

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061212.D
 Acq On : 20 Mar 2019 17:08
 Operator : VA/AP
 Sample : K1984-03RE
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11(6-7)RE

Quant Time: Mar 22 02:39:48 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

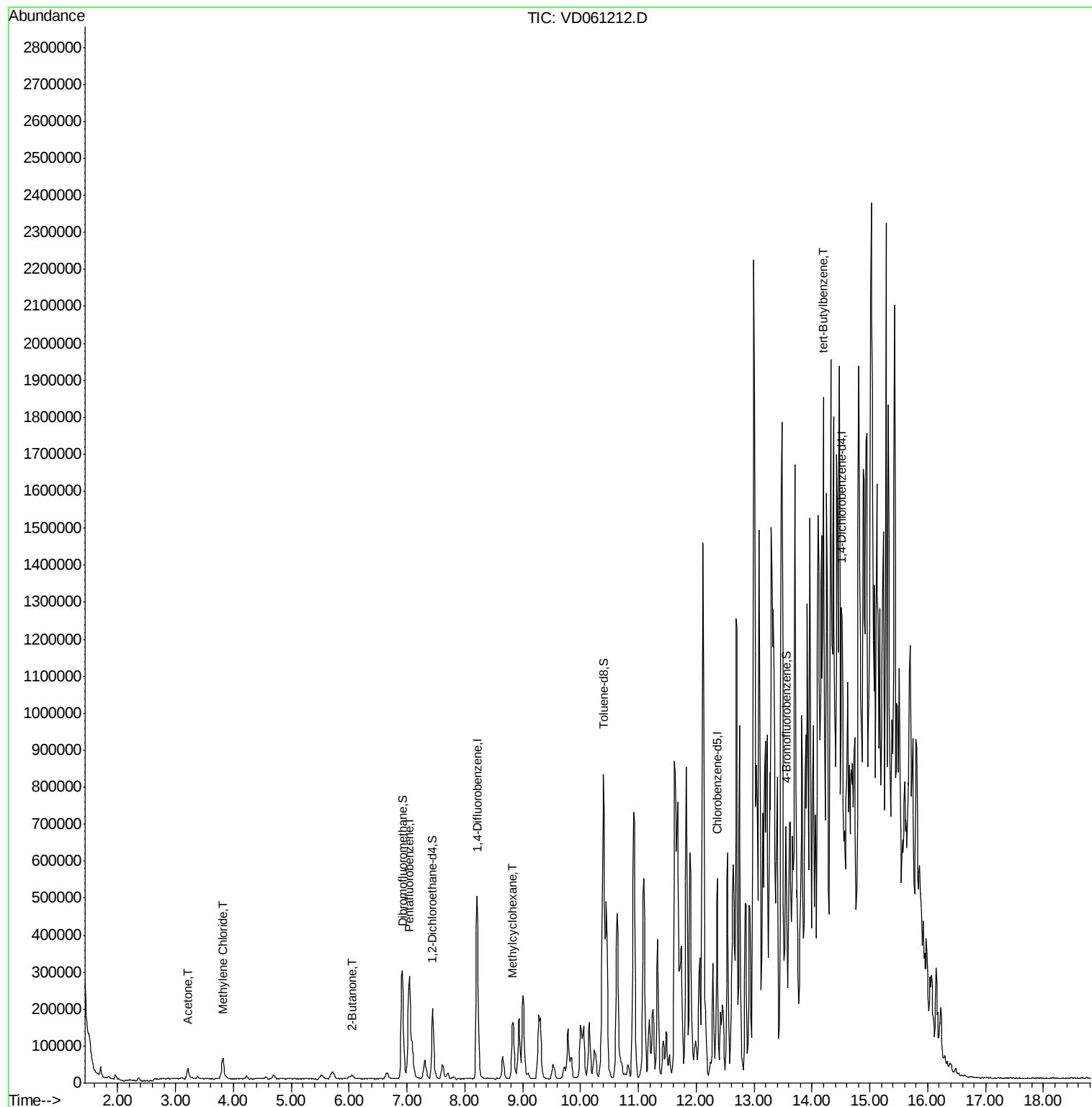
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	320392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	613176	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	304407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	84770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	183336	68.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.50%	
35) Dibromofluoromethane	6.92	113	294208	64.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.30%	
50) Toluene-d8	10.41	98	496092	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.82%	
62) 4-Bromofluorobenzene	13.55	95	151425	34.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.30%	
Target Compounds						
16) Acetone	3.22	43	59730	78.322	ug/l	93
20) Methylene Chloride	3.81	84	41887	8.142	ug/l	88
25) 2-Butanone	6.05	43	24365	28.156	ug/l #	88
39) Methylcyclohexane	8.83	83	50488	9.212	ug/l #	28
83) tert-Butylbenzene	14.19	119	17717	3.491	ug/l	91

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061212.D

Acq: 20 Mar 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

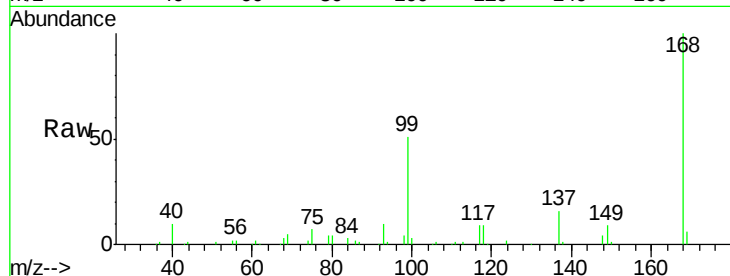
SB-11(6-7)RE

Tot Ion:168 Resp: 320392

Ion Ratio Lower Upper

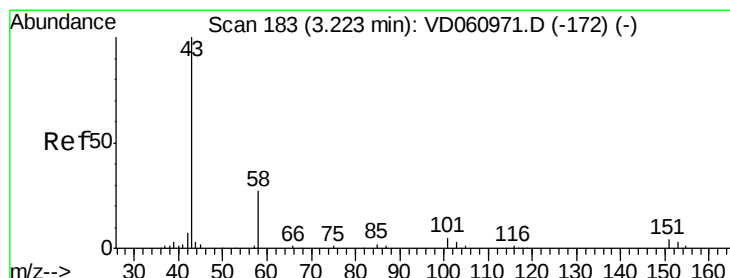
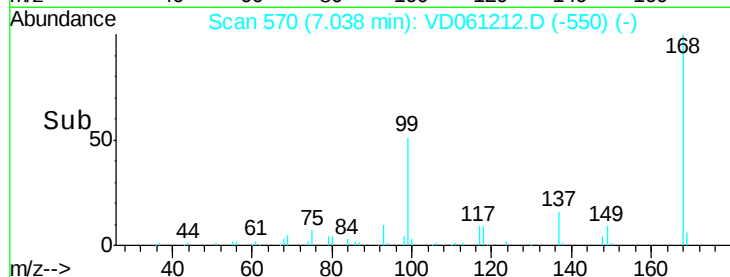
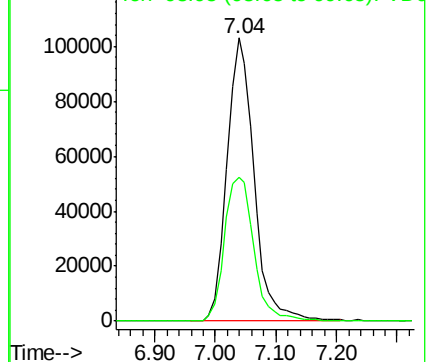
168 100

99 50.8 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: 78.322 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061212.D

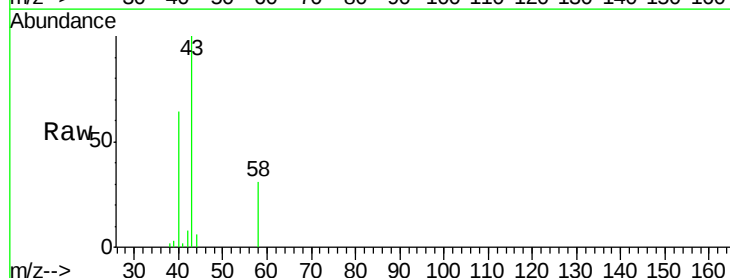
Acq: 20 Mar 2019 17:08

Tgt Ion: 43 Resp: 59730

Ion Ratio Lower Upper

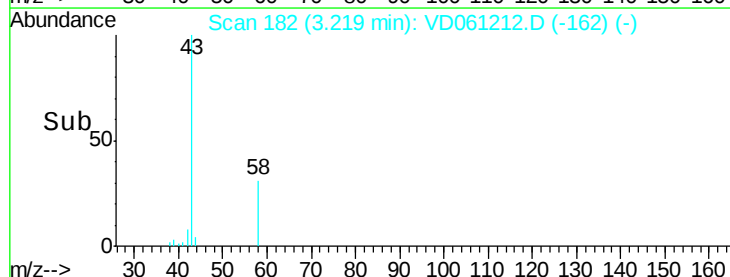
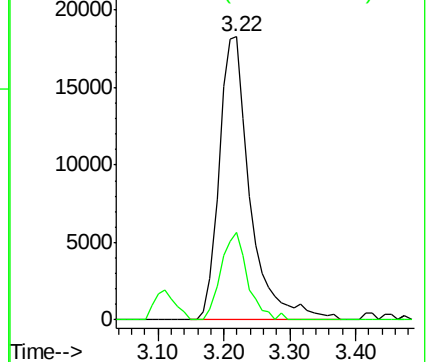
43 100

58 30.8 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

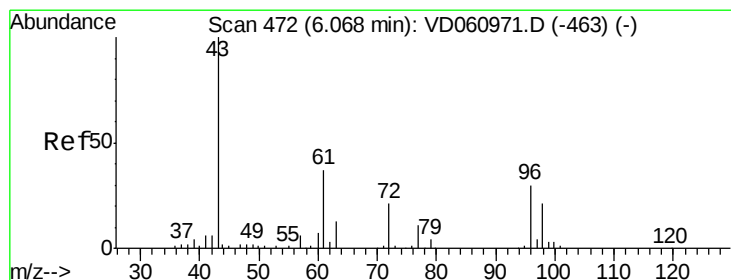
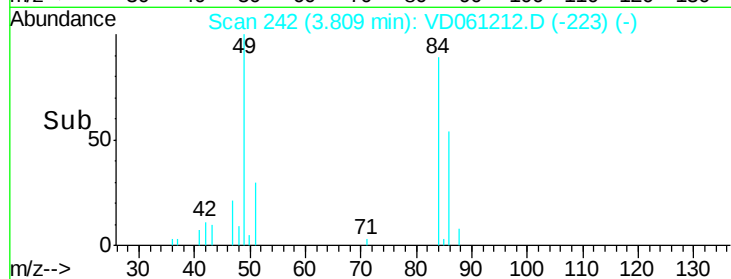
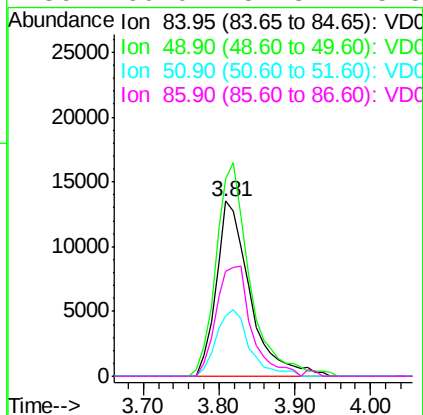
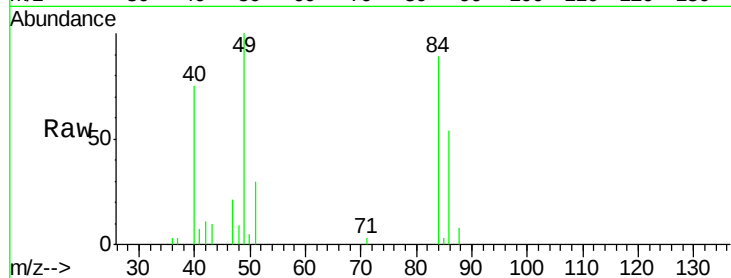




#20
Methylene Chloride
Concen: 8.142 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD061212.D
Acq: 20 Mar 2019 17:08

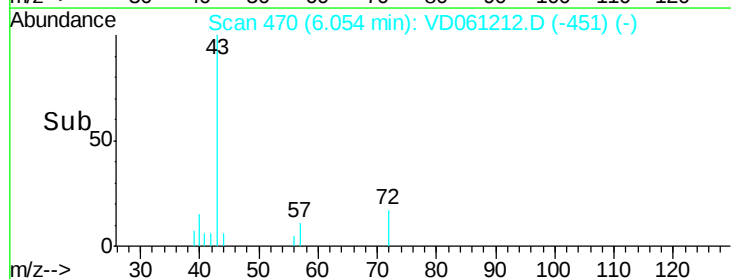
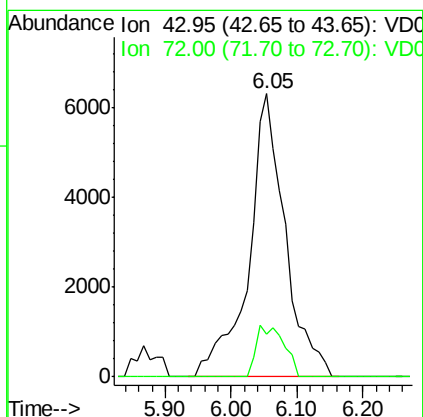
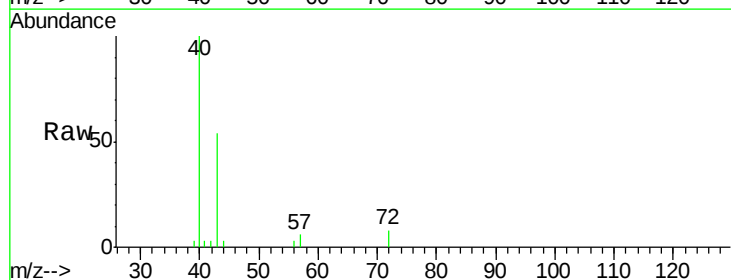
Instrument :
MSVOA_D
ClientSampleId :
SB-11(6-7)RE

Tot Ion	84	Resp	41887
Ion	Ratio	Lower	Upper
84	100		
49	112.1	104.2	156.2
51	34.1	32.3	48.5
86	60.0	52.3	78.5



#25
2-Butanone
Concen: 28.156 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.01 min
Lab File: VD061212.D
Acq: 20 Mar 2019 17:08

Tgt Ion	43	Resp	24365
Ion	Ratio	Lower	Upper
43	100		
72	15.3	16.7	25.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD061212.D

Acq: 20 Mar 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

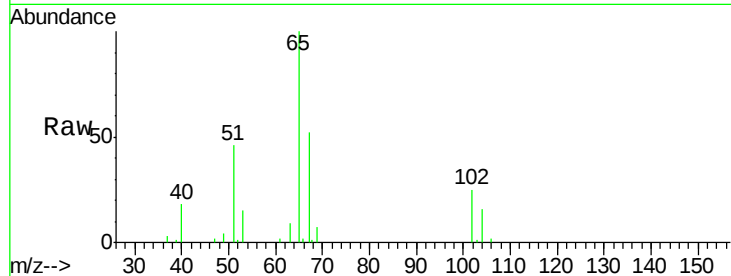
SB-11(6-7)RE

Tot Ion: 65 Resp: 183336

Ion Ratio Lower Upper

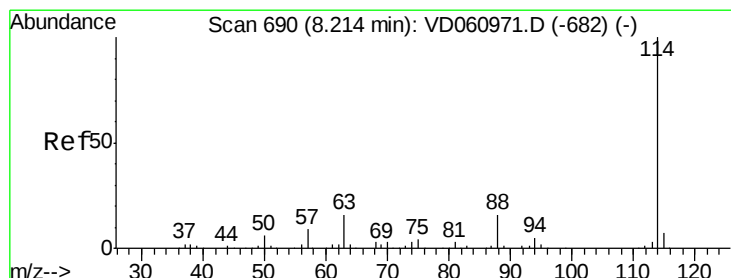
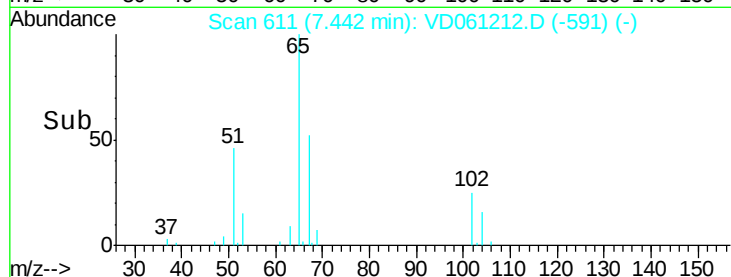
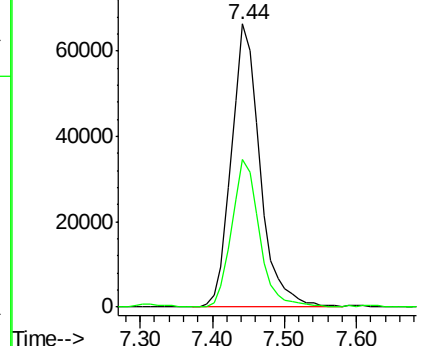
65 100

67 52.4 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# 689

Delta R.T. -0.00 min

Lab File: VD061212.D

Acq: 20 Mar 2019 17:08

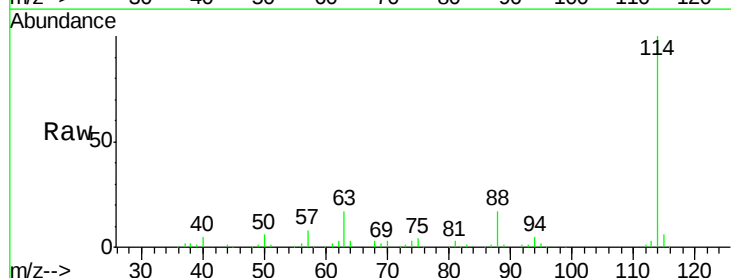
Tgt Ion: 114 Resp: 613176

Ion Ratio Lower Upper

114 100

63 17.1 0.0 31.4

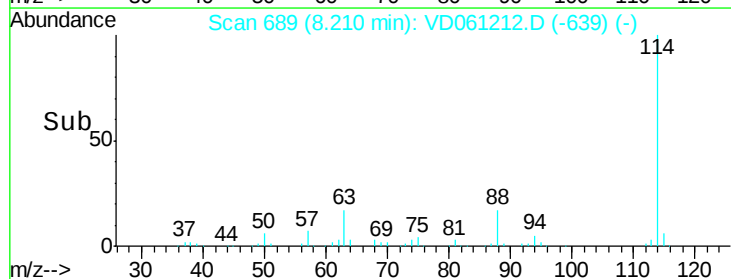
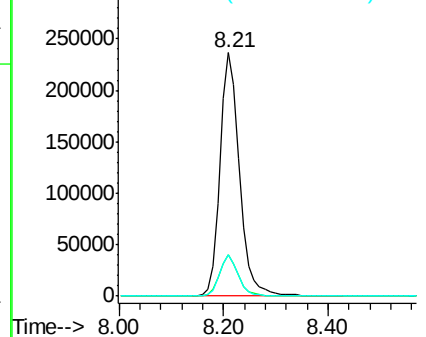
88 16.9 0.0 33.0



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: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061212.D

Acq: 20 Mar 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

SB-11(6-7)RE

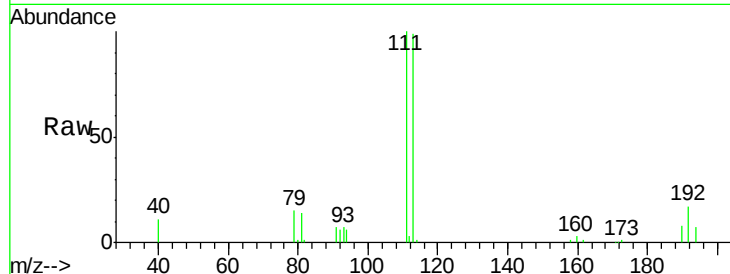
Tot Ion:113 Resp: 294208

Ion Ratio Lower Upper

113 100

111 100.7 84.2 126.4

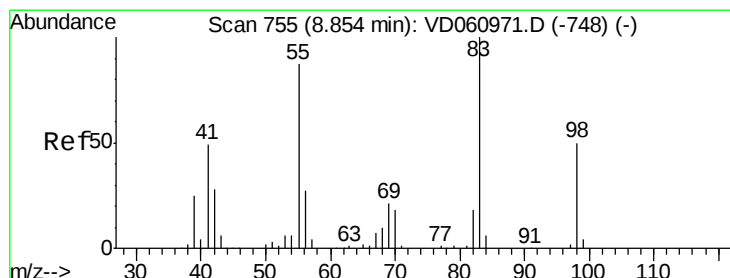
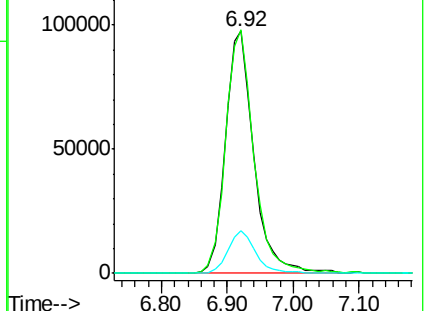
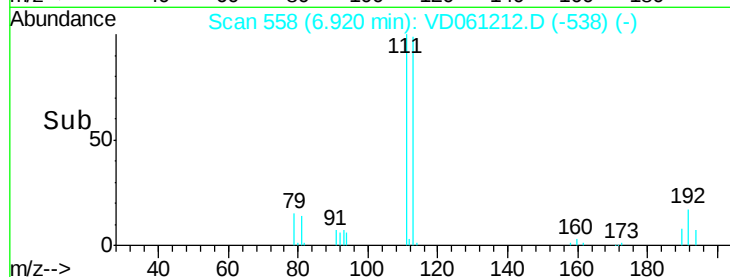
192 17.4 13.1 19.7



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



#39

Methylcyclohexane

Concen: 9.212 ug/l

RT: 8.83 min Scan# 752

Delta R.T. -0.02 min

Lab File: VD061212.D

Acq: 20 Mar 2019 17:08

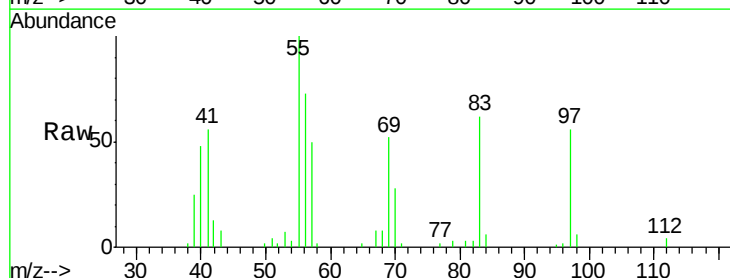
Tgt Ion: 83 Resp: 50488

Ion Ratio Lower Upper

83 100

55 160.8 69.6 104.4#

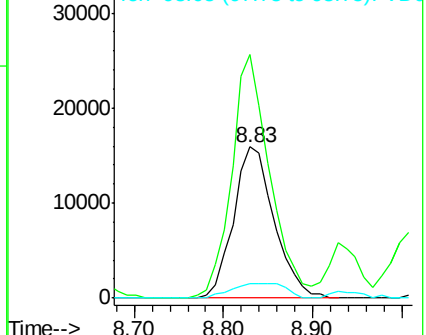
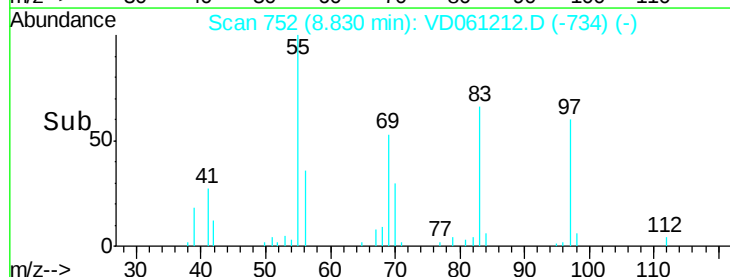
98 9.4 40.0 60.0#

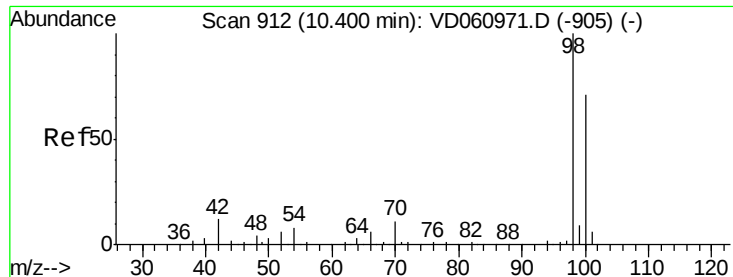


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

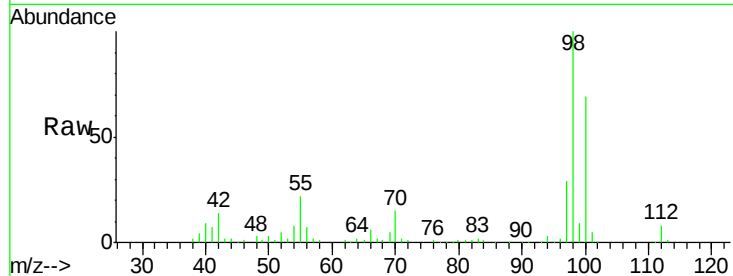




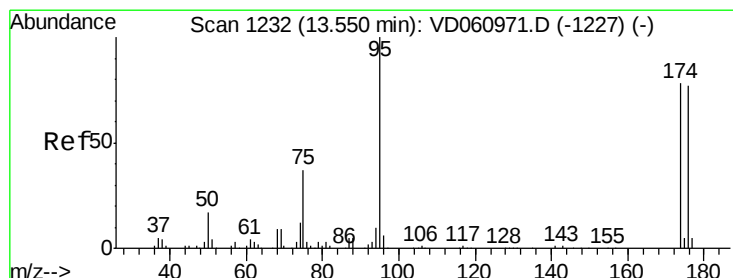
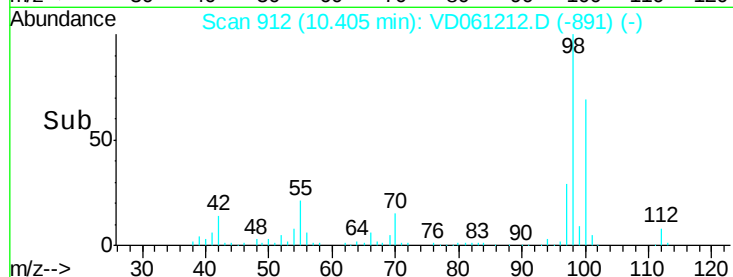
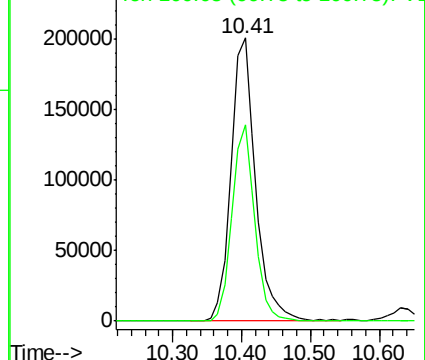
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061212.D
Acq: 20 Mar 2019 17:08

Instrument :
MSVOA_D
ClientSampleId :
SB-11(6-7)RE

Tot Ion: 98 Resp: 496092
Ion Ratio Lower Upper
98 100
100 69.4 57.4 86.2

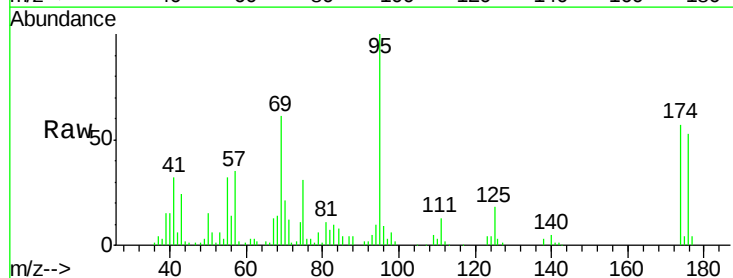


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

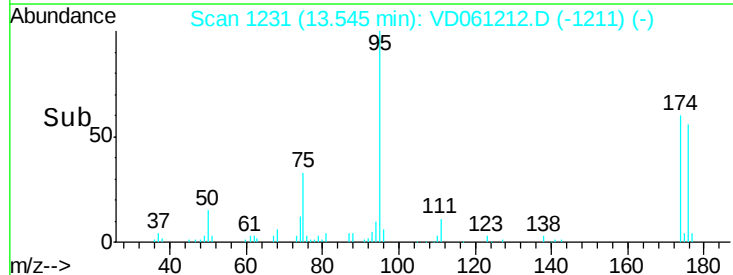
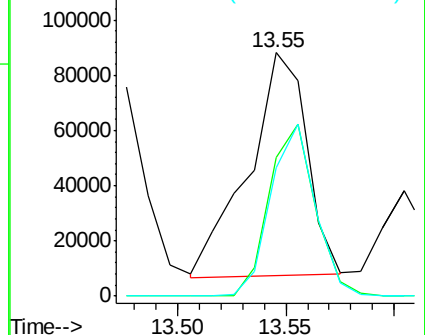


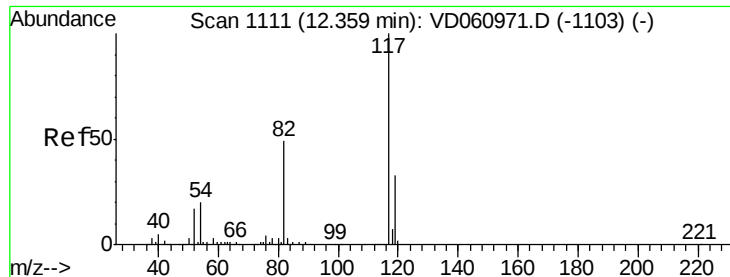
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061212.D
Acq: 20 Mar 2019 17:08

Tgt Ion: 95 Resp: 151425
Ion Ratio Lower Upper
95 100
174 57.0 0.0 155.6
176 53.0 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) (-)

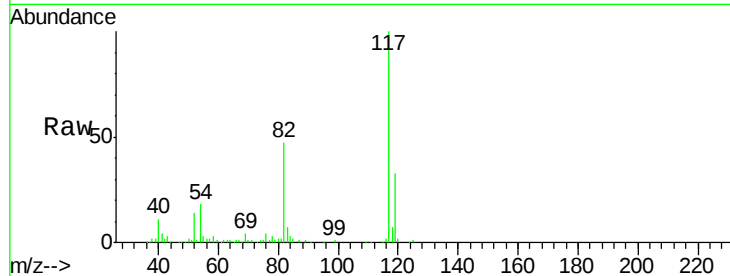




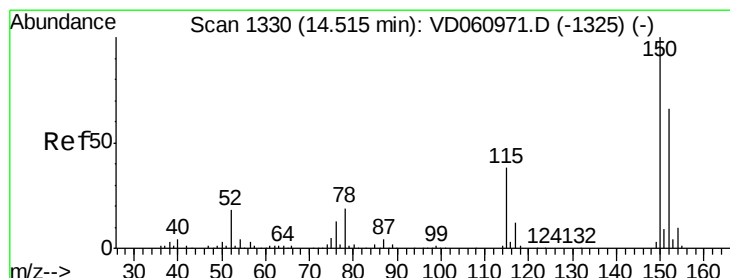
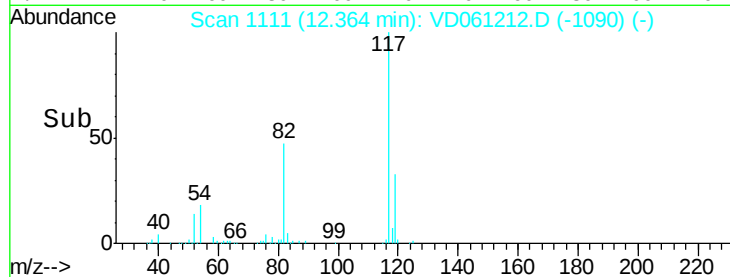
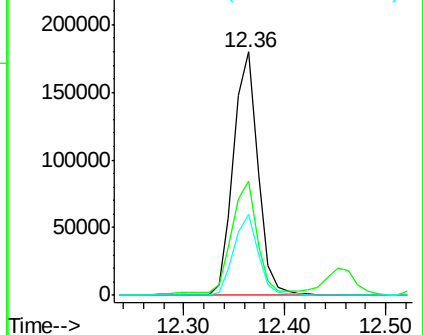
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061212.D
Acq: 20 Mar 2019 17:08

Instrument :
MSVOA_D
ClientSampleId :
SB-11(6-7)RE

Tot Ion:117 Resp: 304407
Ion Ratio Lower Upper
117 100
82 47.1 38.9 58.3
119 33.5 26.6 39.8

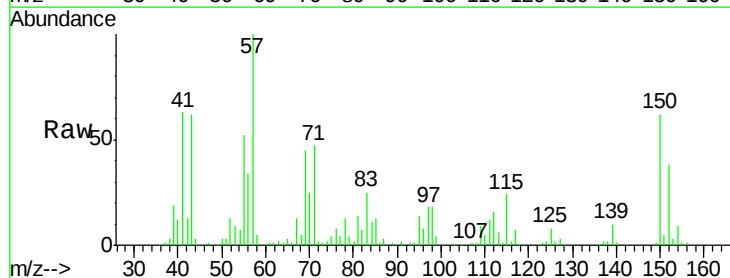


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

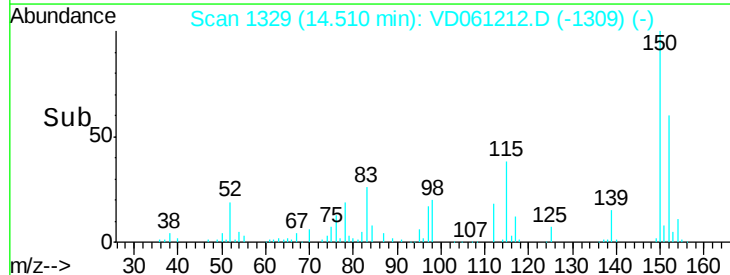
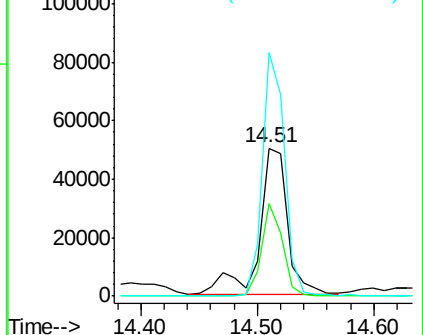


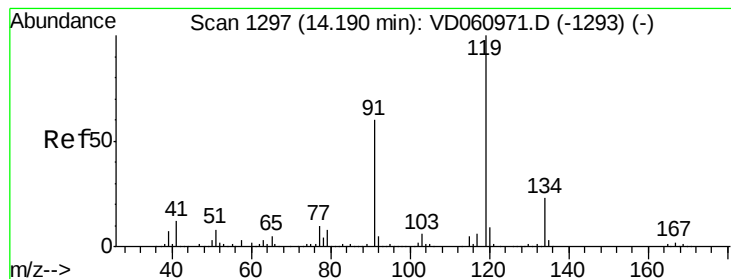
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061212.D
Acq: 20 Mar 2019 17:08

Tgt Ion:152 Resp: 84770
Ion Ratio Lower Upper
152 100
115 62.9 28.6 85.9
150 164.7 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





#83

tert-Butylbenzene

Concen: 3.491 ug/l

RT: 14.19 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VD061212.D

Acq: 20 Mar 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

SB-11(6-7)RE

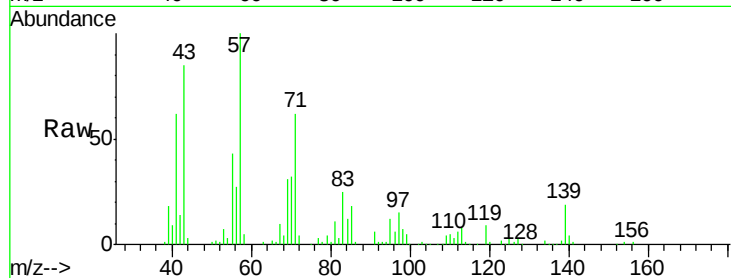
Tot Ion:119 Resp: 17717

Ion Ratio Lower Upper

119 100

91 69.4 30.1 90.3

134 21.8 11.6 34.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): VDC

Ion 134.00 (133.70 to 134.70): V

