

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061224.D
 Acq On : 21 Mar 2019 00:29
 Operator : VA/AP
 Sample : VD0320SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 02:04:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

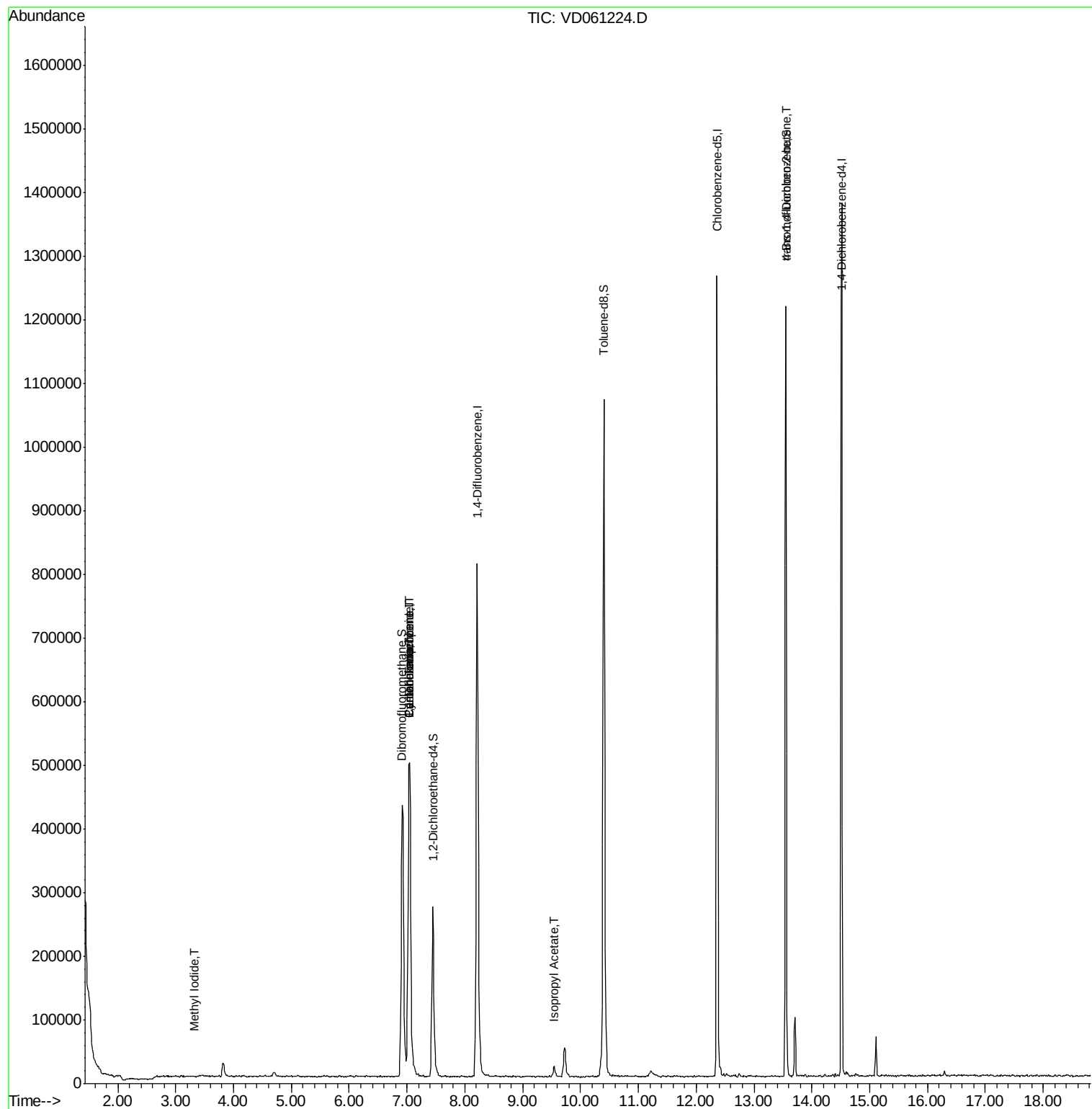
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	574306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1042625	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	821528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	354769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	247244	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	6.92	113	424736	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.40	98	938641	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	13.55	95	373591	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
Target Compounds				Qvalue		
10) Methyl Iodide	3.32	142	1141	3.045	ug/l #	91
20) Methylene Chloride	3.82	84	17784	Below Cal	#	86
31) Cyclohexane	7.03	56	10390	1.228	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	41020	4.564	ug/l #	45
38) Carbon Tetrachloride	7.04	117	53079	5.362	ug/l #	15
43) Isopropyl Acetate	9.54	43	13953	2.389	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.55	75	134737	89.540	ug/l #	17

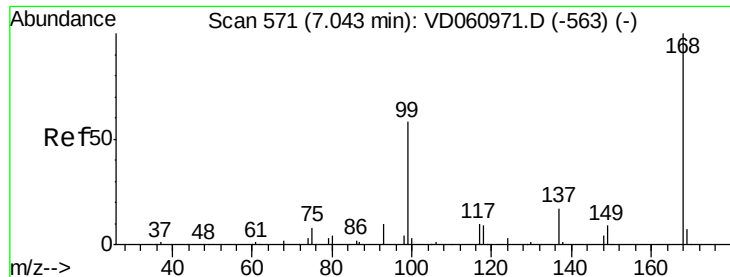
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Mar 22 02:04:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

Instrument :

MSVOA_D

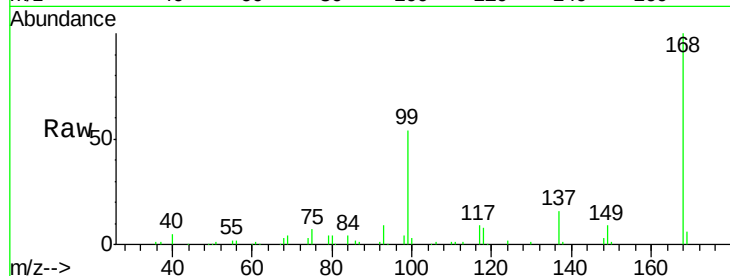
ClientSampleId :

Tot Ion:168 Resp: 574306

Ion Ratio Lower Upper

168 100

99 53.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

200000

150000

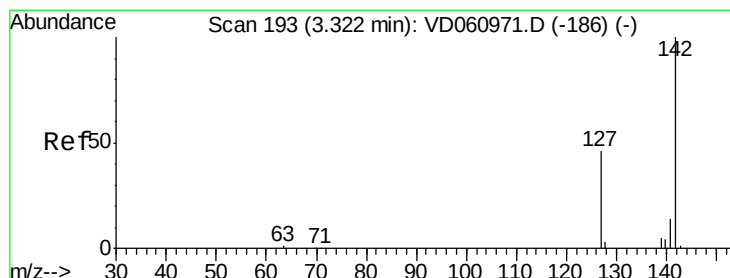
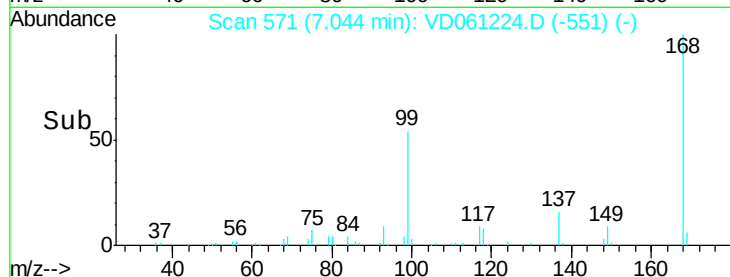
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.045 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.00 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

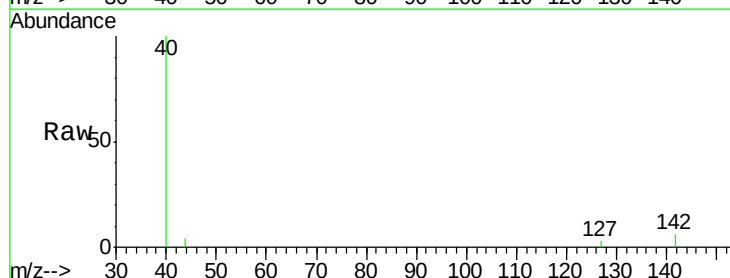
Tgt Ion:142 Resp: 1141

Ion Ratio Lower Upper

142 100

127 46.9 36.8 55.2

141 0.0 11.2 16.8#



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

3.32

800

600

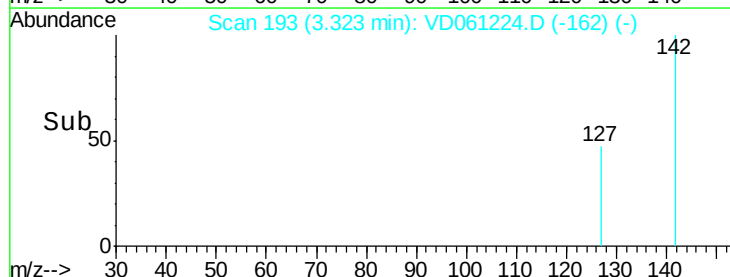
400

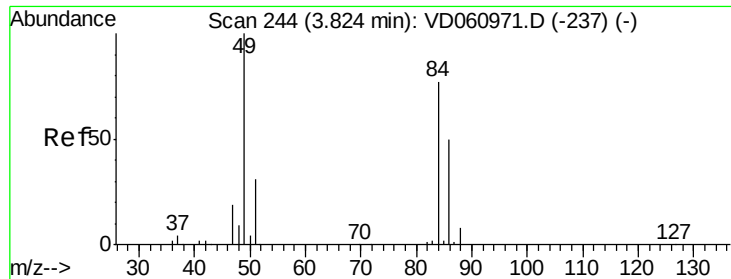
200

0

3.25 3.30 3.35

Time-->

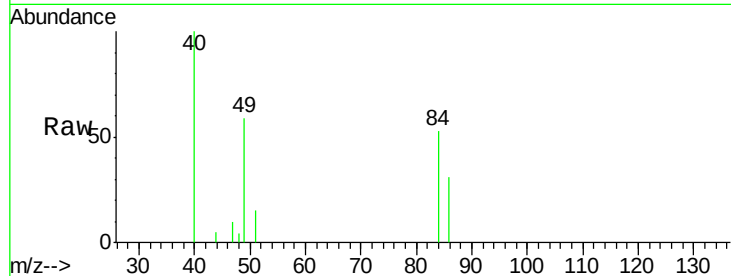




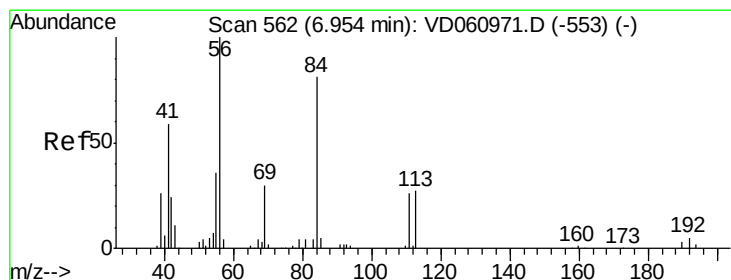
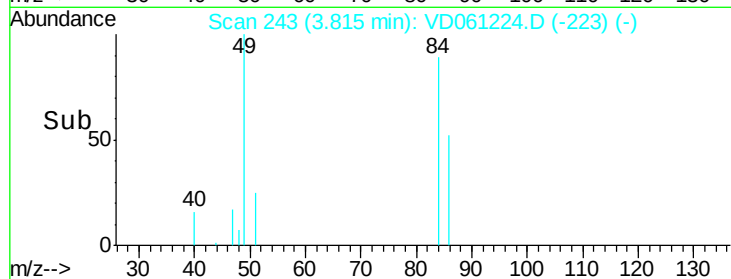
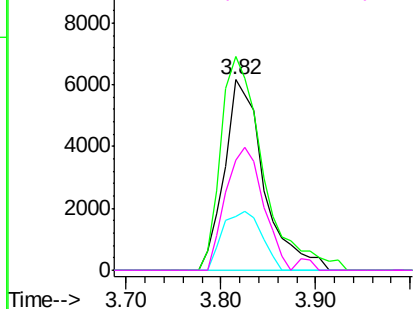
#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061224.D
Acq: 21 Mar 2019 00:29

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 17784
Ion Ratio Lower Upper
84 100
49 112.3 104.2 156.2
51 28.4 32.3 48.5#
86 58.0 52.3 78.5

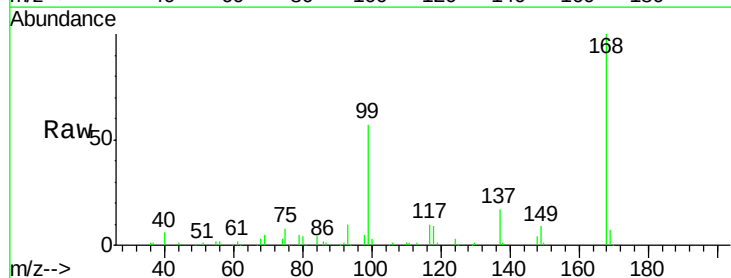


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

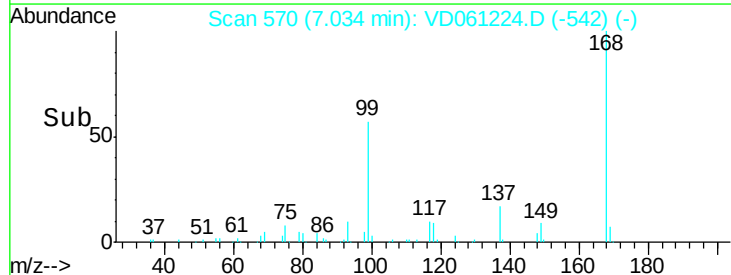
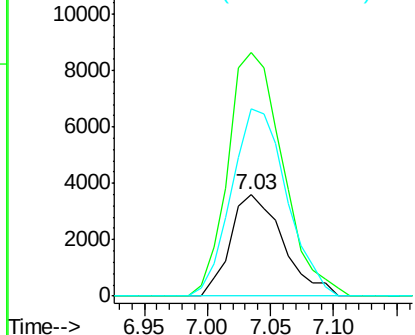


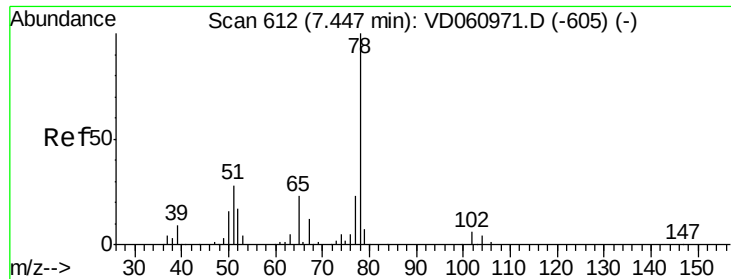
#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061224.D
Acq: 21 Mar 2019 00:29

Tgt Ion: 56 Resp: 10390
Ion Ratio Lower Upper
56 100
69 241.2 24.0 36.0#
84 184.9 65.8 98.6#



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

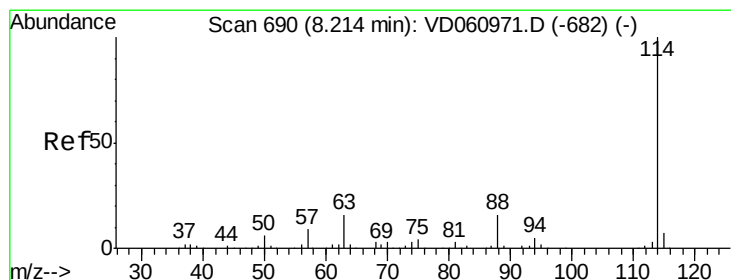
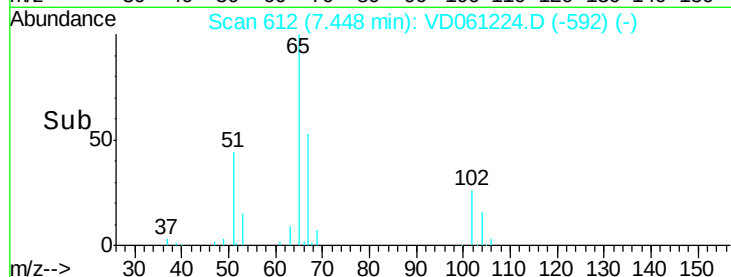
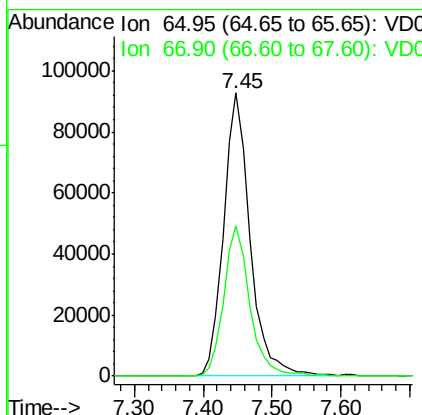
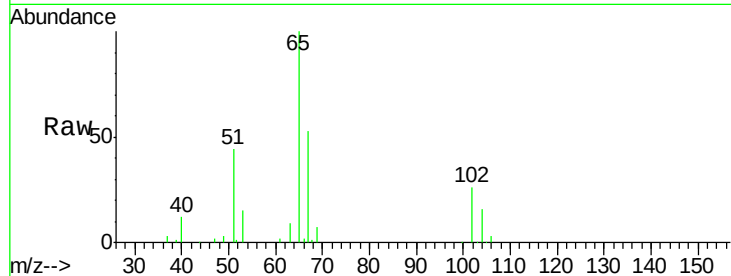




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061224.D
 Acq: 21 Mar 2019 00:29

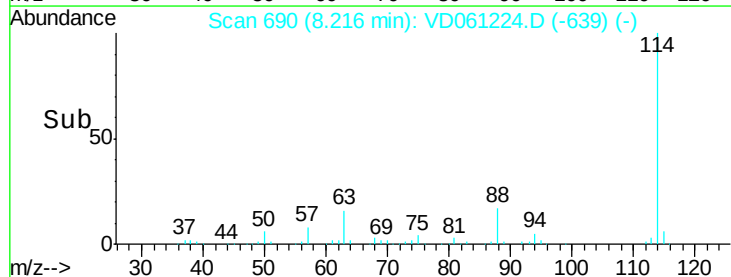
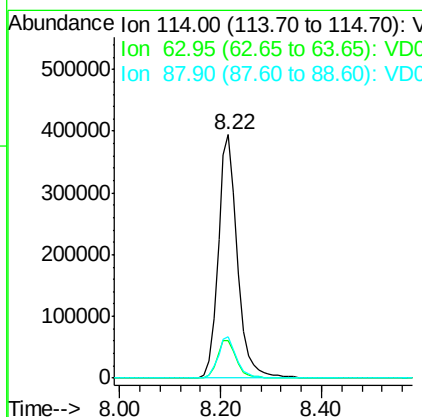
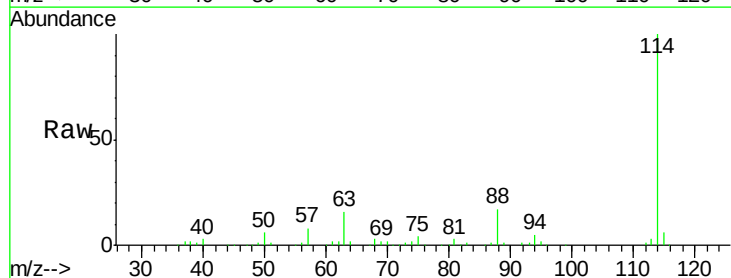
Instrument :
 MSVOA_D
 ClientSampleId :

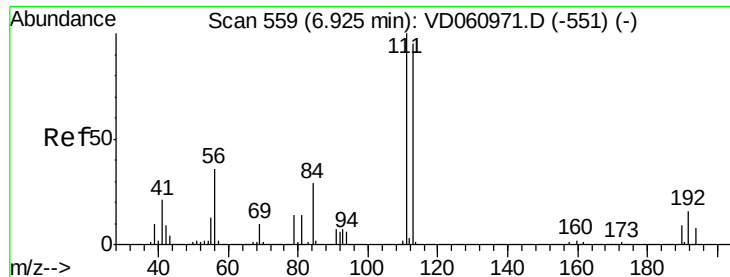
Tot Ion: 65 Resp: 247244
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061224.D
 Acq: 21 Mar 2019 00:29

Tgt Ion: 114 Resp: 1042625
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 16.8 0.0 33.0

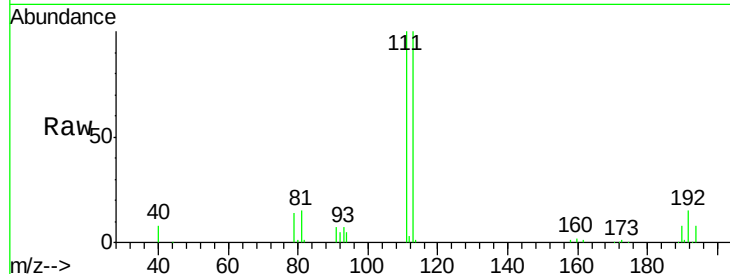




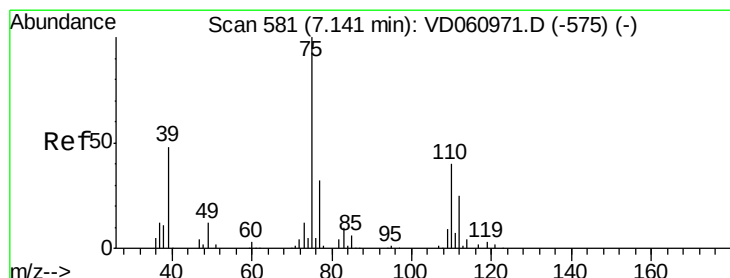
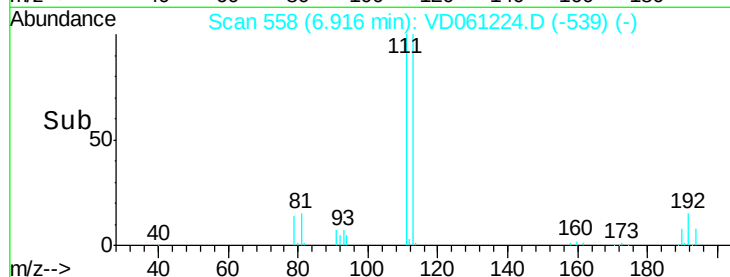
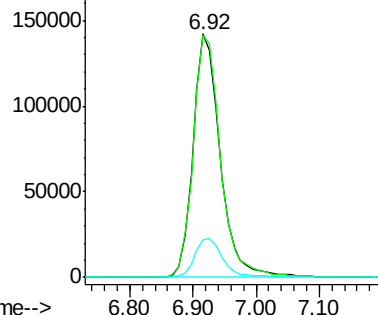
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061224.D
 Acq: 21 Mar 2019 00:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 424736
 Ion Ratio Lower Upper
 113 100
 111 99.6 84.2 126.4
 192 15.3 13.1 19.7

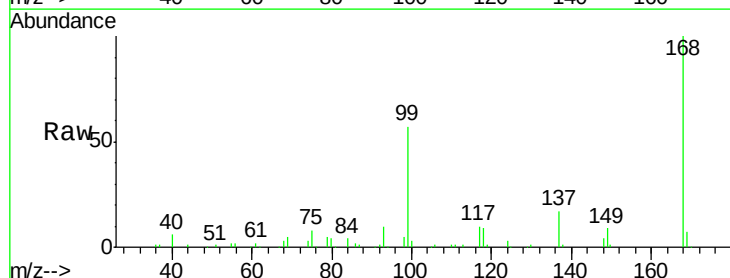


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

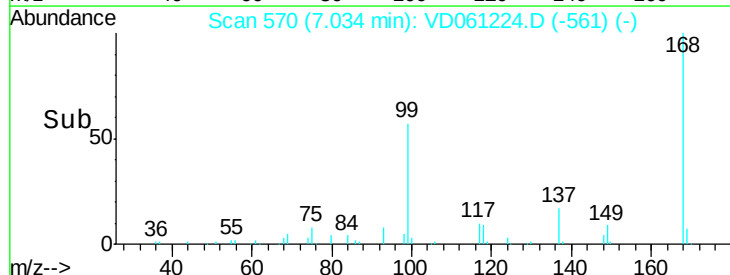
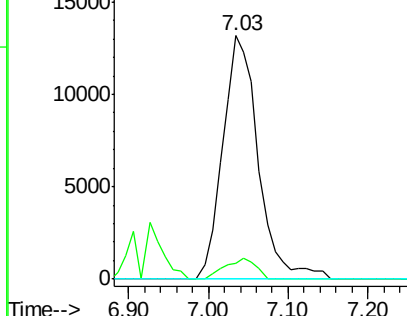


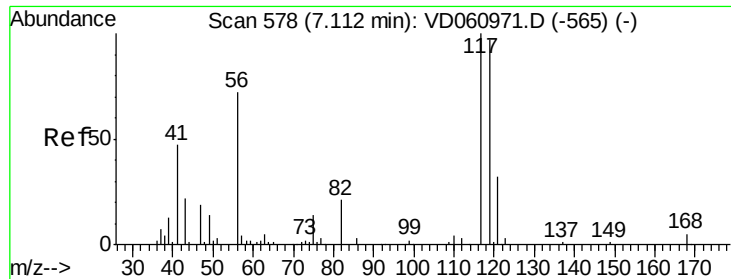
#36
 1,1-Dichloropropene
 Concen: 4.564 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061224.D
 Acq: 21 Mar 2019 00:29

Tgt Ion: 75 Resp: 41020
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.7 59.1#
 77 0.0 24.7 37.1#



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: 5.362 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

Instrument :

MSVOA_D

ClientSampleId :

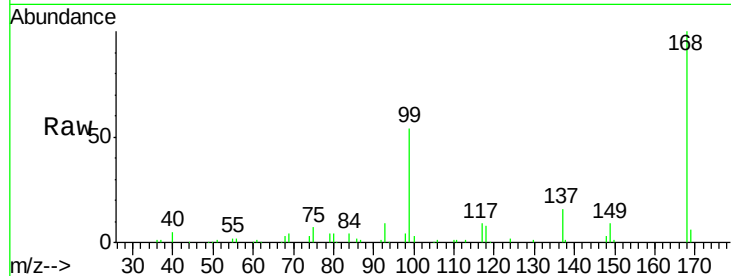
Tot Ion:117 Resp: 53079

Ion Ratio Lower Upper

117 100

119 4.9 77.8 116.8#

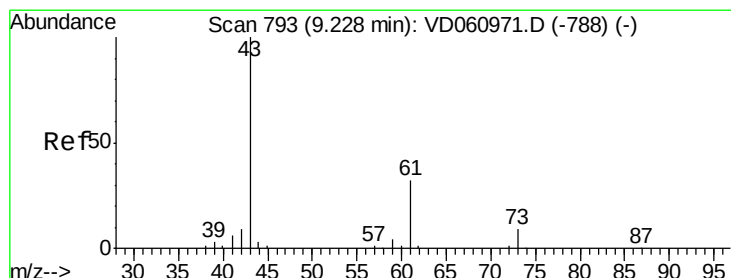
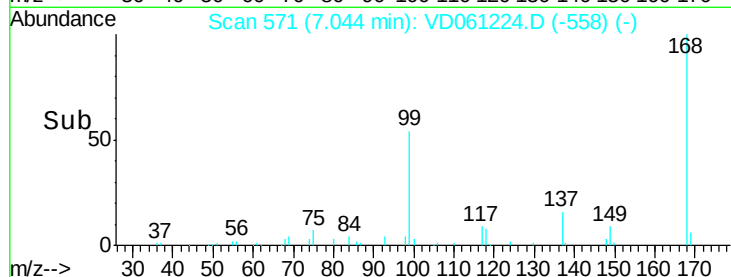
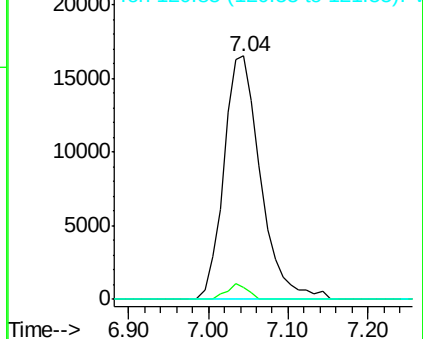
121 0.0 25.3 37.9#



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



#43

Isopropyl Acetate

Concen: 2.389 ug/l

RT: 9.54 min Scan# 825

Delta R.T. 0.32 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

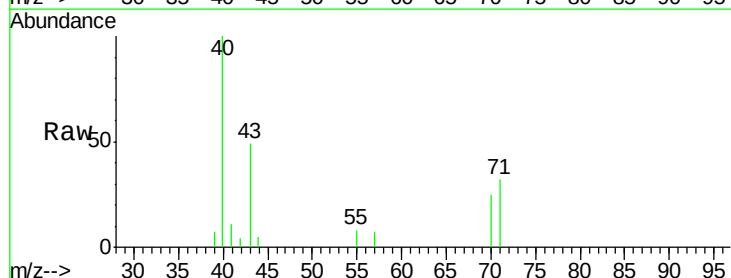
Tgt Ion: 43 Resp: 13953

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

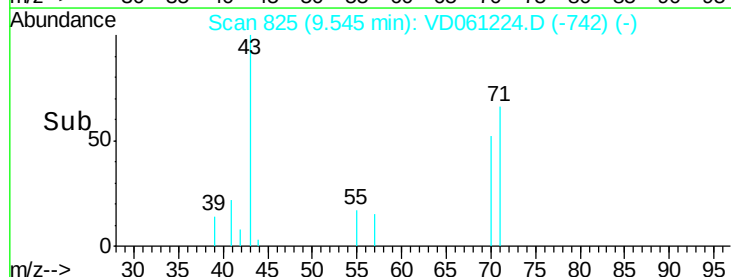
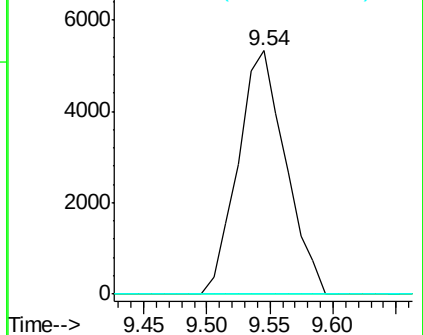
87 0.0 0.2 0.4#

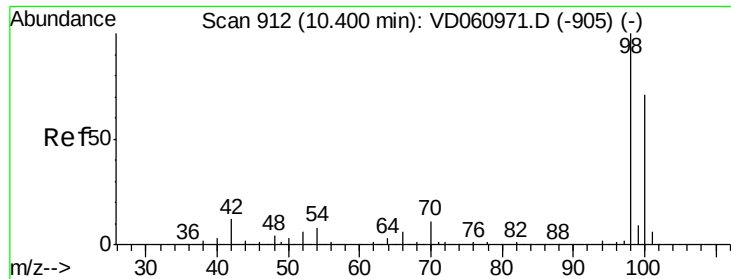


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

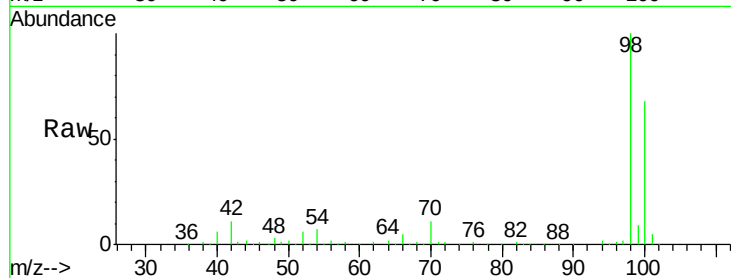
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 938641

Ion Ratio Lower Upper

98 100

100 68.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

400000

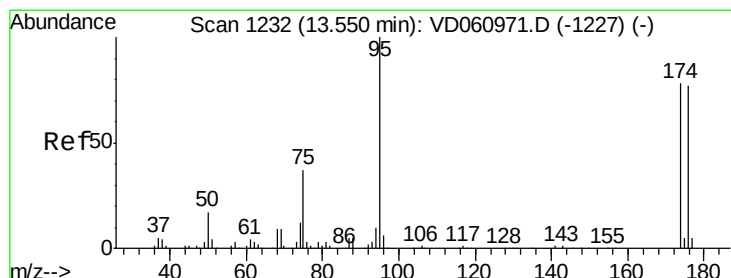
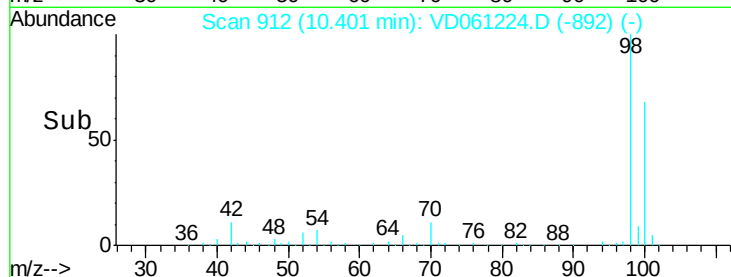
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

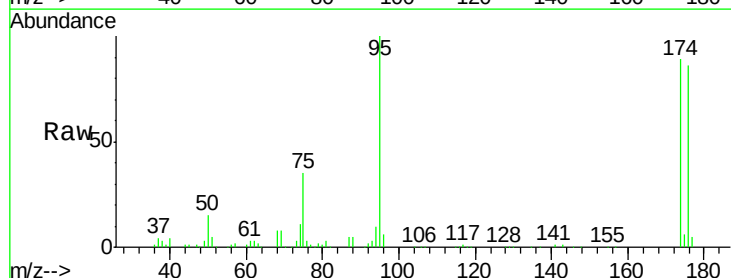
Tgt Ion: 95 Resp: 373591

Ion Ratio Lower Upper

95 100

174 88.8 0.0 155.6

176 85.9 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

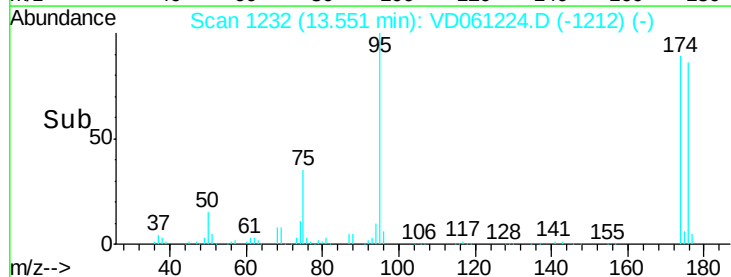
300000

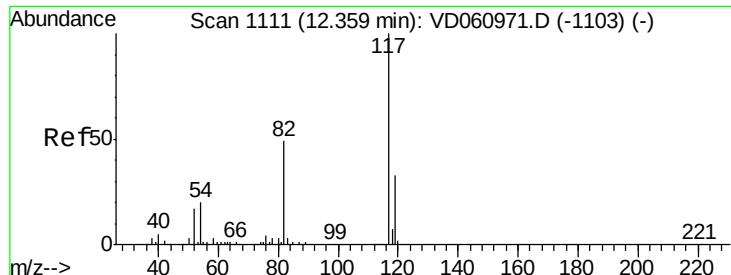
200000

100000

0

Time-->

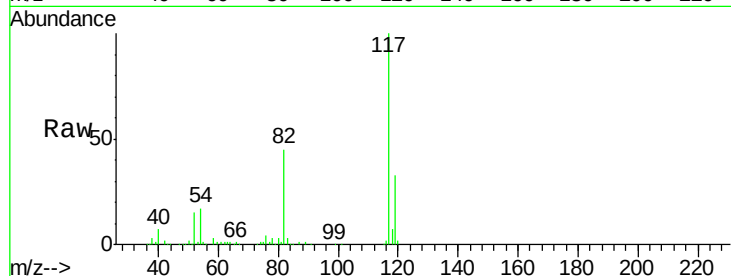




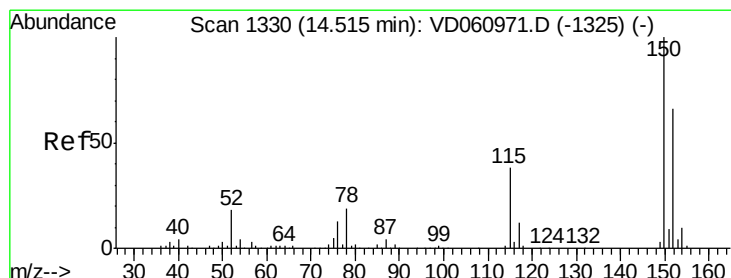
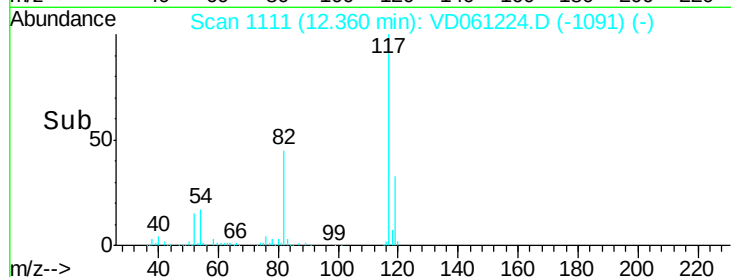
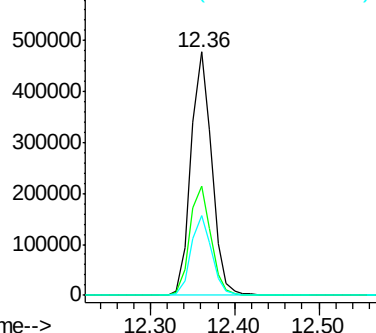
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061224.D
Acq: 21 Mar 2019 00:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 821528
Ion Ratio Lower Upper
117 100
82 44.7 38.9 58.3
119 32.8 26.6 39.8

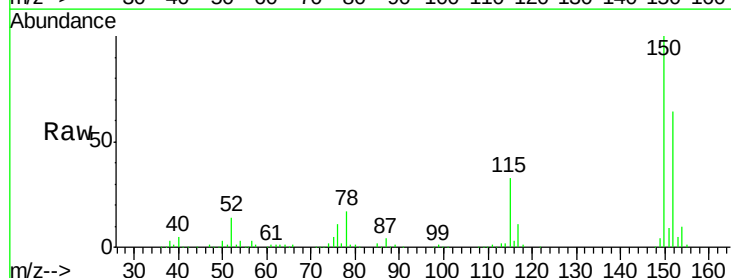


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

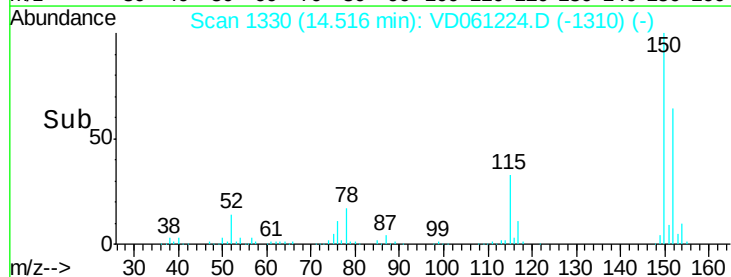
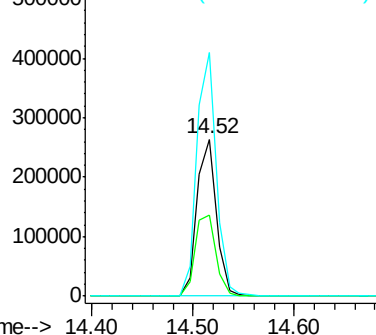


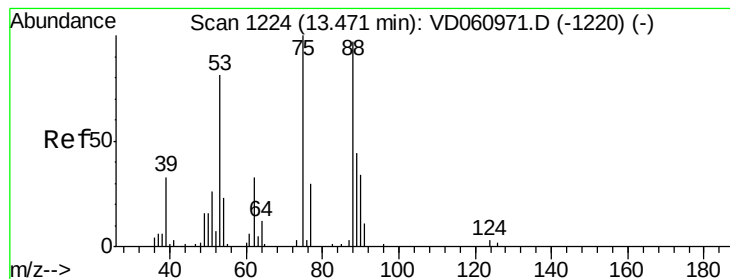
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061224.D
Acq: 21 Mar 2019 00:29

Tgt Ion:152 Resp: 354769
Ion Ratio Lower Upper
152 100
115 51.8 28.6 85.9
150 155.1 0.0 310.6



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: 89.540 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

Instrument :

MSVOA_D

ClientSampleId :

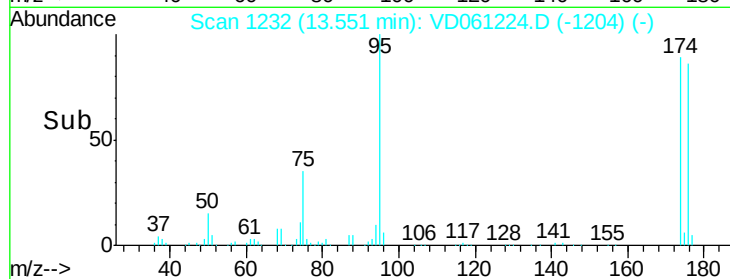
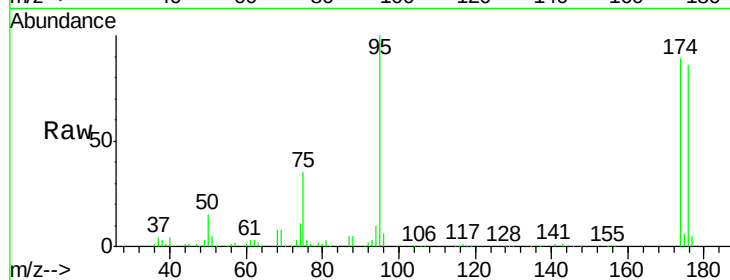
Tot Ion: 75 Resp: 134737

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

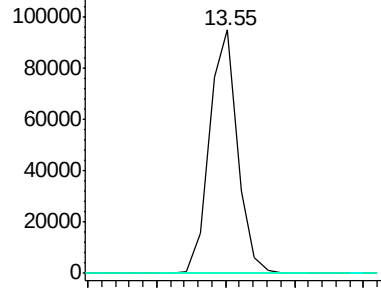
89 0.0 34.8 52.2#



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



Time--> 13.45 13.50 13.55 13.60