

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061052.D
 Acq On : 13 Mar 2019 19:49
 Operator : VA/AP
 Sample : K1871-05RE
 Misc : 6.98g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

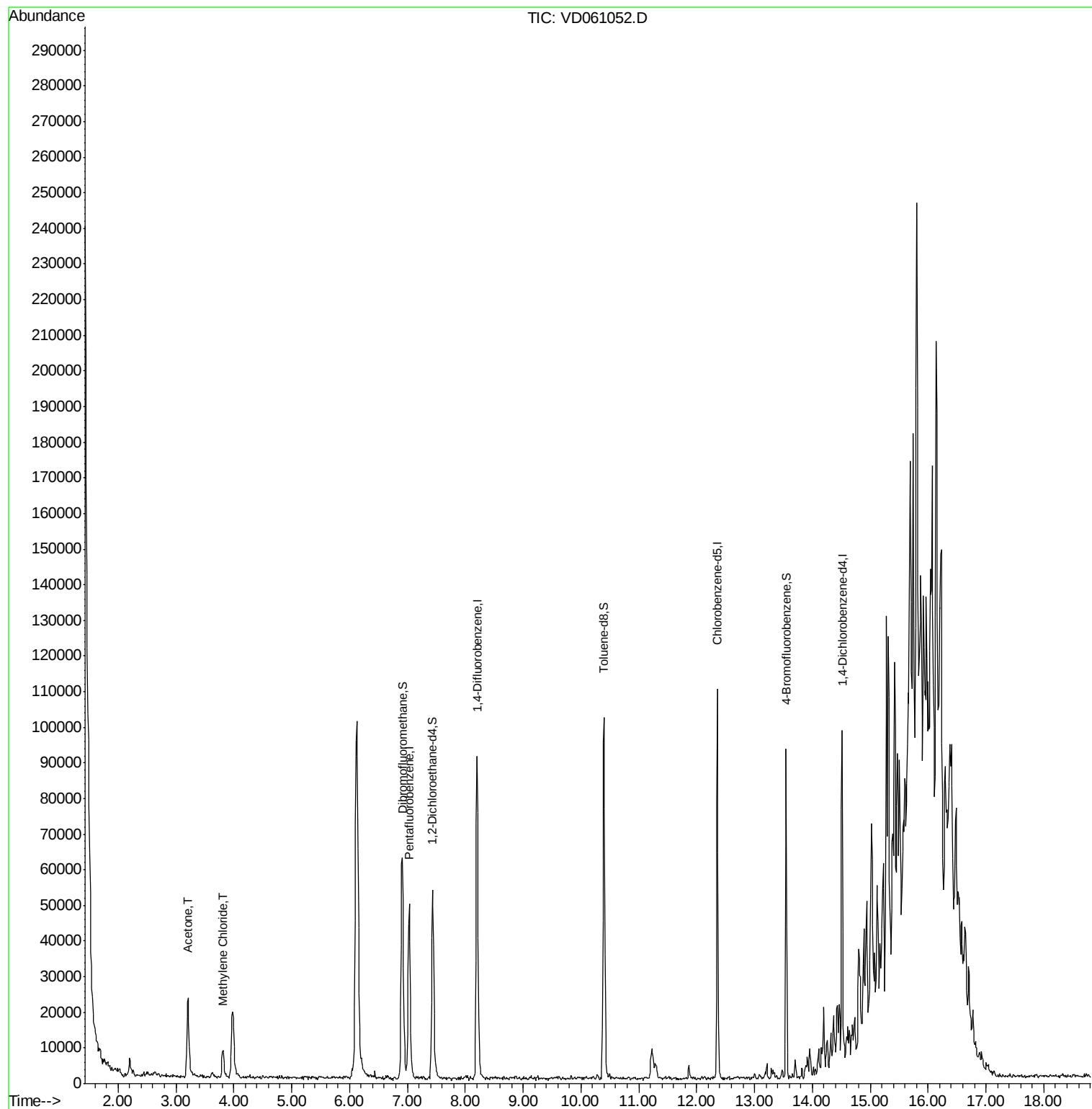
Quant Time: Mar 14 03:28:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	49670	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	107543	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	67179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	17634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	54043	130.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	261.42%	
35) Dibromofluoromethane	6.90	113	60839	76.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	152.46%	
50) Toluene-d8	10.40	98	93048	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
62) 4-Bromofluorobenzene	13.55	95	29122	37.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.90%	
Target Compounds						
16) Acetone	3.21	43	45801	387.394	ug/l	96
20) Methylene Chloride	3.81	84	5702	6.522	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061052.D

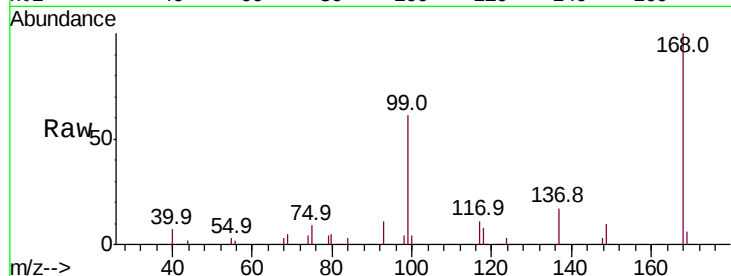
Acq: 13 Mar 2019 19:49

Tot Ion:168 Resp: 49670

Ion Ratio Lower Upper

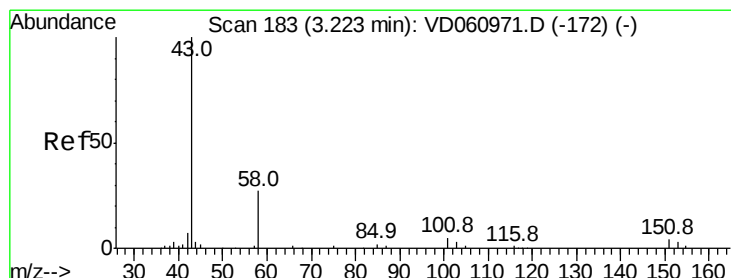
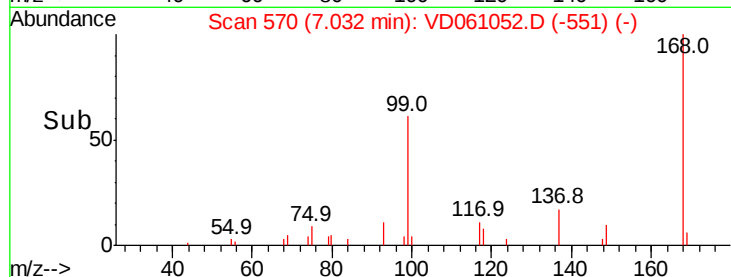
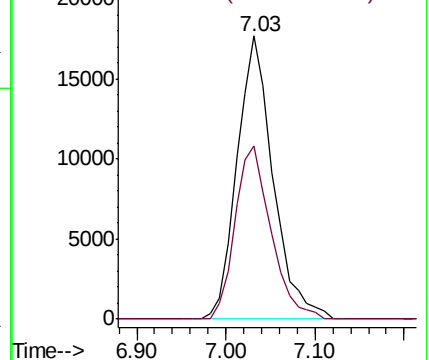
168 100

99 61.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 387.394 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061052.D

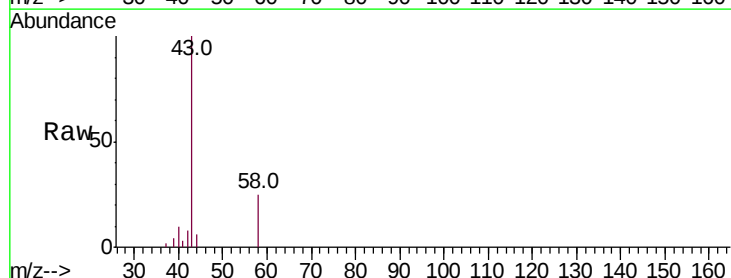
Acq: 13 Mar 2019 19:49

Tgt Ion: 43 Resp: 45801

Ion Ratio Lower Upper

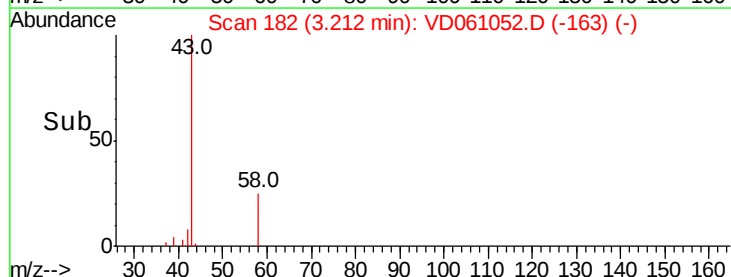
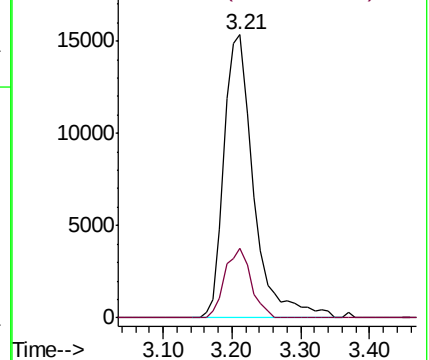
43 100

58 24.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

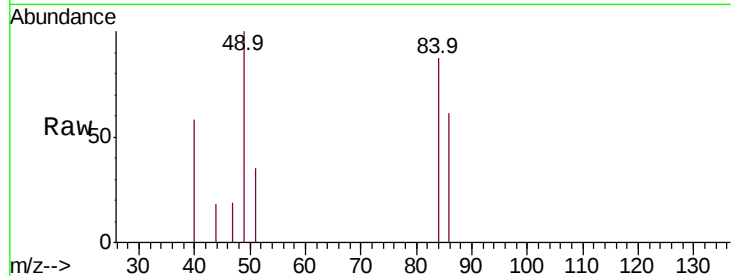
Ion 57.95 (57.65 to 58.65): VDC



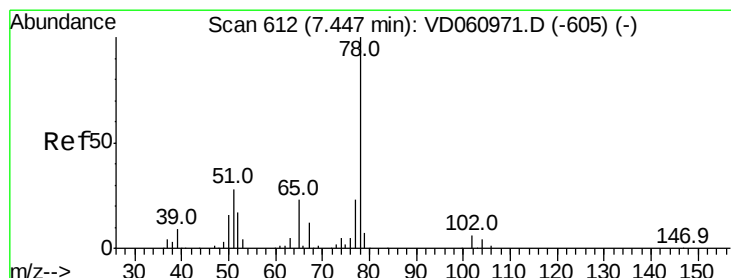
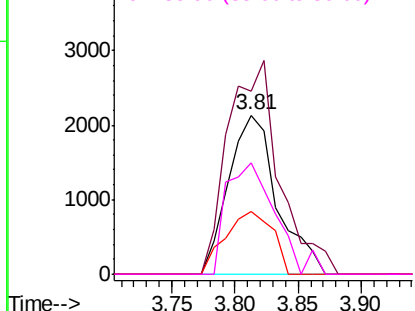
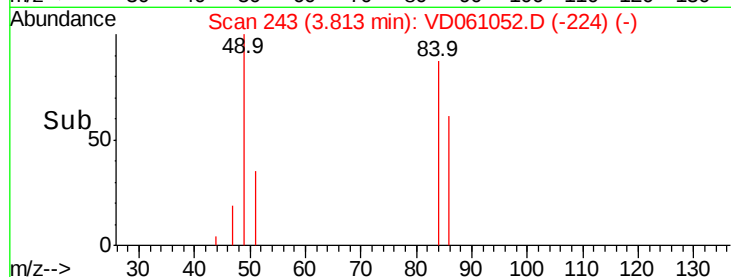


#20
Methylene Chloride
Concen: 6.522 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061052.D
Acq: 13 Mar 2019 19:49

Tot Ion:	84	Resp:	5702
Ion	Ratio	Lower	Upper
84	100		
49	115.4	104.2	156.2
51	39.8	32.3	48.5
86	69.9	52.3	78.5

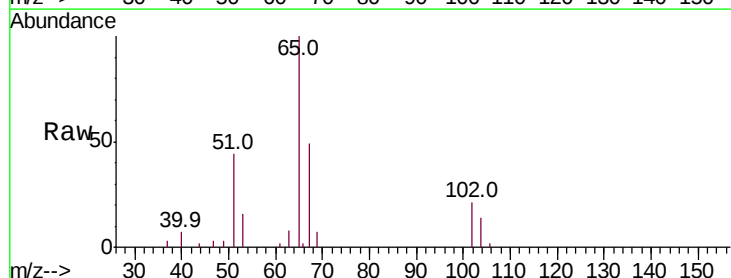


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

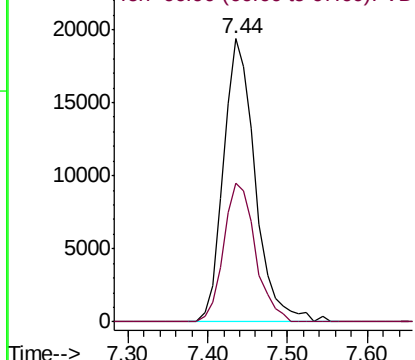
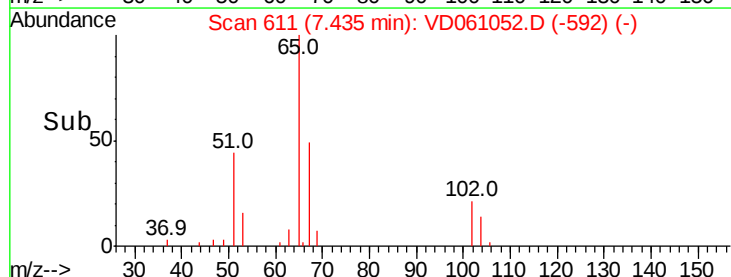


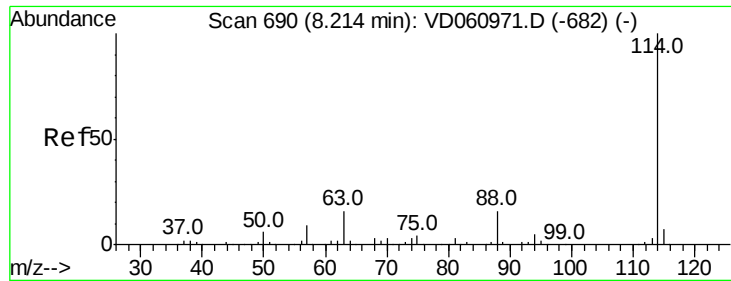
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061052.D
Acq: 13 Mar 2019 19:49

Tgt Ion:	65	Resp:	54043
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	105.2



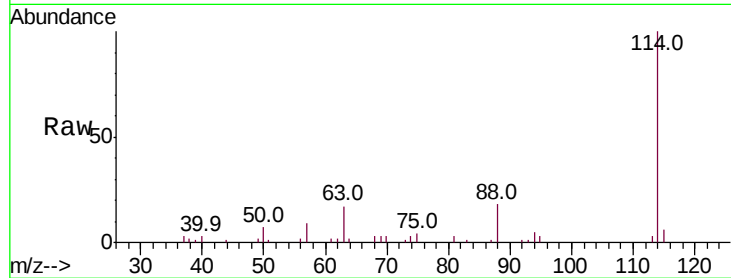
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



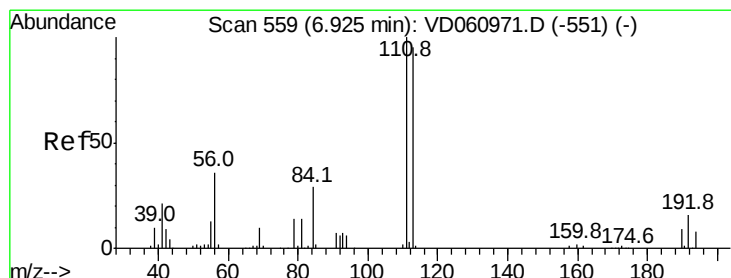
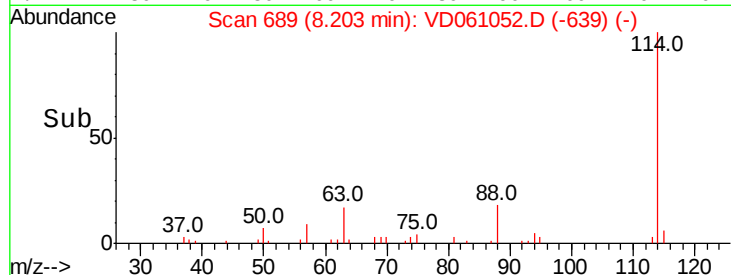
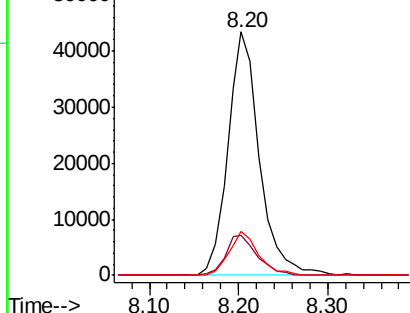


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061052.D
 Acq: 13 Mar 2019 19:49

Tot Ion:114 Resp: 107543
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.4
 88 18.2 0.0 33.0

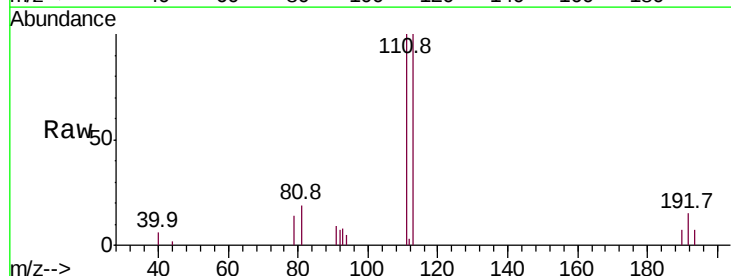


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

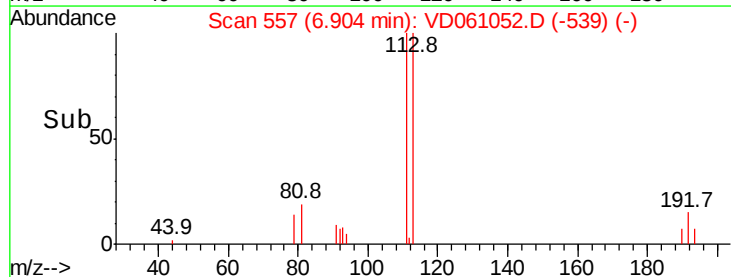
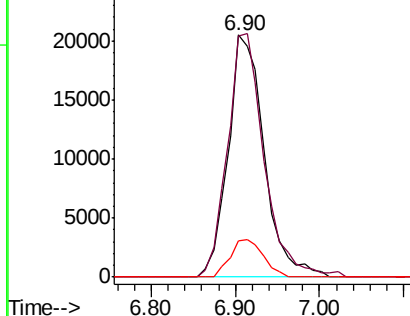


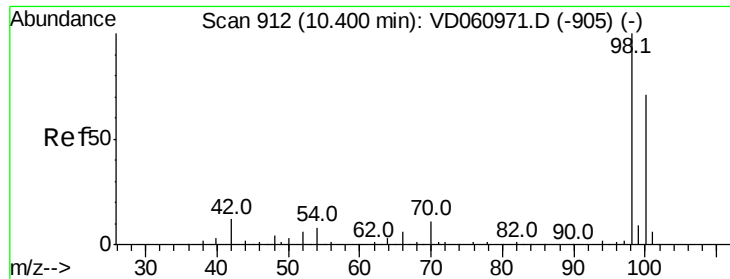
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061052.D
 Acq: 13 Mar 2019 19:49

Tgt Ion:113 Resp: 60839
 Ion Ratio Lower Upper
 113 100
 111 99.7 84.2 126.4
 192 15.0 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061052.D

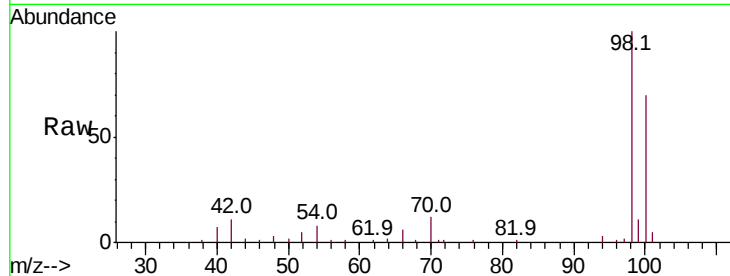
Acq: 13 Mar 2019 19:49

Tot Ion: 98 Resp: 93048

Ion Ratio Lower Upper

98 100

100 69.5 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

40000

30000

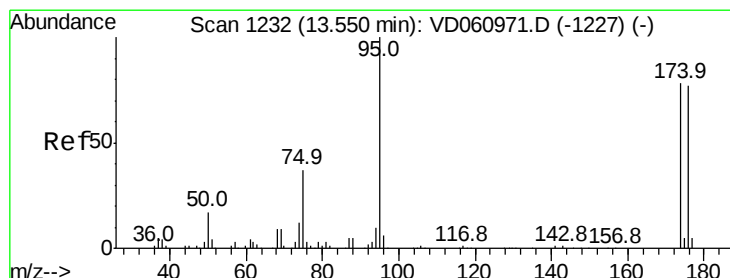
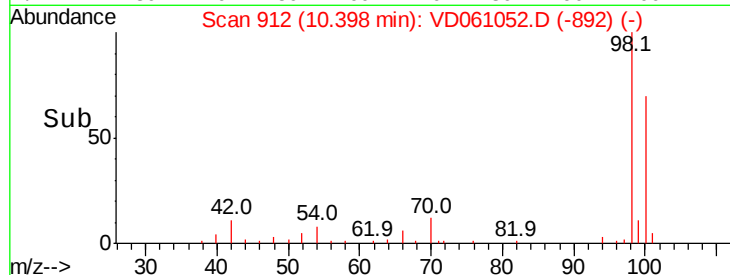
20000

10000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061052.D

Acq: 13 Mar 2019 19:49

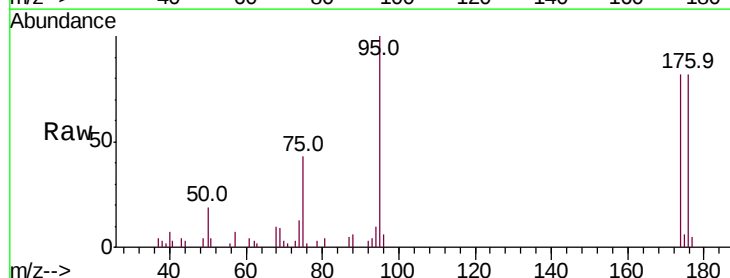
Tgt Ion: 95 Resp: 29122

Ion Ratio Lower Upper

95 100

174 82.4 0.0 155.6

176 82.0 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) (-)

25000

20000

15000

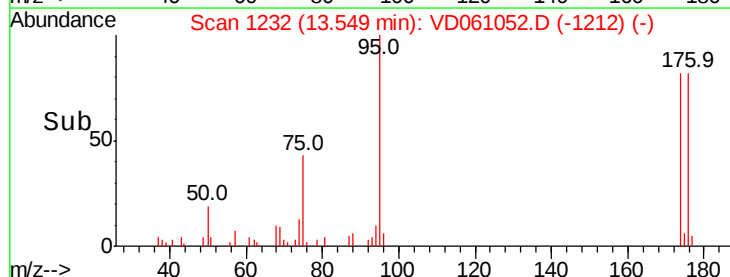
10000

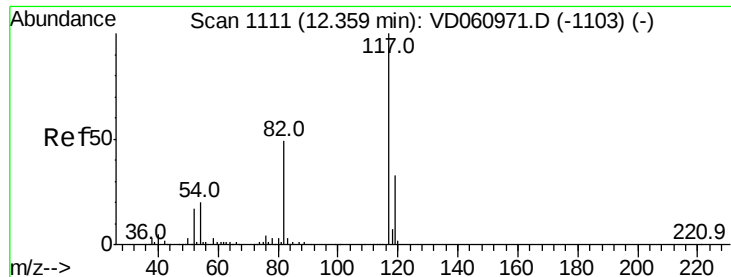
5000

0

Time-->

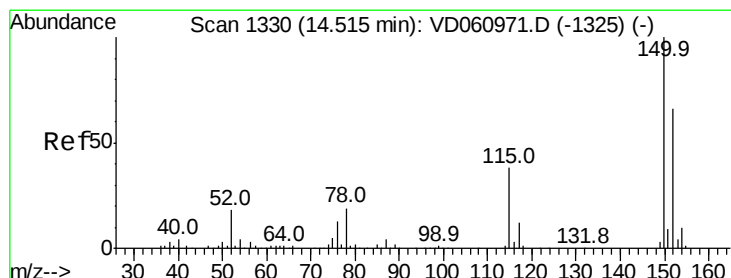
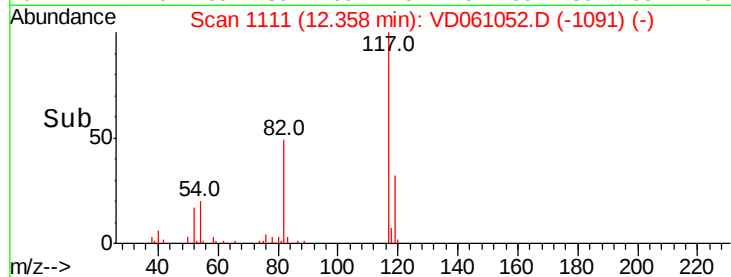
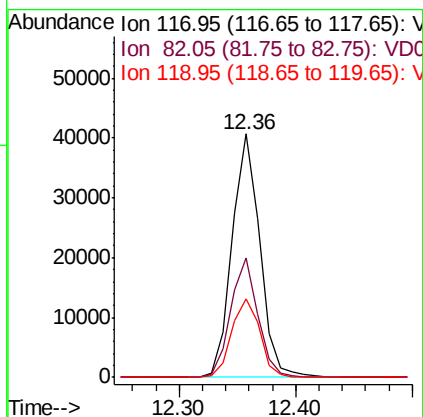
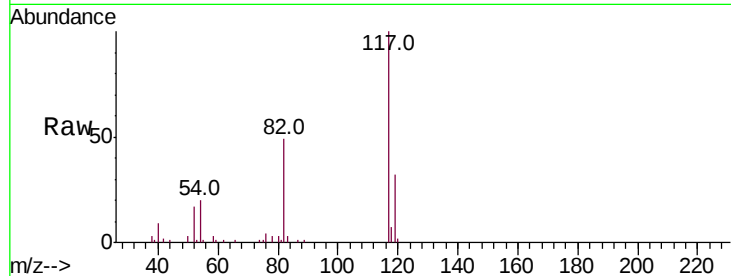
13.50 13.55 13.60





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061052.D
Acq: 13 Mar 2019 19:49

Tot Ion:117 Resp: 67179
Ion Ratio Lower Upper
117 100
82 49.3 38.9 58.3
119 32.1 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: VD061052.D
Acq: 13 Mar 2019 19:49

Tgt Ion:152 Resp: 17634
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.9
150 170.0 0.0 310.6

