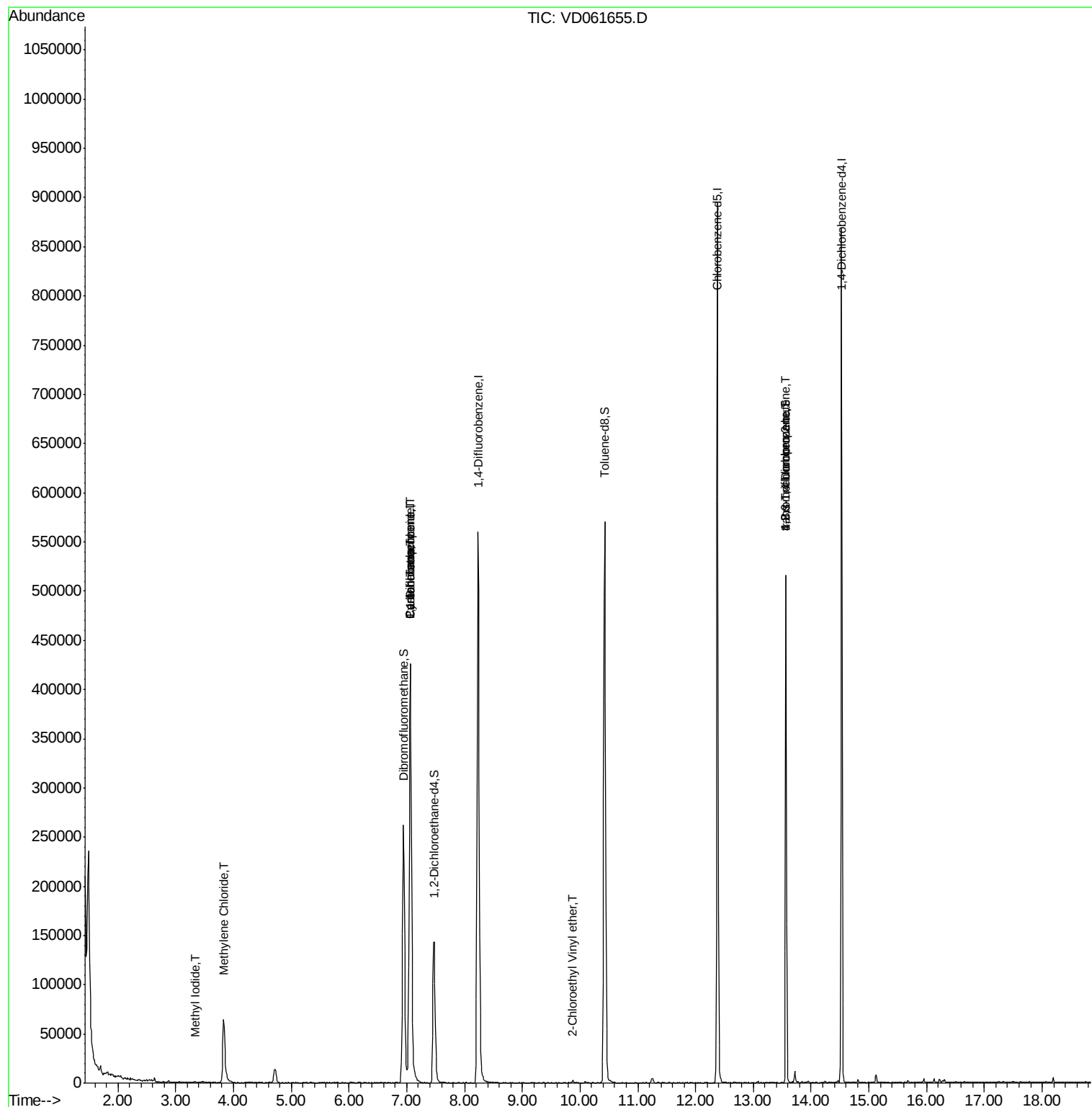
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	453832	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	729337	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	555391	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	190065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	145324	42.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.50%	
35) Dibromofluoromethane	6.94	113	244671	48.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.43	98	497604	39.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.40%	
62) 4-Bromofluorobenzene	13.56	95	177238	37.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.42%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.33	142	789	3.744	ug/l #	38
20) Methylene Chloride	3.83	84	51758	8.870	ug/l	96
31) Cyclohexane	7.06	56	6715	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	32126	5.033	ug/l #	46
38) Carbon Tetrachloride	7.06	117	43353	5.795	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.88	63	1728	1.070	ug/l #	46
76) 1,2,3-Trichloropropane	13.56	75	55914	21.623	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.56	75	64717	82.475	ug/l #	20

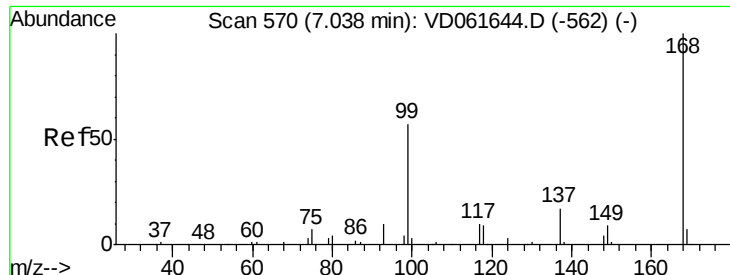
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040819\
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ClientSampleId :

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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: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

Instrument :

MSVOA_D

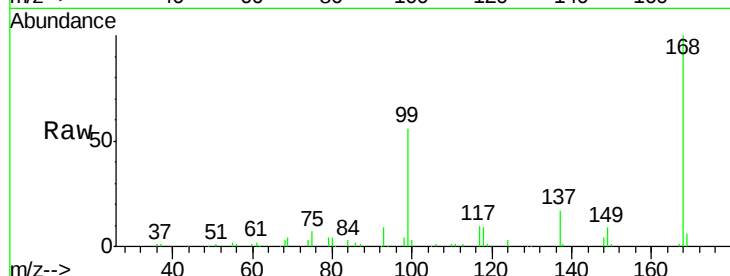
ClientSampleId :

Tot Ion:168 Resp: 453832

Ion Ratio Lower Upper

168 100

99 56.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

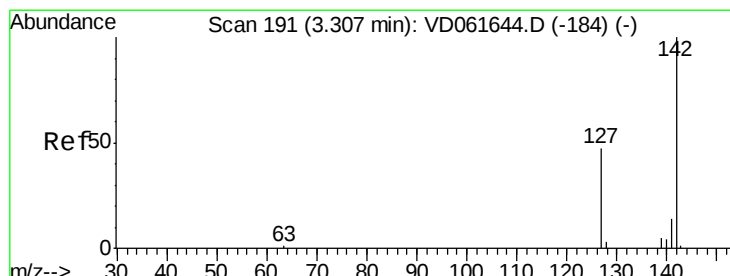
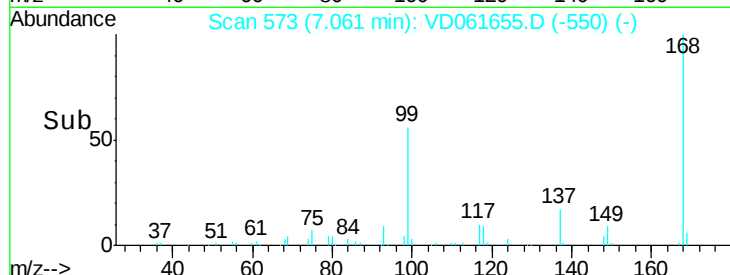
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.744 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.02 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

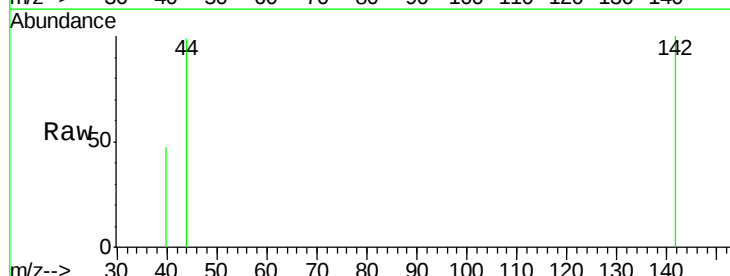
Tgt Ion:142 Resp: 789

Ion Ratio Lower Upper

142 100

127 0.0 37.2 55.8#

141 0.0 10.8 16.2#



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

800

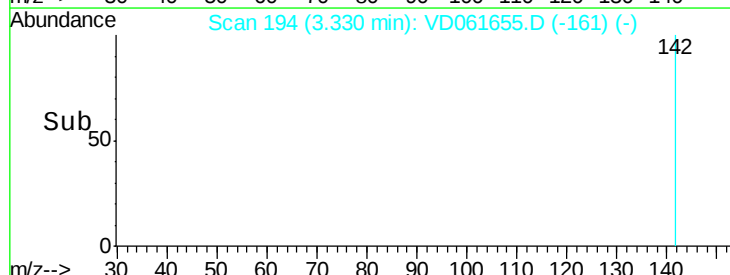
600

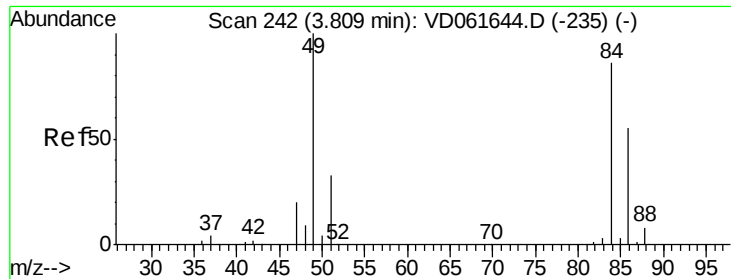
400

200

0

Time--> 3.30 3.35

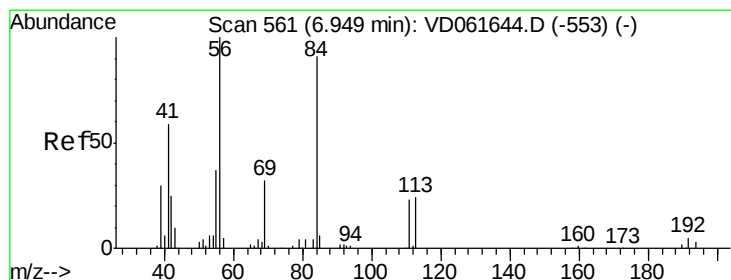
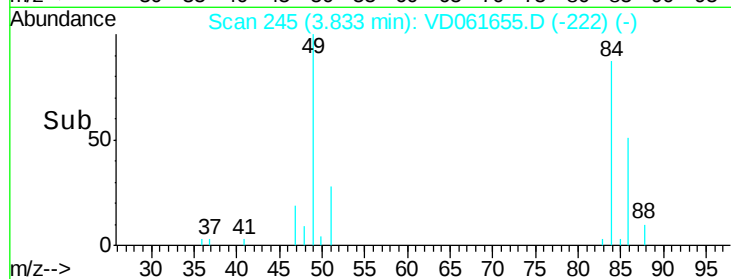
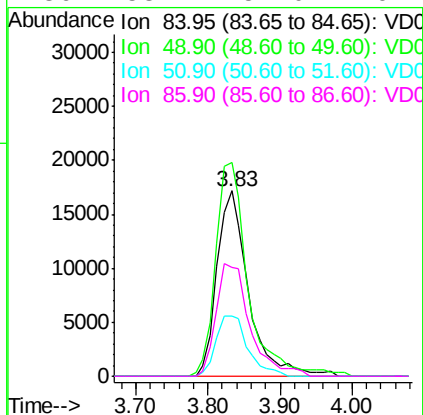
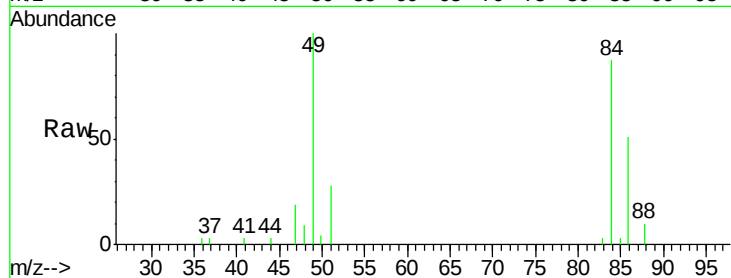




#20
Methylene Chloride
Concen: 8.870 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061655.D
Acq: 8 Apr 2019 17:14

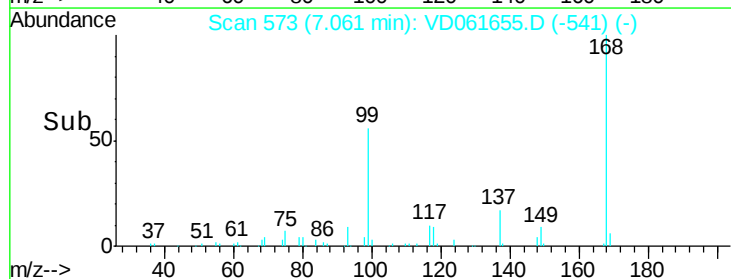
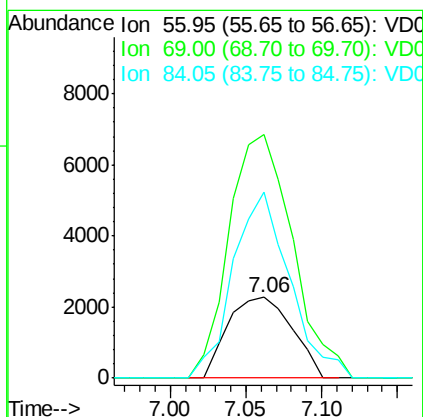
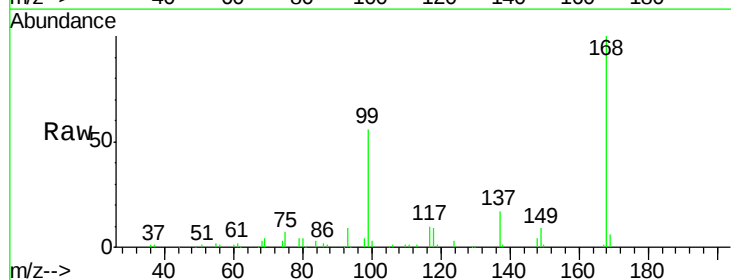
Instrument :
MSVOA_D
ClientSampleId :

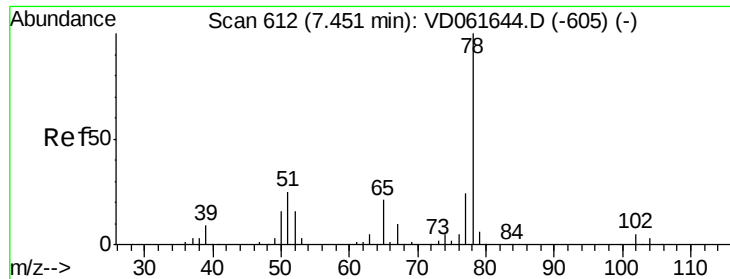
Tot Ion: 84 Resp: 51758
Ion Ratio Lower Upper
84 100
49 115.5 93.0 139.4
51 32.6 30.4 45.6
86 58.7 51.0 76.4



#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.11 min
Lab File: VD061655.D
Acq: 8 Apr 2019 17:14

Tgt Ion: 56 Resp: 6715
Ion Ratio Lower Upper
56 100
69 302.5 25.8 38.6#
84 231.6 74.2 111.2#

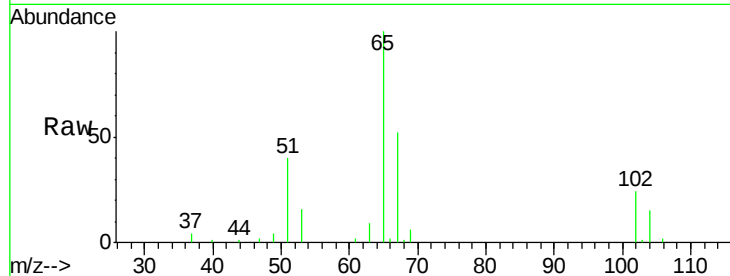




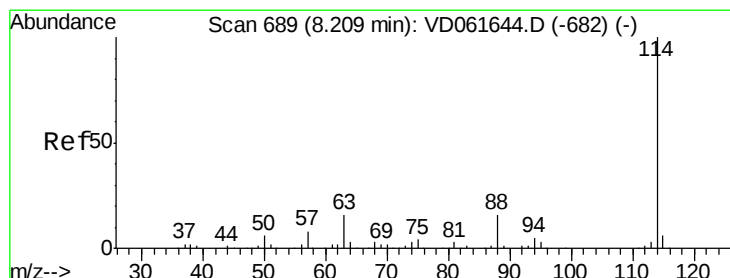
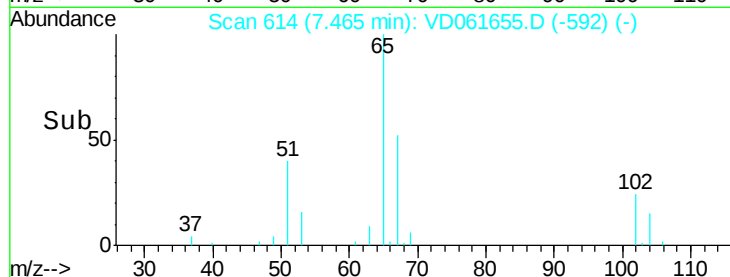
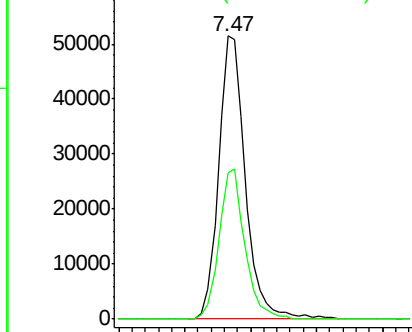
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD061655.D
 Acq: 8 Apr 2019 17:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 145324
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 99.4

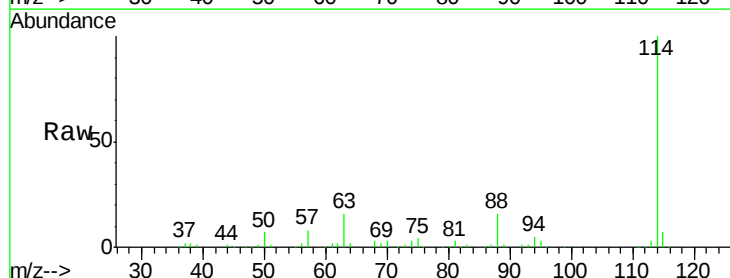


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

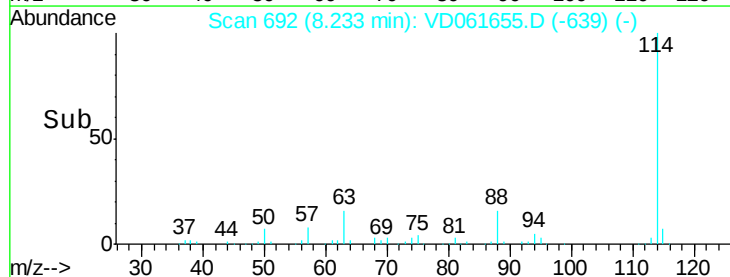
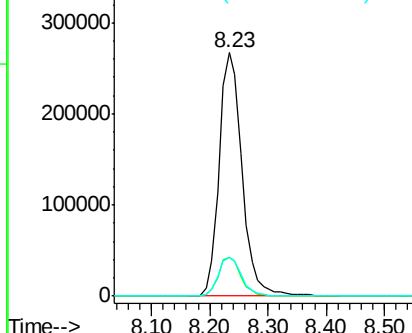


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061655.D
 Acq: 8 Apr 2019 17:14

Tgt Ion: 114 Resp: 729337
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 16.2 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): VDC
 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: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

Instrument :
MSVOA_D
ClientSampled :

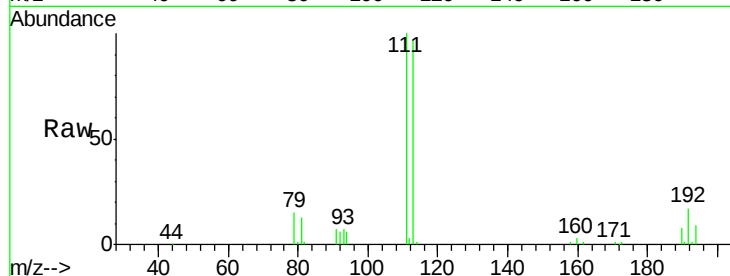
Tot Ion:113 Resp: 244671

Ion Ratio Lower Upper

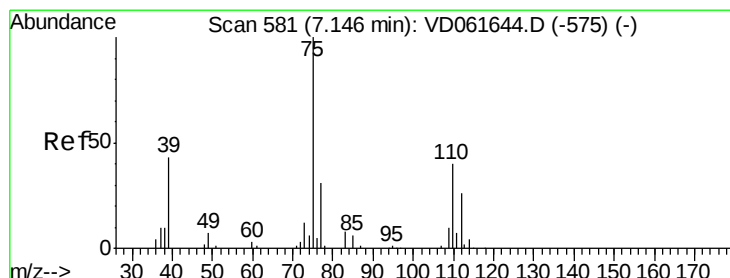
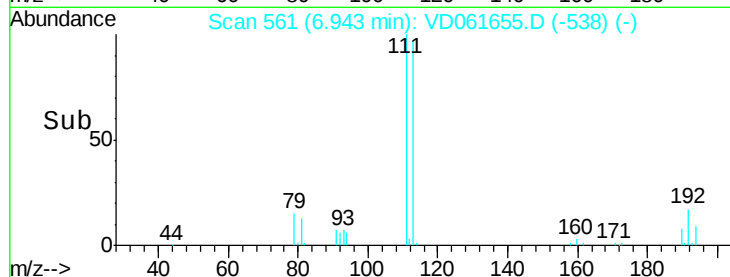
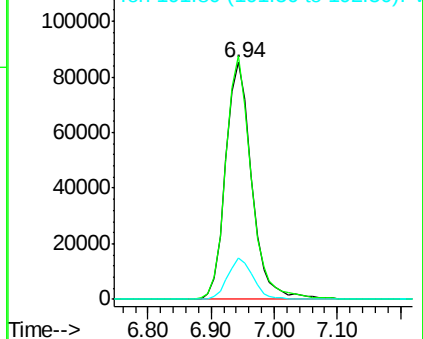
113 100

111 102.8 79.3 118.9

192 17.3 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: 5.033 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.08 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

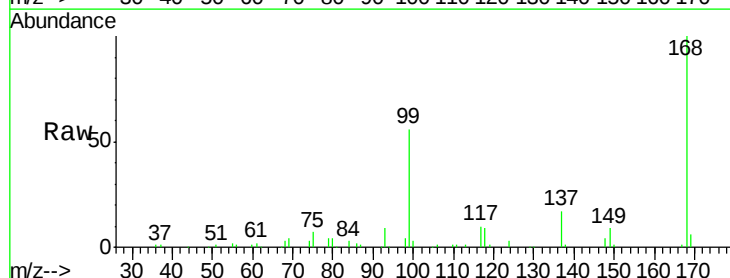
Tgt Ion: 75 Resp: 32126

Ion Ratio Lower Upper

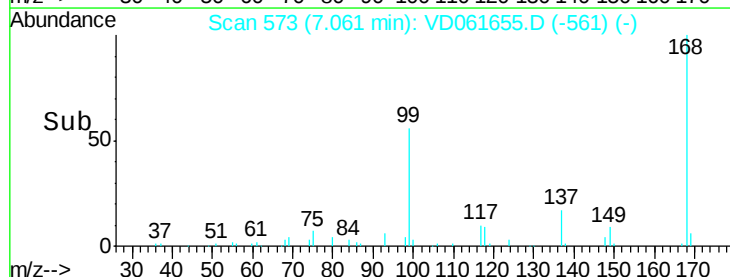
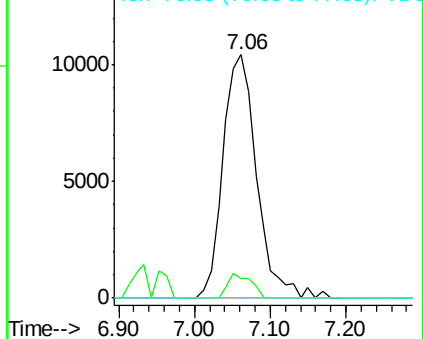
75 100

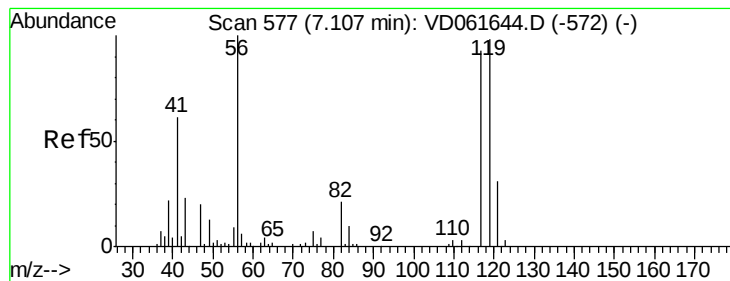
110 7.9 19.7 59.0#

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: 5.795 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

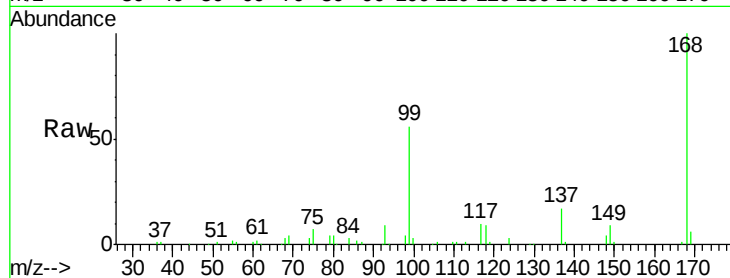
Tot Ion:117 Resp: 43353

Ion Ratio Lower Upper

117 100

119 6.3 77.9 116.9#

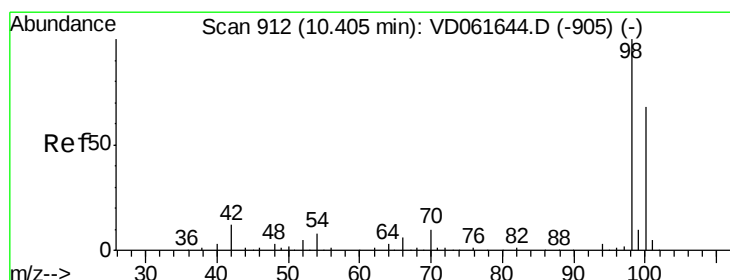
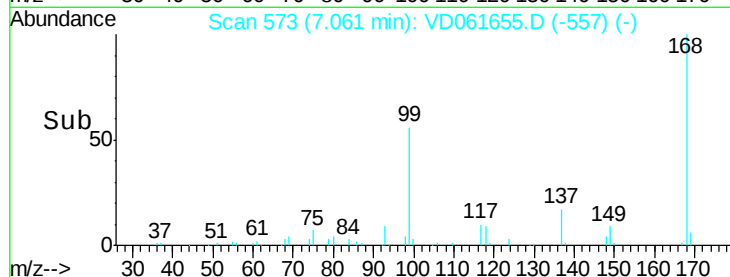
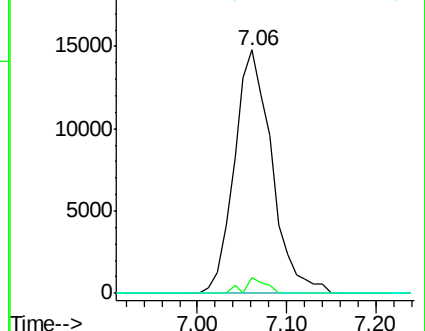
121 0.0 24.7 37.1#



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: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061655.D

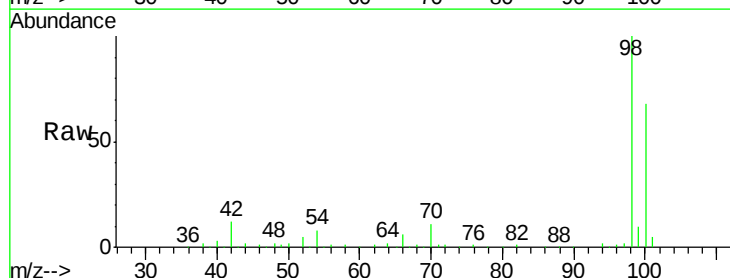
Acq: 8 Apr 2019 17:14

Tgt Ion: 98 Resp: 497604

Ion Ratio Lower Upper

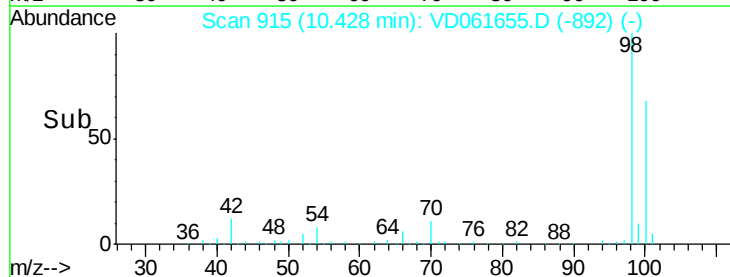
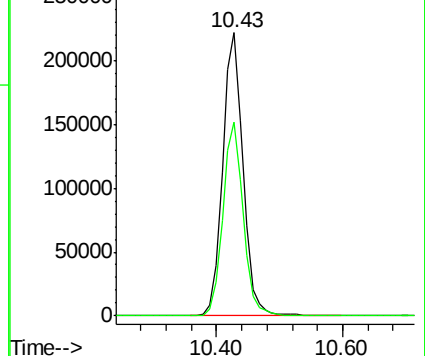
98 100

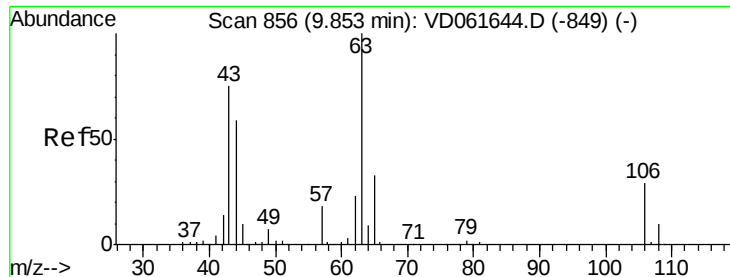
100 68.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

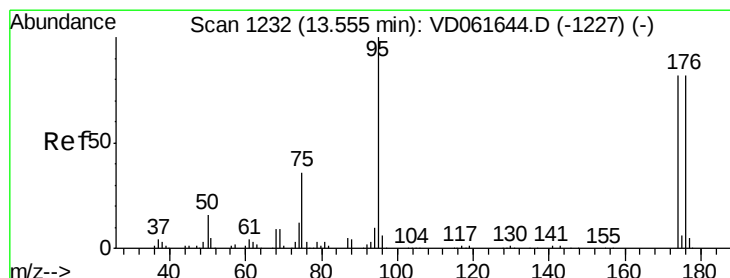
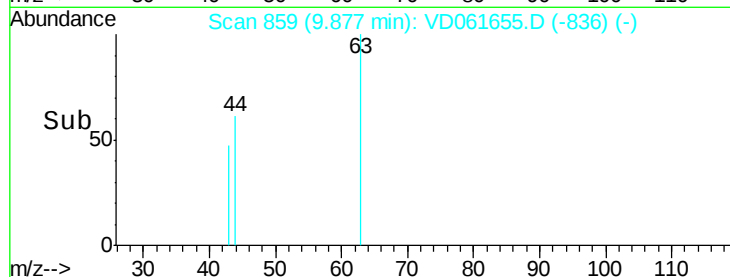
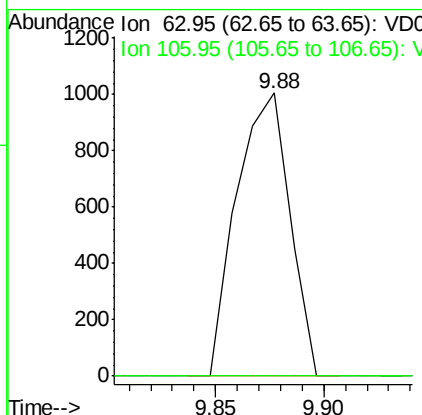
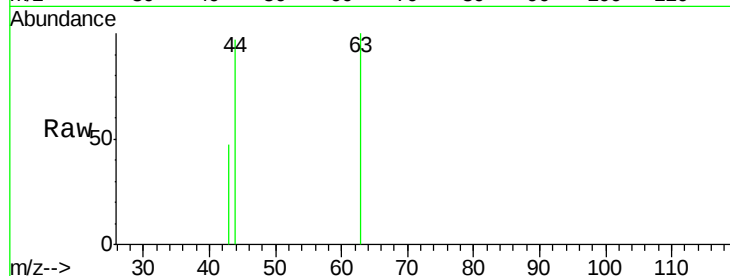




#58
2-Chloroethyl Vinyl ether
Concen: 1.070 ug/l
RT: 9.88 min Scan# 859
Delta R.T. 0.02 min
Lab File: VD061655.D
Acq: 8 Apr 2019 17:14

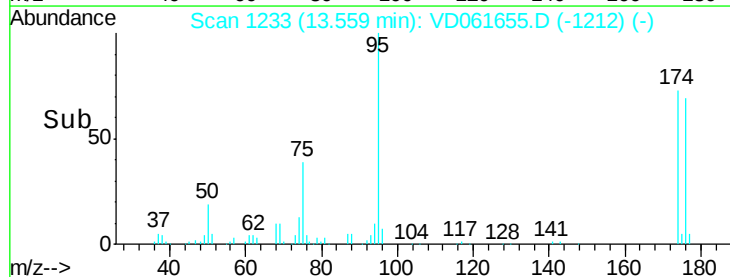
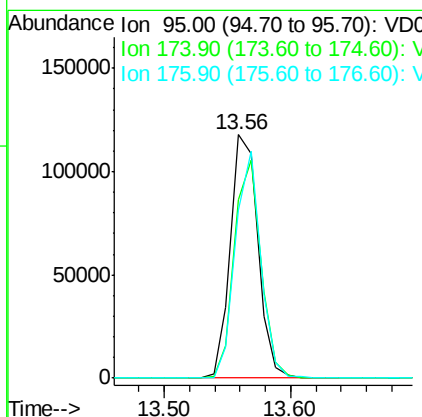
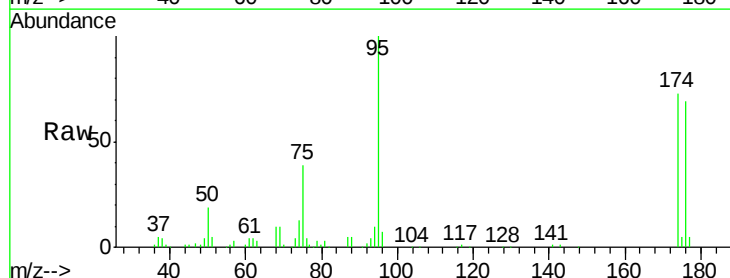
Instrument :
MSVOA_D
ClientSampleId :

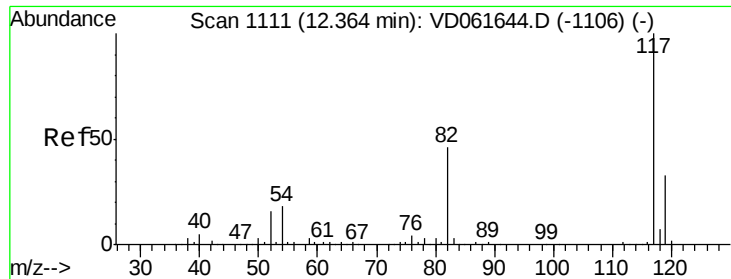
Tot Ion: 63 Resp: 1728
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061655.D
Acq: 8 Apr 2019 17:14

Tgt Ion: 95 Resp: 177238
Ion Ratio Lower Upper
95 100
174 73.2 0.0 164.6
176 69.3 0.0 165.0

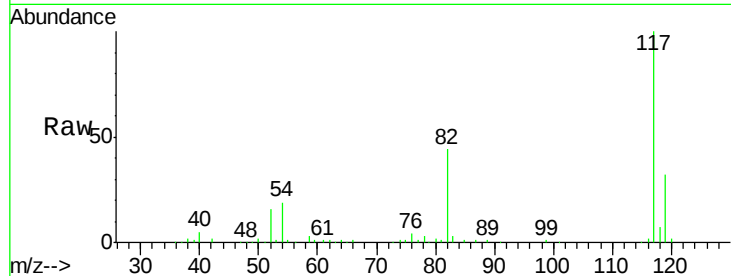




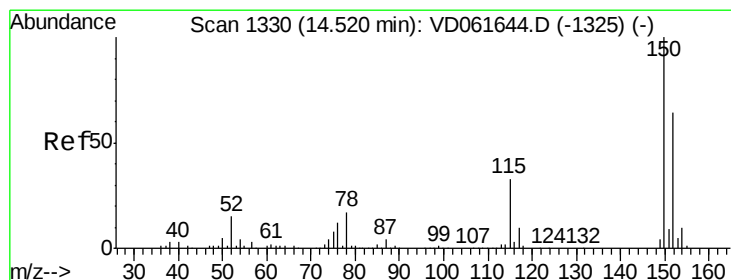
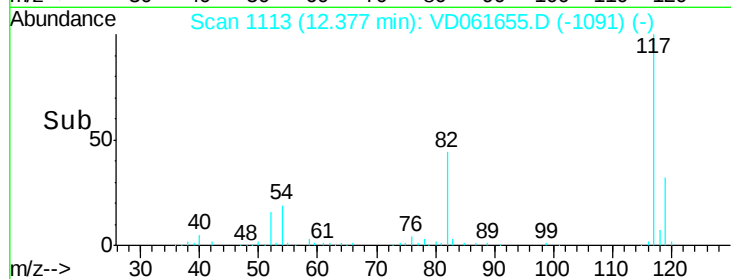
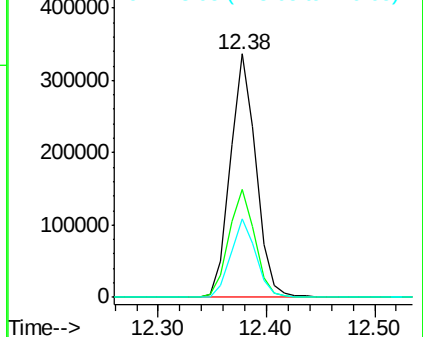
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061655.D
Acq: 8 Apr 2019 17:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 555391
Ion Ratio Lower Upper
117 100
82 44.4 36.8 55.2
119 32.5 26.1 39.1

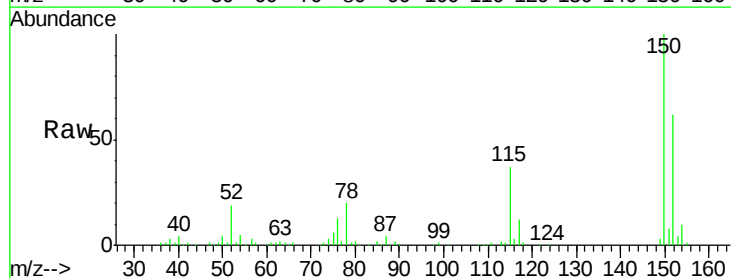


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

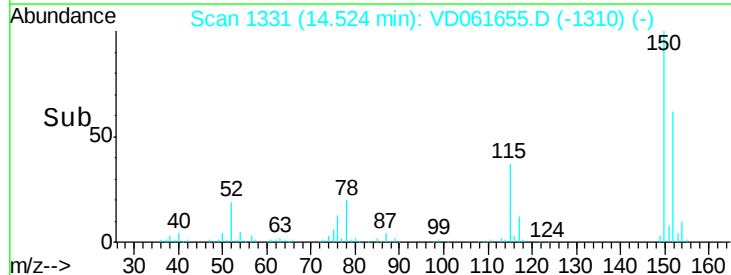
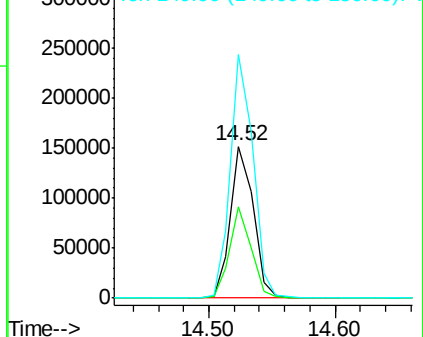


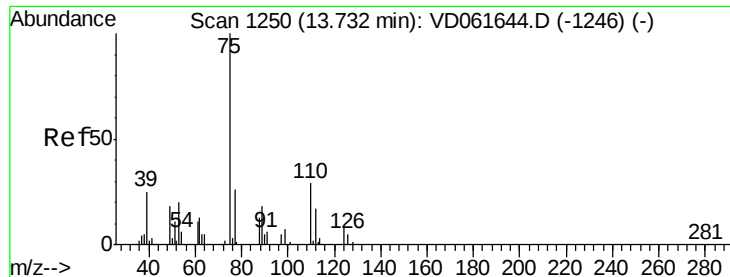
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061655.D
Acq: 8 Apr 2019 17:14

Tgt Ion:152 Resp: 190065
Ion Ratio Lower Upper
152 100
115 59.7 26.4 79.2
150 160.2 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: 21.623 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

Instrument :

MSVOA_D

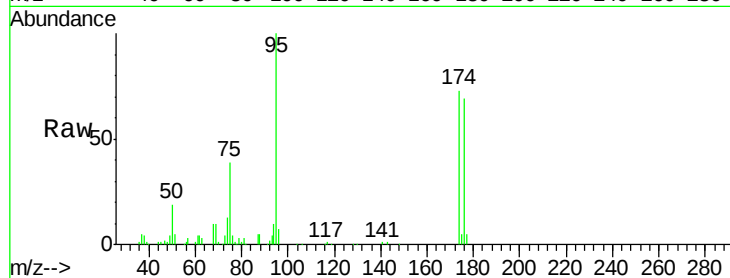
ClientSampled :

Tot Ion: 75 Resp: 55914

Ion Ratio Lower Upper

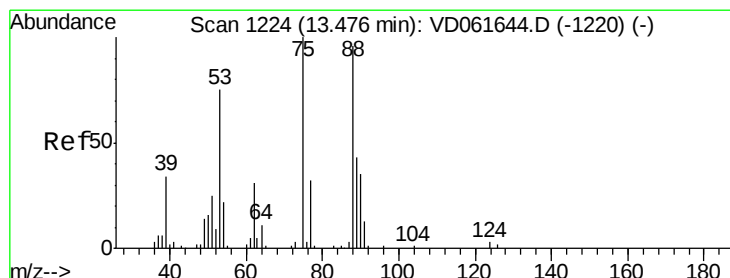
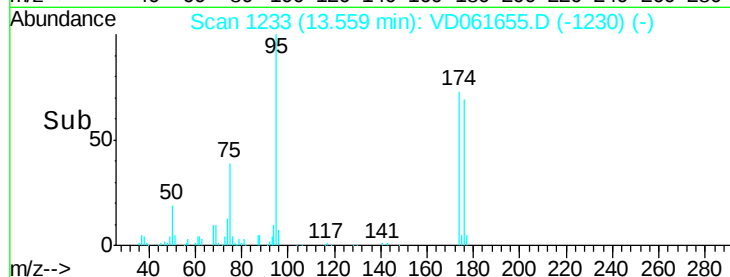
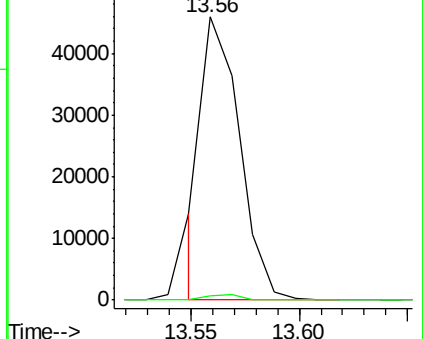
75 100

77 1.5 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: 82.475 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061655.D

Acq: 8 Apr 2019 17:14

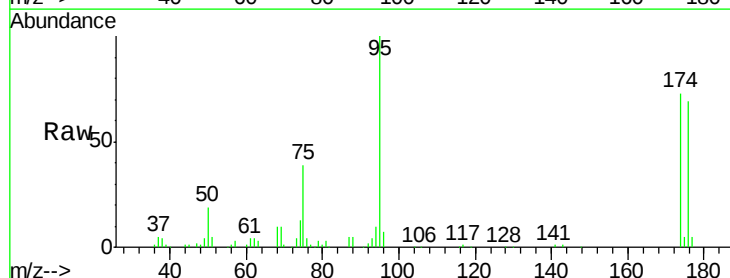
Tgt Ion: 75 Resp: 64717

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

