

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061204.D
 Acq On : 20 Mar 2019 13:27
 Operator : VA/AP
 Sample : K1987-01RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190143-COMPOSITE-BRE

Quant Time: Mar 22 02:22:15 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

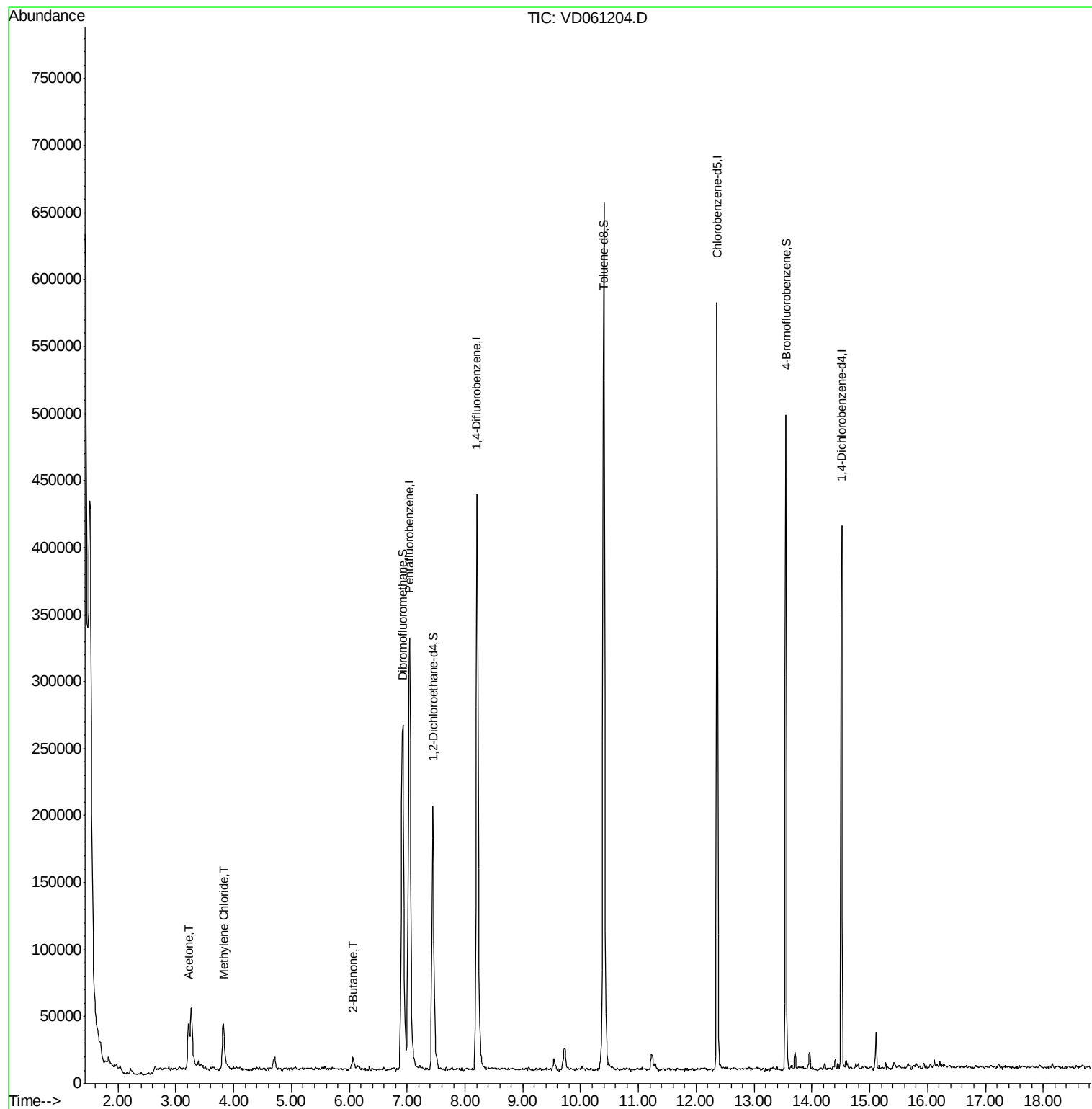
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	335738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	553460	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	351181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	100016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	188997	67.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.26%	
35) Dibromofluoromethane	6.91	113	270314	65.81	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	131.62%	
50) Toluene-d8	10.40	98	574148	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
62) 4-Bromofluorobenzene	13.55	95	146822	36.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.38%	
Target Compounds						
16) Acetone	3.22	43	73539	92.022	ug/l	97
20) Methylene Chloride	3.82	84	26627	2.916	ug/l	84
25) 2-Butanone	6.06	43	21299	23.488	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061204.D
Acq On : 20 Mar 2019 13:27
Operator : VA/AP
Sample : K1987-01RE
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190143-COMPOSITE-BRE

Quant Time: Mar 22 02:22:15 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: VD061204.D

Acq: 20 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

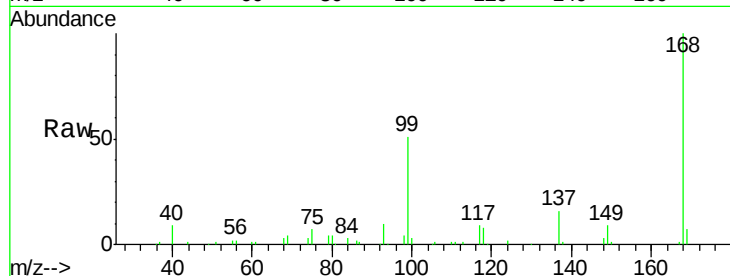
20190143-COMPOSITE-BRE

Tot Ion:168 Resp: 335738

Ion Ratio Lower Upper

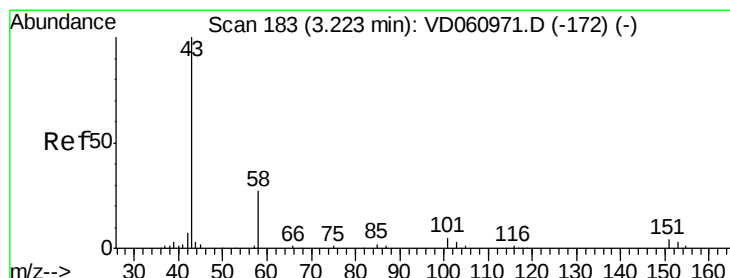
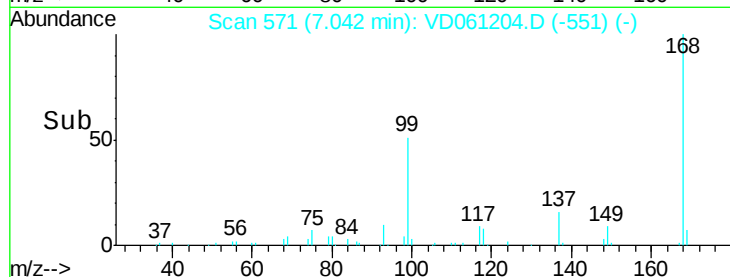
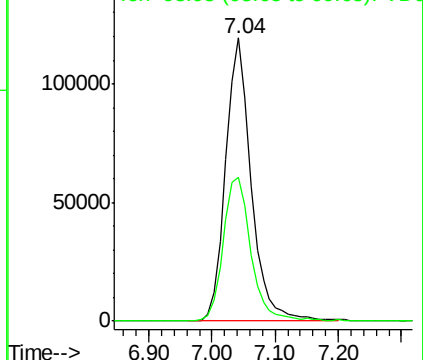
168 100

99 50.9 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: 92.022 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061204.D

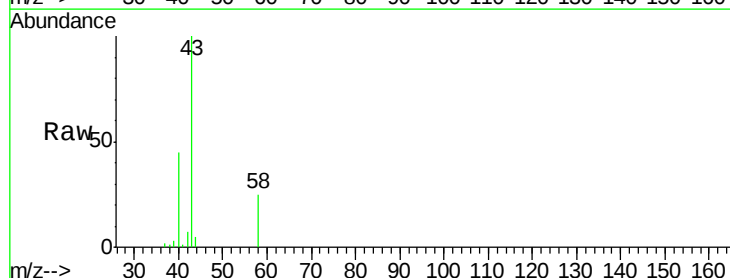
Acq: 20 Mar 2019 13:27

Tgt Ion: 43 Resp: 73539

Ion Ratio Lower Upper

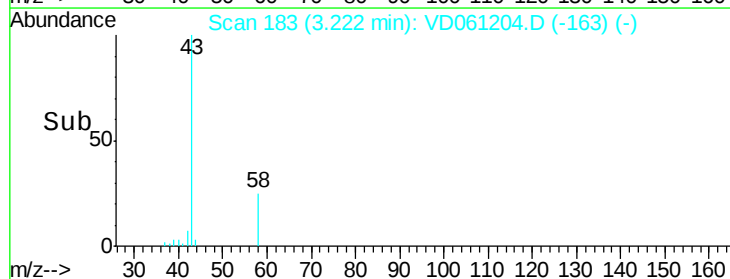
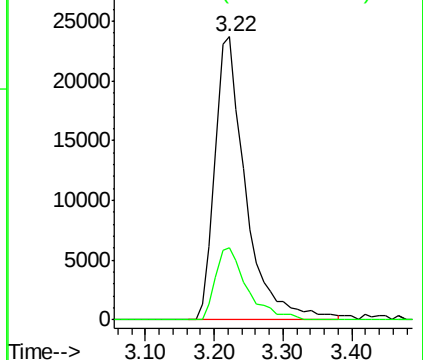
43 100

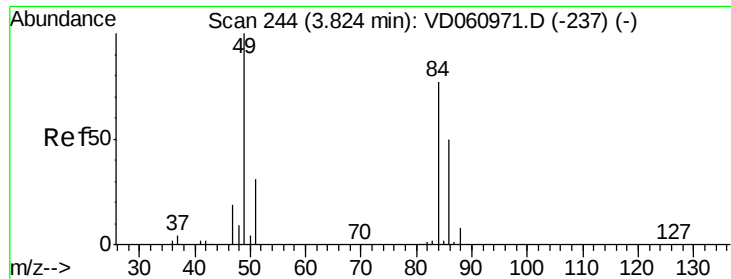
58 25.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

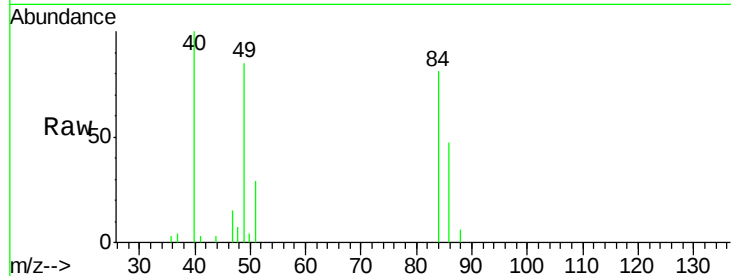




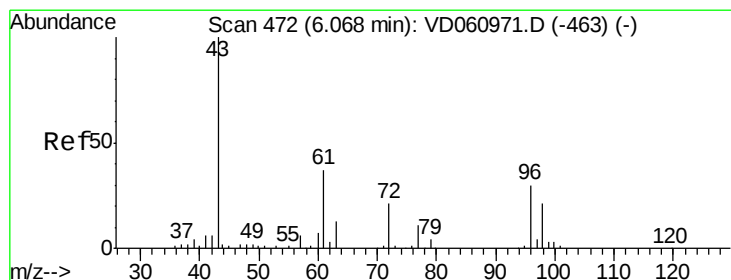
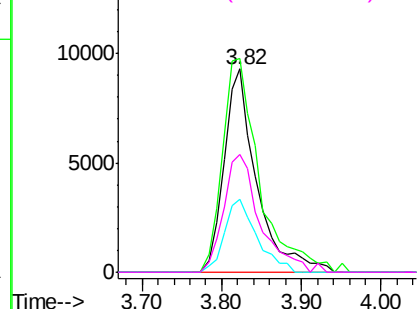
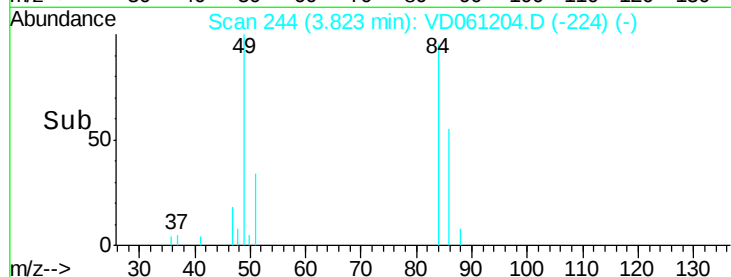
#20
Methvlene Chloride
Concen: 2.916 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061204.D
Acq: 20 Mar 2019 13:27

Instrument :
MSVOA_D
ClientSampleId :
20190143-COMPOSITE-BRE

Tot Ion: 84 Resp: 26627
Ion Ratio Lower Upper
84 100
49 105.2 104.2 156.2
51 35.7 32.3 48.5
86 58.2 52.3 78.5

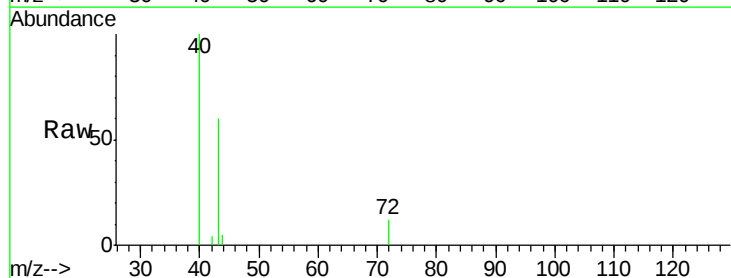


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

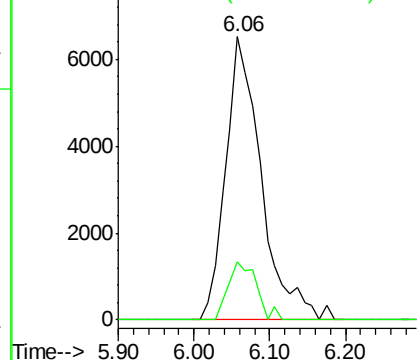
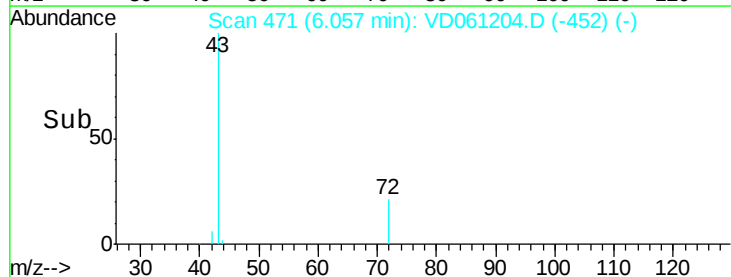


#25
2-Butanone
Concen: 23.488 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD061204.D
Acq: 20 Mar 2019 13:27

Tgt Ion: 43 Resp: 21299
Ion Ratio Lower Upper
43 100
72 20.6 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): 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: VD061204.D

Acq: 20 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

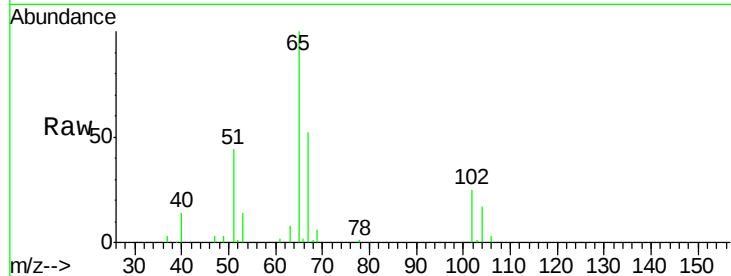
20190143-COMPOSITE-BRE

Tot Ion: 65 Resp: 188997

Ion Ratio Lower Upper

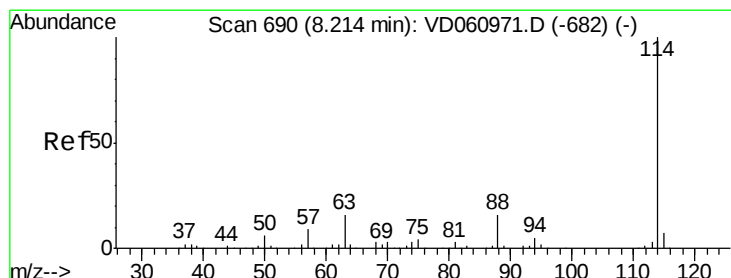
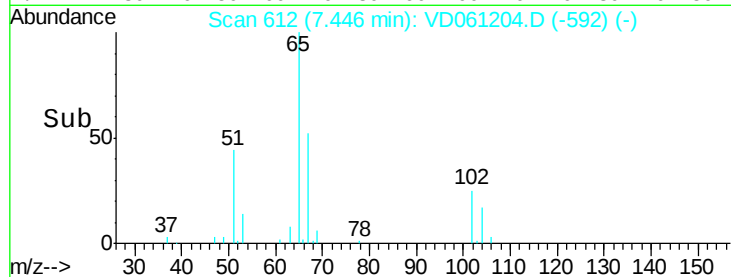
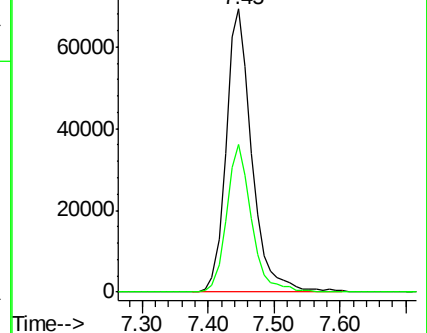
65 100

67 52.3 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: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061204.D

Acq: 20 Mar 2019 13:27

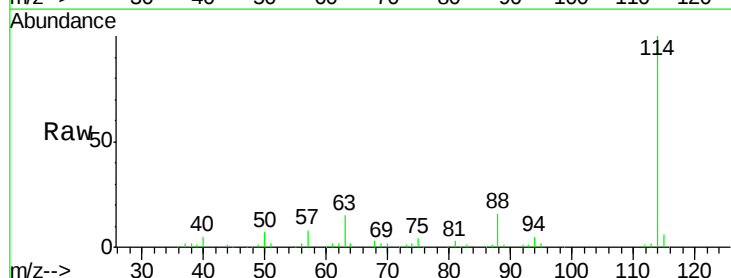
Tgt Ion: 114 Resp: 553460

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.4

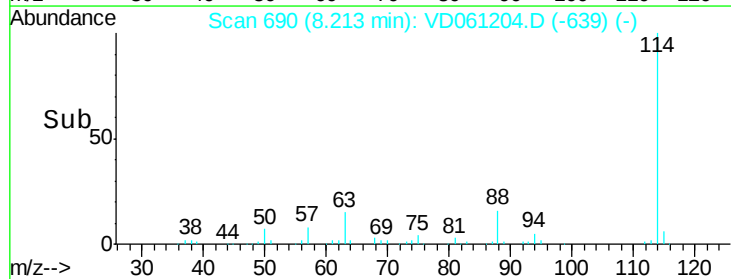
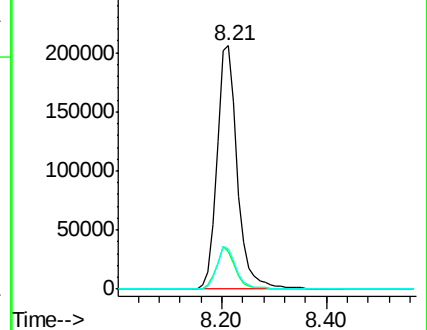
88 16.2 0.0 33.0

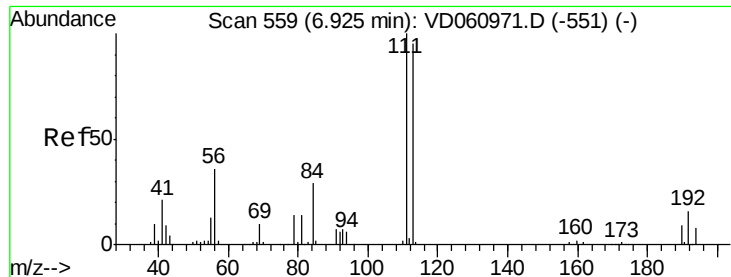


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061204.D

Acq: 20 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

20190143-COMPOSITE-BRE

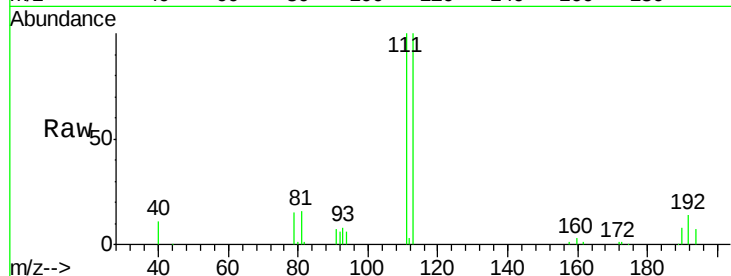
Tot Ion:113 Resp: 270314

Ion Ratio Lower Upper

113 100

111 100.5 84.2 126.4

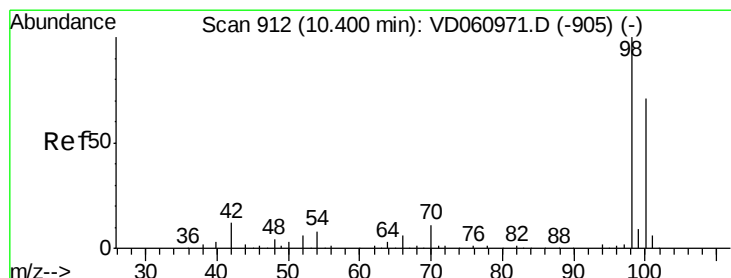
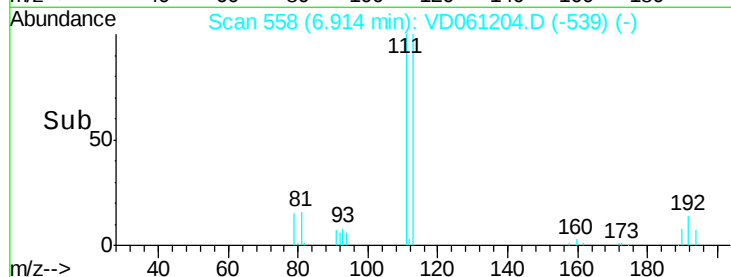
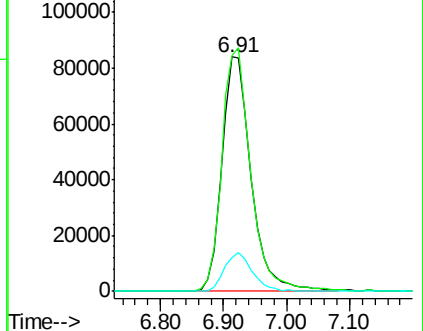
192 14.5 13.1 19.7



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: VD061204.D

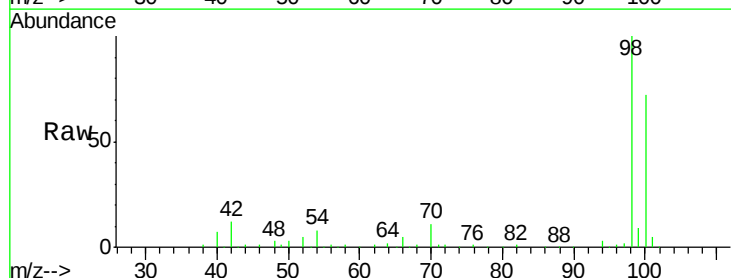
Acq: 20 Mar 2019 13:27

Tgt Ion: 98 Resp: 574148

Ion Ratio Lower Upper

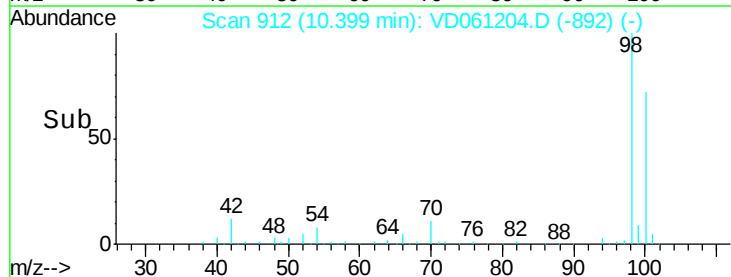
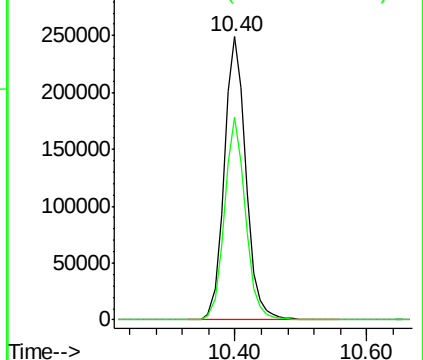
98 100

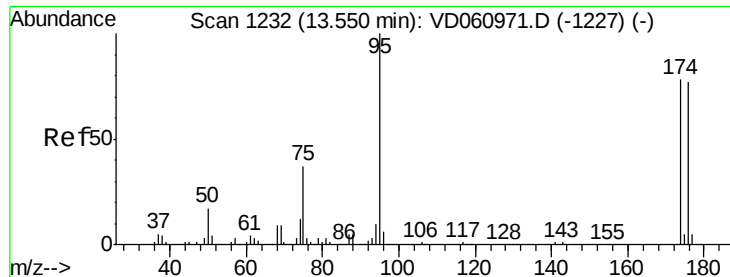
100 71.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061204.D

Acq: 20 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

20190143-COMPOSITE-BRE

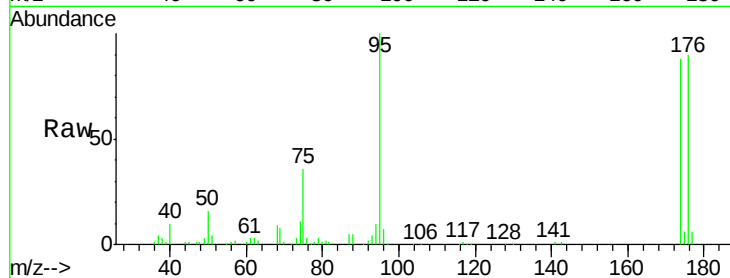
Tot Ion: 95 Resp: 146822

Ion Ratio Lower Upper

95 100

174 87.9 0.0 155.6

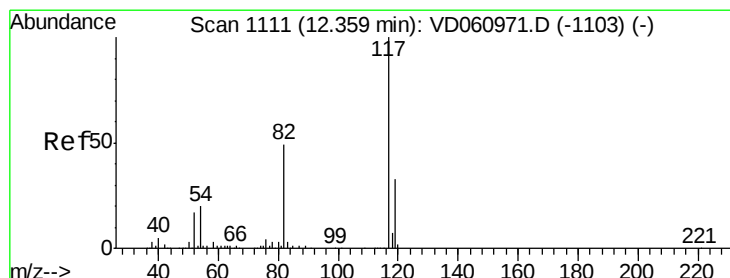
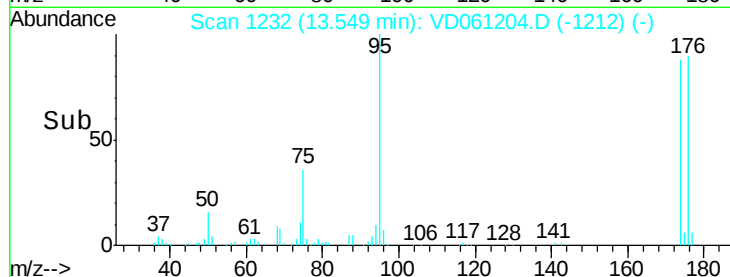
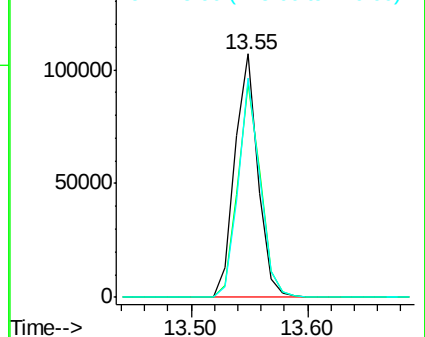
176 90.2 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD061204.D

Acq: 20 Mar 2019 13:27

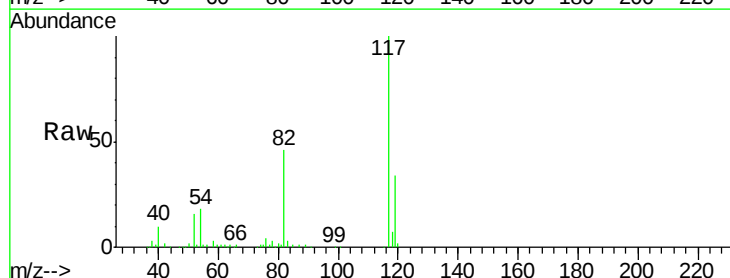
Tgt Ion: 117 Resp: 351181

Ion Ratio Lower Upper

117 100

82 45.6 38.9 58.3

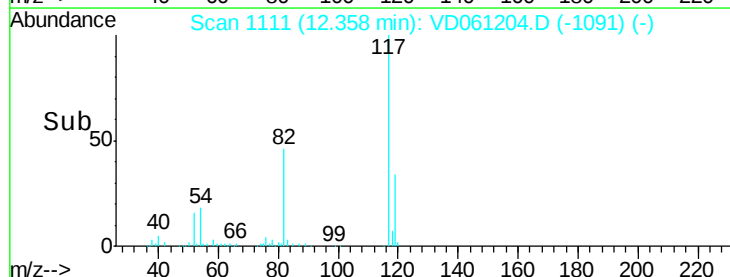
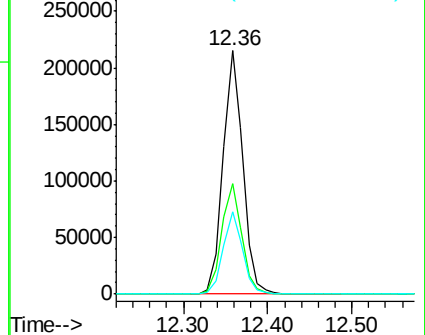
119 33.7 26.6 39.8

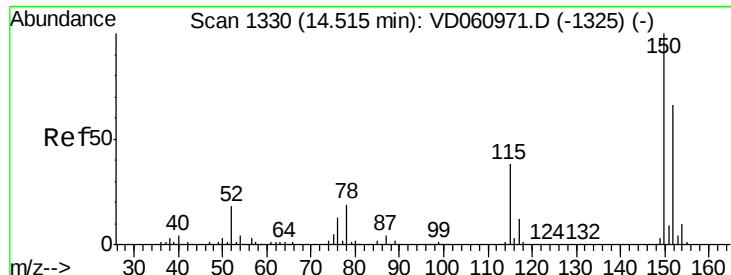


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

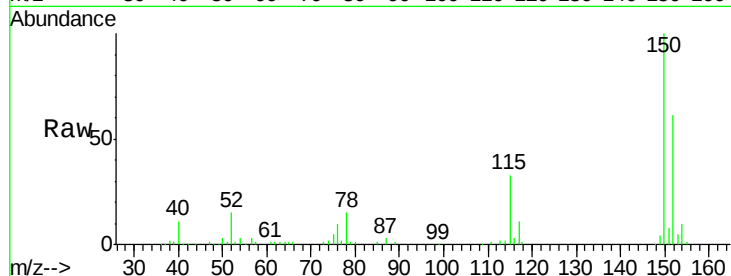




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061204.D
 Acq: 20 Mar 2019 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 20190143-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.6	85.9
150	164.4	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

