

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061124.D
 Acq On : 16 Mar 2019 23:53
 Operator : VA/AP
 Sample : VD0316SBL02
 Misc : 6.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 02:30:13 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	534271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	984204	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	831692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	385592	50.00	ug/l	0.00

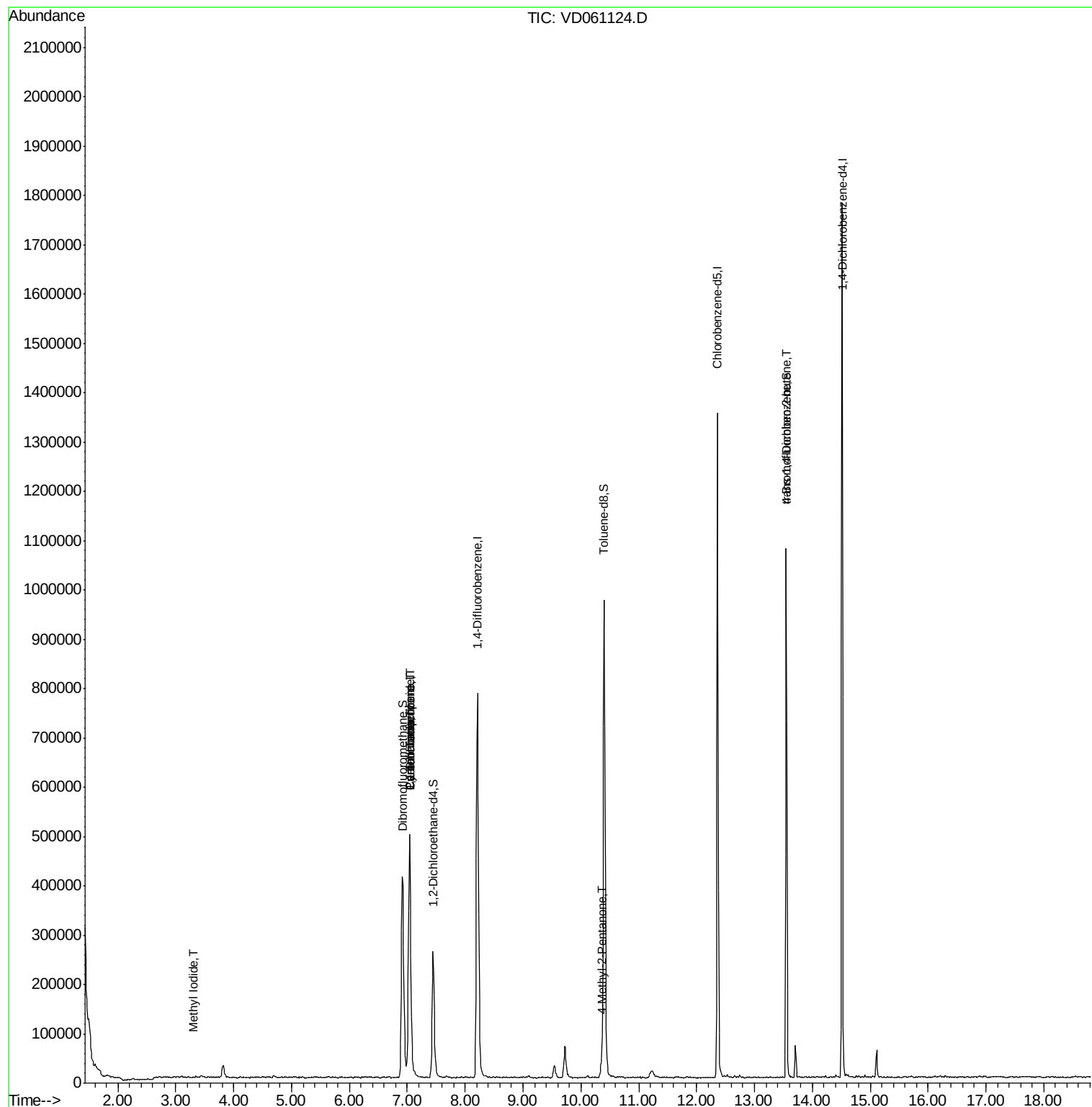
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	241582	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	6.91	113	391776	53.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.40	98	905612	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	13.55	95	336163	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	

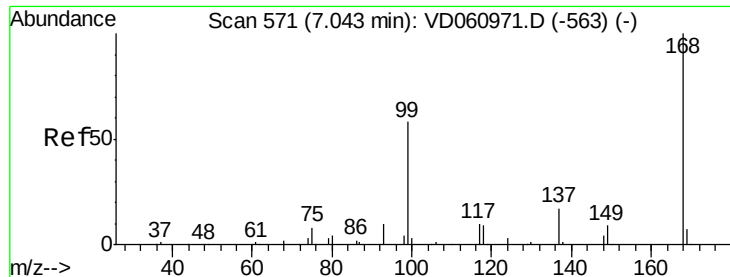
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	357	Below Cal	#	8
10) Methyl Iodide	3.31	142	1191	3.058	ug/l #	39
20) Methylene Chloride	3.80	84	19232	Below Cal		85
31) Cyclohexane	7.03	56	9074	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	39789	4.690	ug/l #	44
38) Carbon Tetrachloride	7.04	117	50034	5.354	ug/l #	14
51) 4-Methyl-2-Pentanone	10.35	43	5459	1.616	ug/l #	67
81) trans-1,4-Dichloro-2-buten	13.55	75	119340	72.969	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
Data File : VD061124.D
Acq On : 16 Mar 2019 23:53
Operator : VA/AP
Sample : VD0316SBL02
Misc : 6.00g/5ml/MSVOA_D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 02:30:13 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: VD061124.D

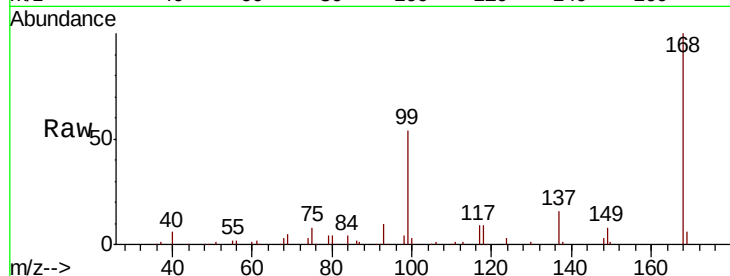
Acq: 16 Mar 2019 23:53

Tgt Ion:168 Resp: 534271

Ion Ratio Lower Upper

168 100

99 53.5 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

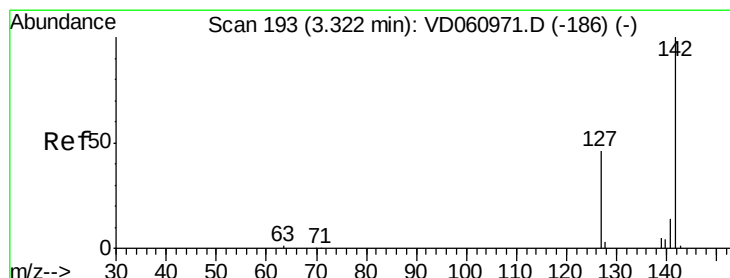
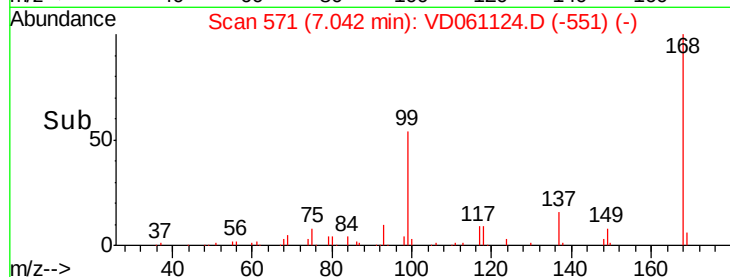
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.058 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061124.D

Acq: 16 Mar 2019 23:53

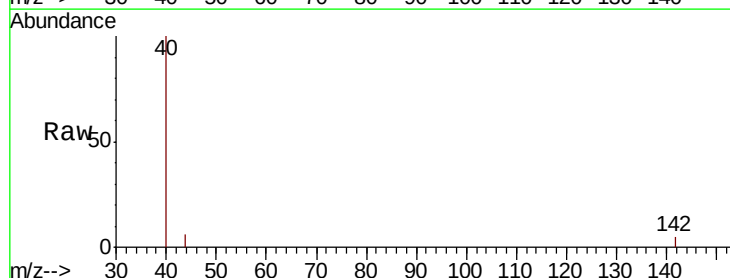
Tgt Ion:142 Resp: 1191

Ion Ratio Lower Upper

142 100

127 0.0 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

3.31

600

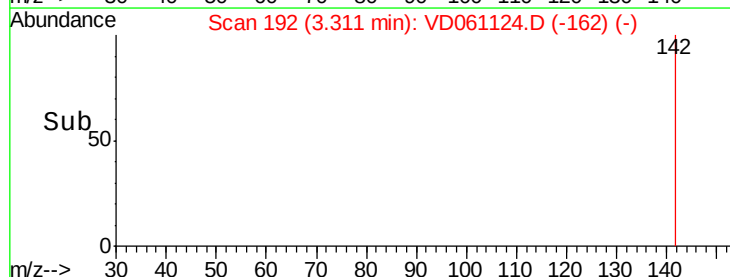
400

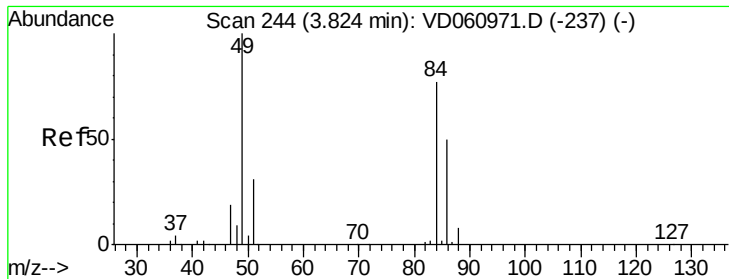
200

0

3.30 3.35

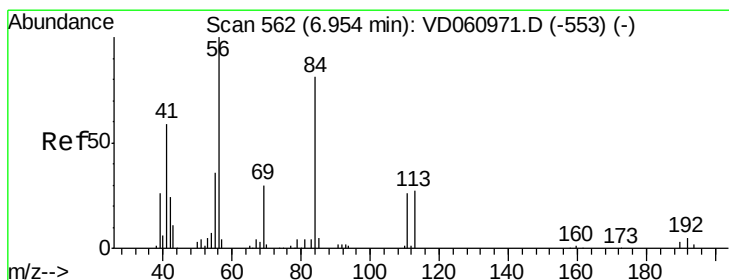
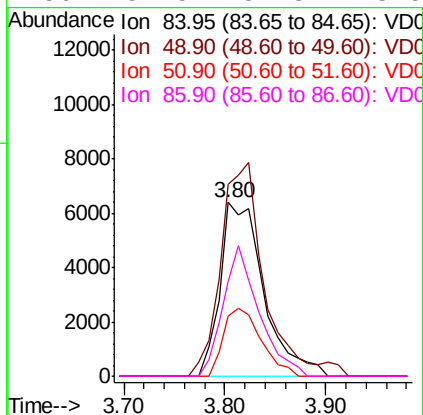
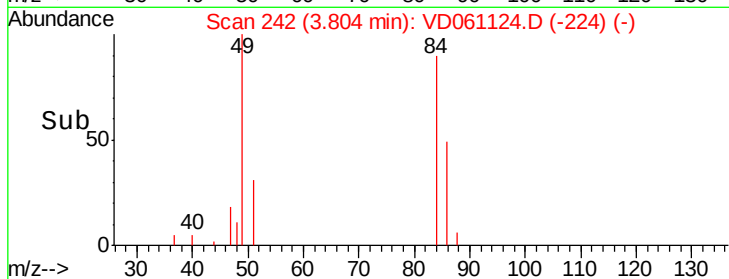
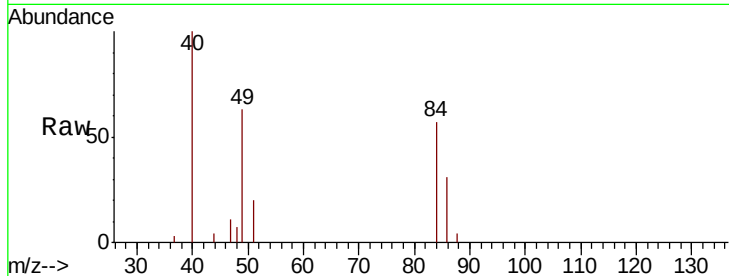
Time-->





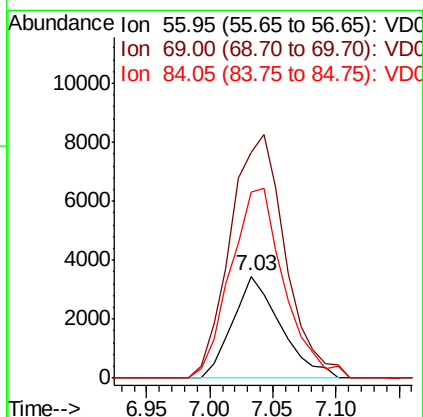
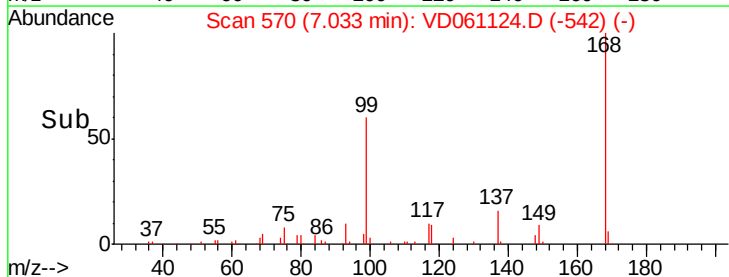
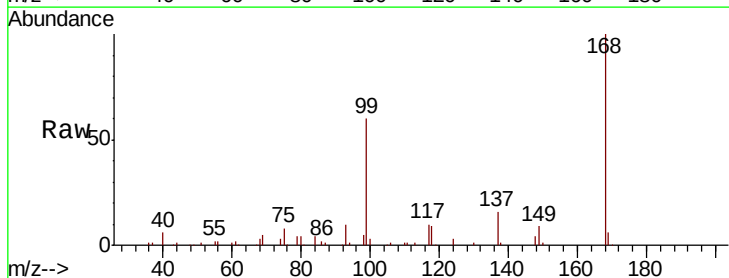
#20
Methylene Chloride
Concen: Below Cal
RT: 3.80 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD061124.D
Acq: 16 Mar 2019 23:53

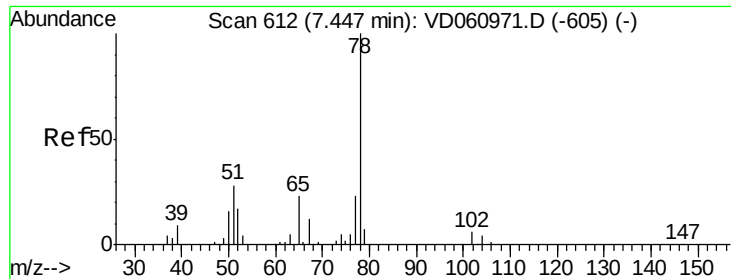
Tgt Ion:	84	Resp:	19232
Ion	Ratio	Lower	Upper
84	100		
49	110.7	104.2	156.2
51	34.9	32.3	48.5
86	54.5	52.3	78.5



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061124.D
Acq: 16 Mar 2019 23:53

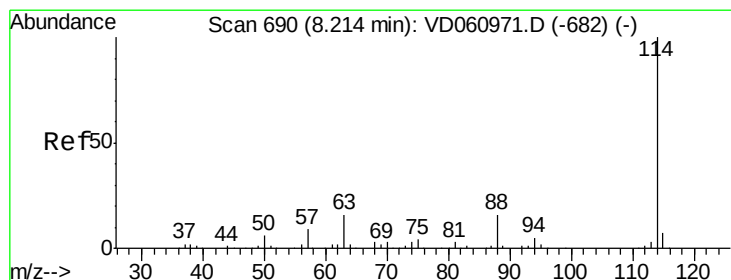
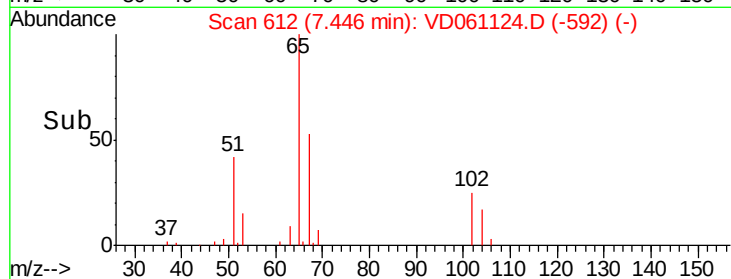
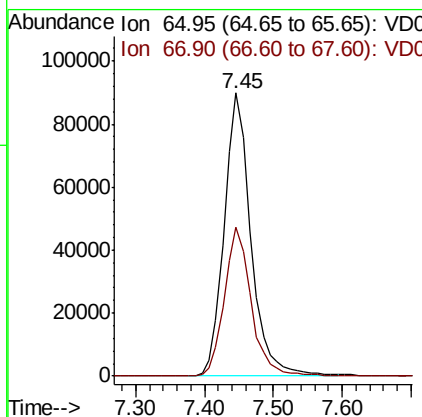
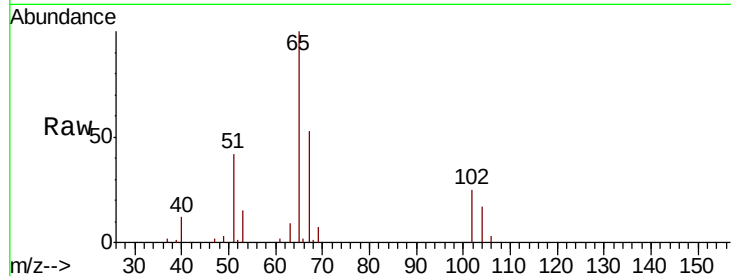
Tgt Ion:	56	Resp:	9074
Ion	Ratio	Lower	Upper
56	100		
69	221.4	24.0	36.0#
84	182.8	65.8	98.6#





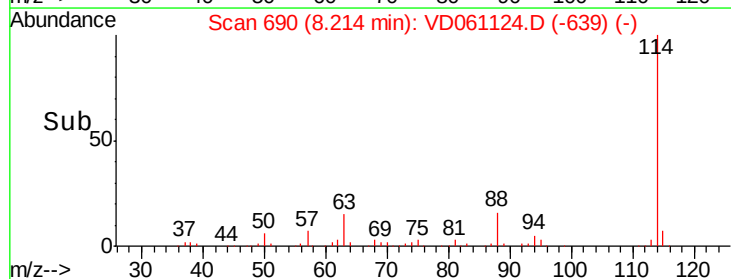
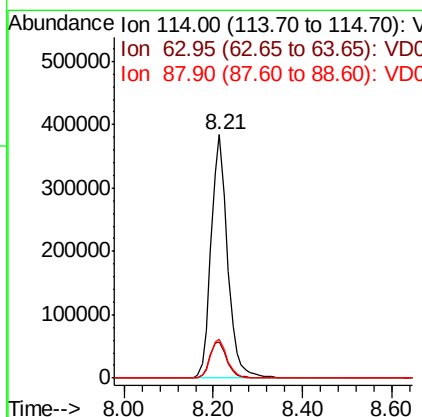
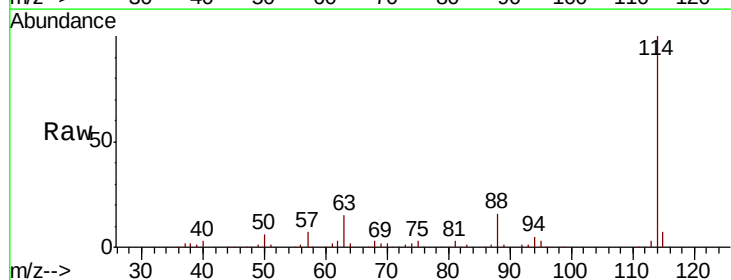
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

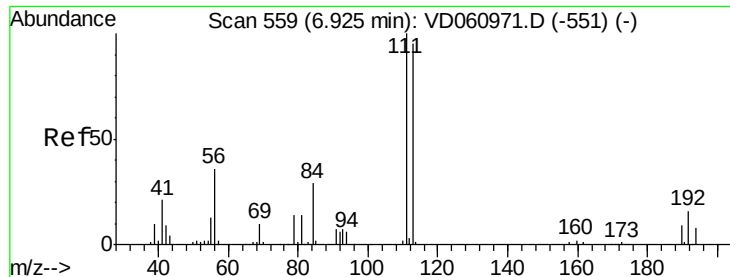
Tgt Ion: 65 Resp: 241582
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

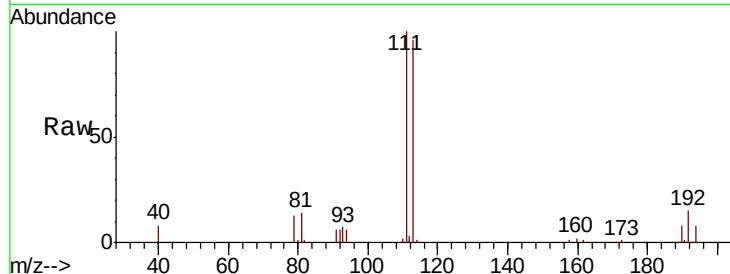
Tgt Ion: 114 Resp: 984204
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.4
 88 16.0 0.0 33.0



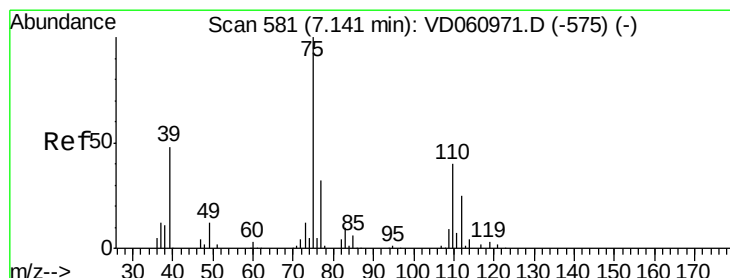
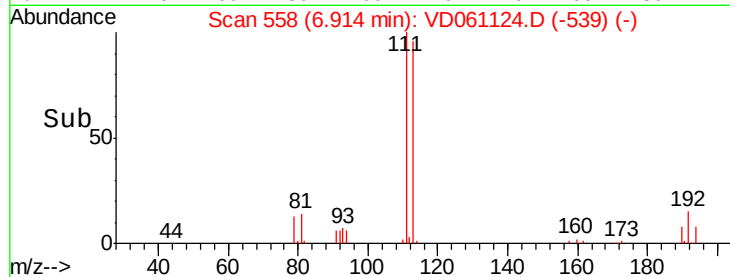
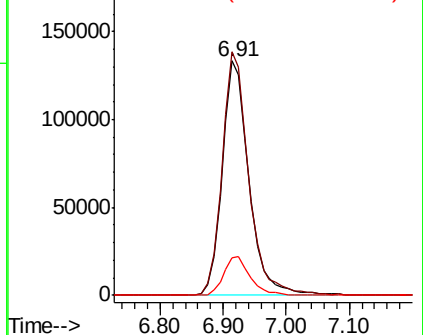


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.4
192	16.1	13.1	19.7

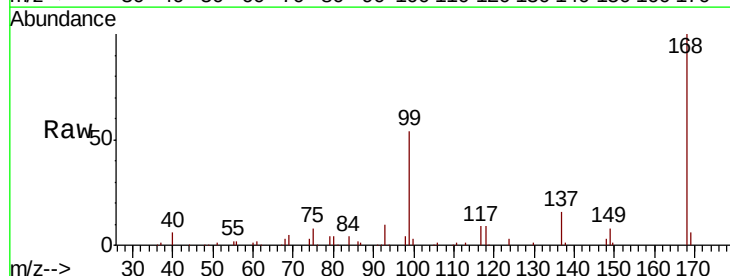


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

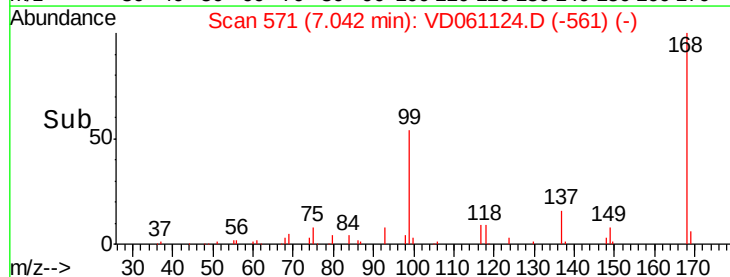
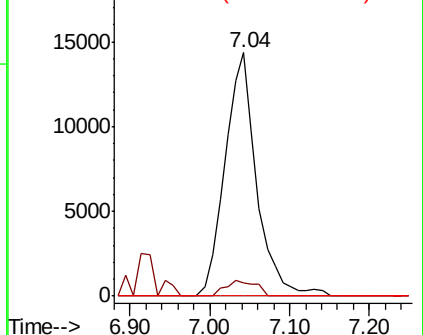


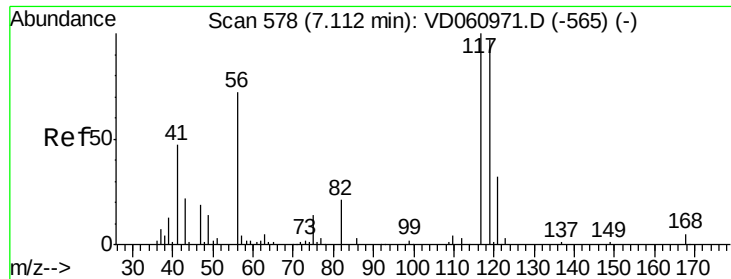
#36
 1,1-Dichloropropene
 Concen: 4.690 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.3	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: 5.354 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061124.D

Acq: 16 Mar 2019 23:53

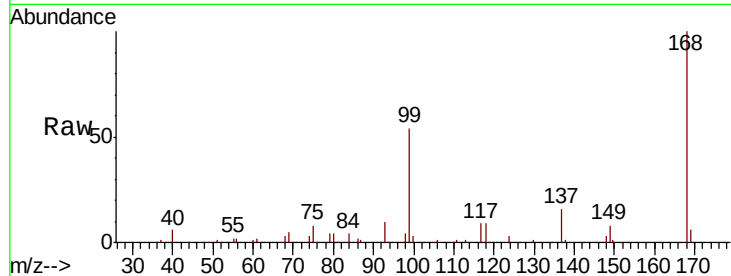
Tgt Ion: 117 Resp: 50034

Ion Ratio Lower Upper

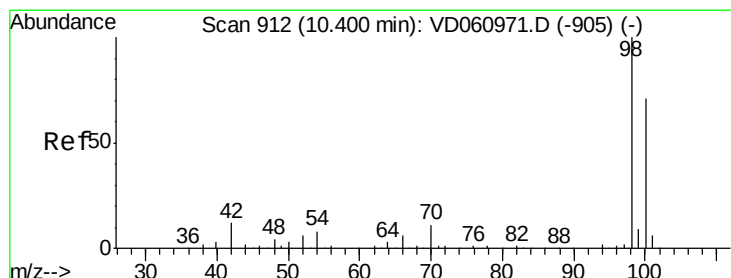
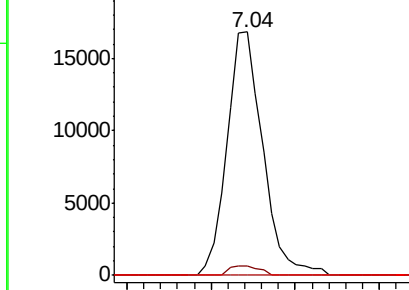
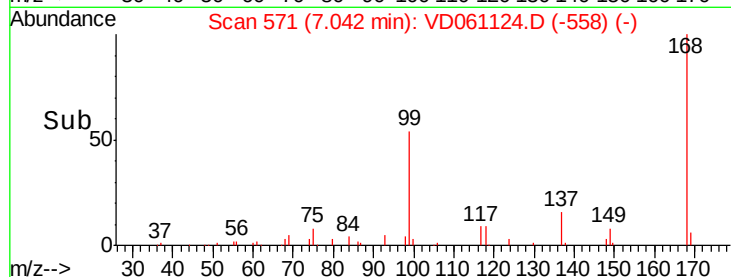
117 100

119 3.7 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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061124.D

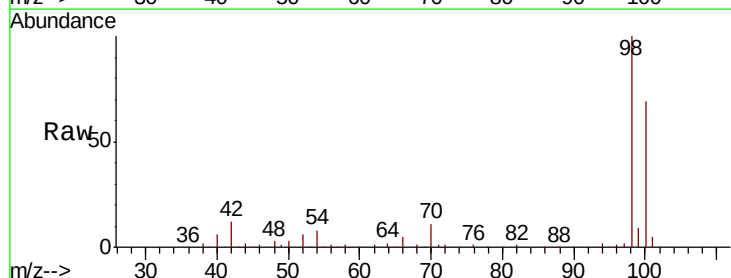
Acq: 16 Mar 2019 23:53

Tgt Ion: 98 Resp: 905612

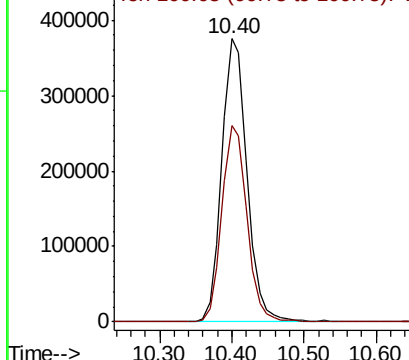
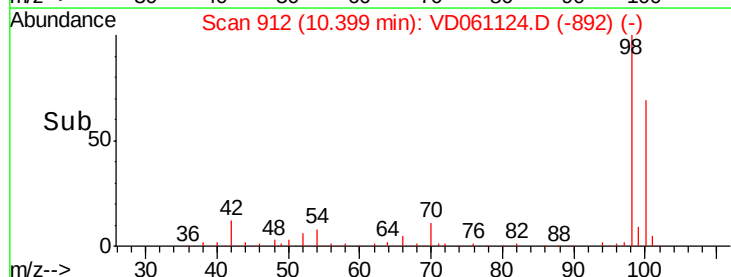
Ion Ratio Lower Upper

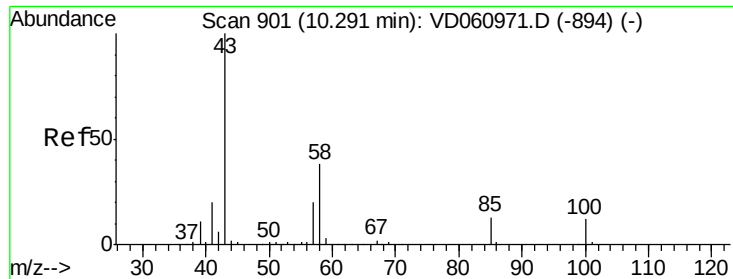
98 100

100 69.3 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD
Ion 100.05 (99.75 to 100.75): VD





#51

4-Methyl-2-Pentanone

Concen: 1.616 ug/l

RT: 10.35 min Scan# 907

Delta R.T. 0.06 min

Lab File: VD061124.D

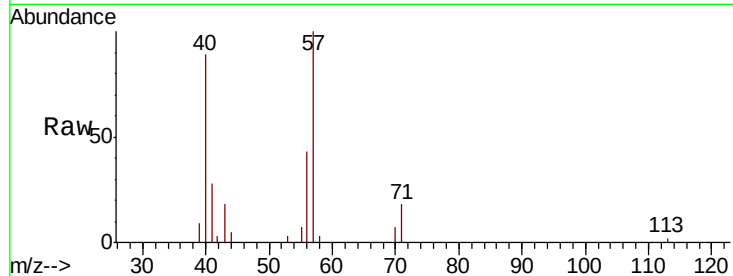
Acq: 16 Mar 2019 23:53

Tgt Ion: 43 Resp: 5459

Ion Ratio Lower Upper

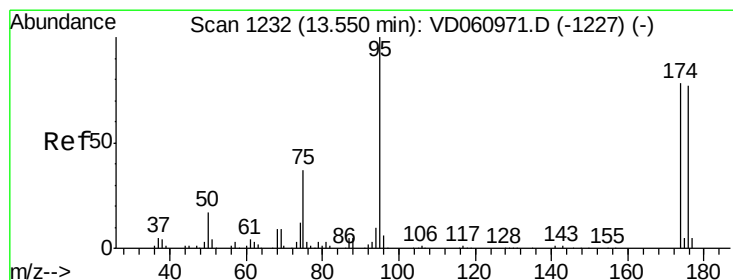
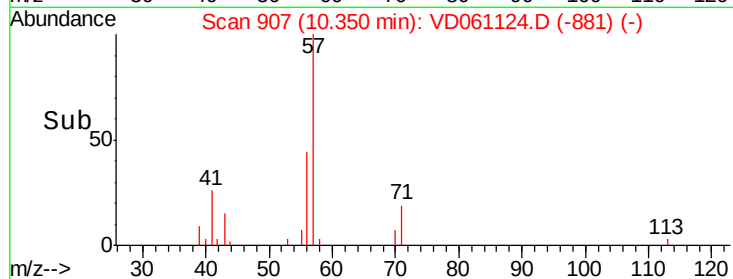
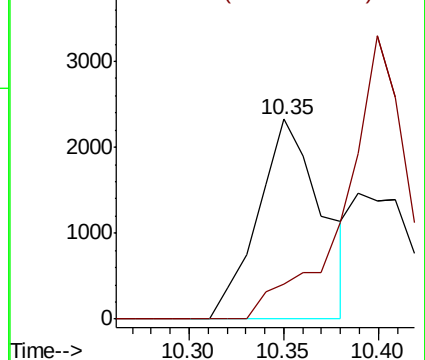
43 100

58 17.8 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061124.D

Acq: 16 Mar 2019 23:53

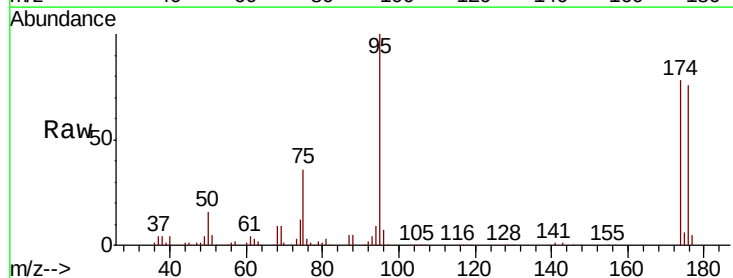
Tgt Ion: 95 Resp: 336163

Ion Ratio Lower Upper

95 100

174 77.6 0.0 155.6

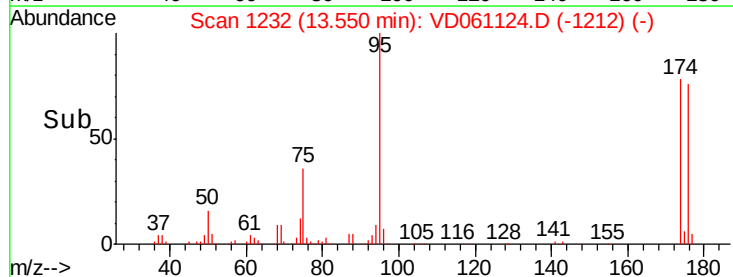
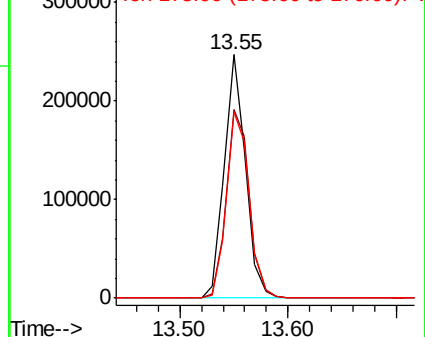
176 76.3 0.0 153.8

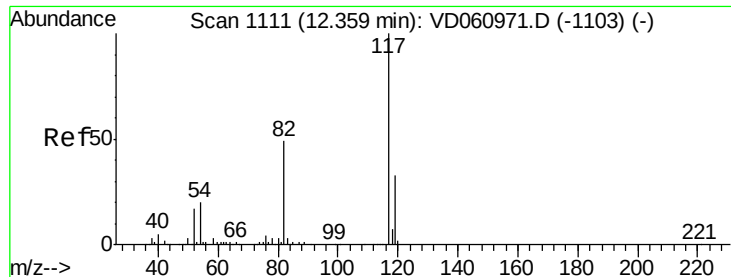


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

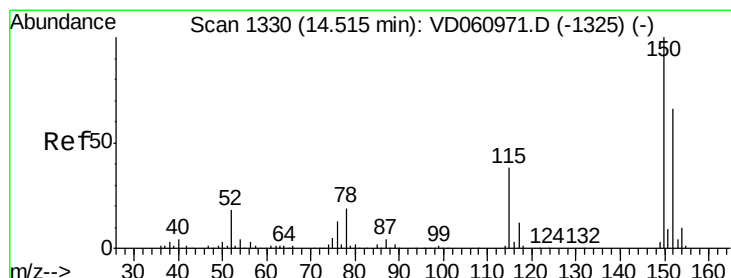
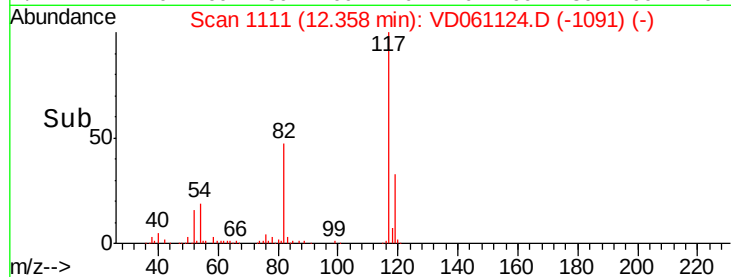
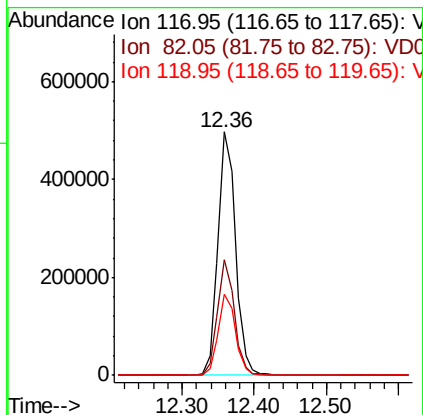
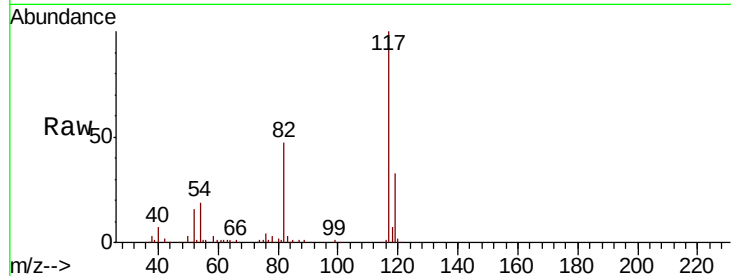
Ion 175.90 (175.60 to 176.60): V





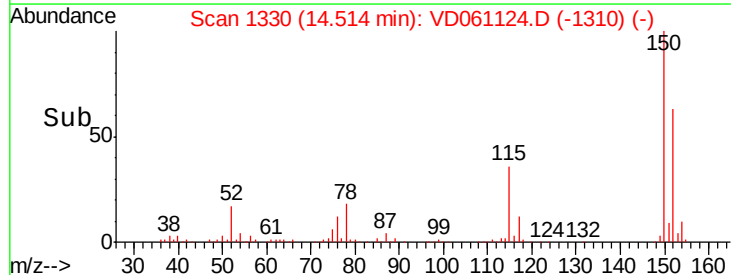
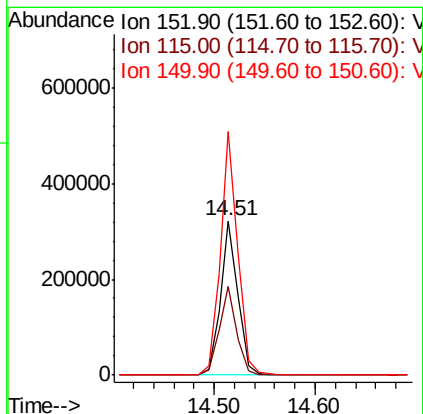
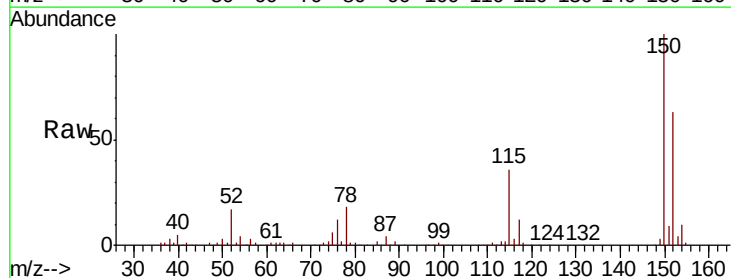
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061124.D
Acq: 16 Mar 2019 23:53

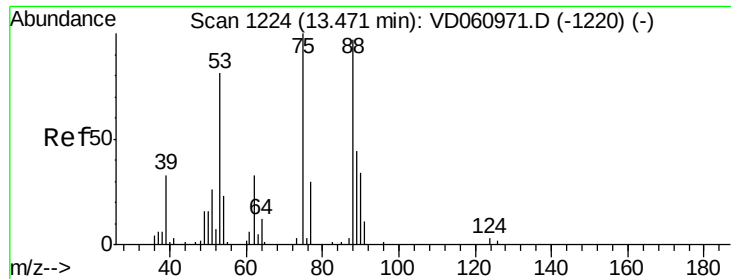
Tgt Ion	Ratio	Lower	Upper
117	100		
82	47.3	38.9	58.3
119	33.2	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061124.D
Acq: 16 Mar 2019 23:53

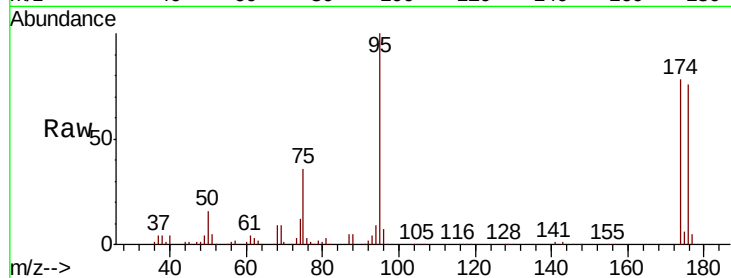
Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.6	85.9
150	157.7	0.0	310.6





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.969 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

Tgt Ion: 75 Resp: 119340
 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

