

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062994.D
 Acq On : 1 Jul 2019 17:03
 Operator : VA/AP
 Sample : K3592-01
 Misc : 6.23g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-5124

Quant Time: Jul 02 08:10:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

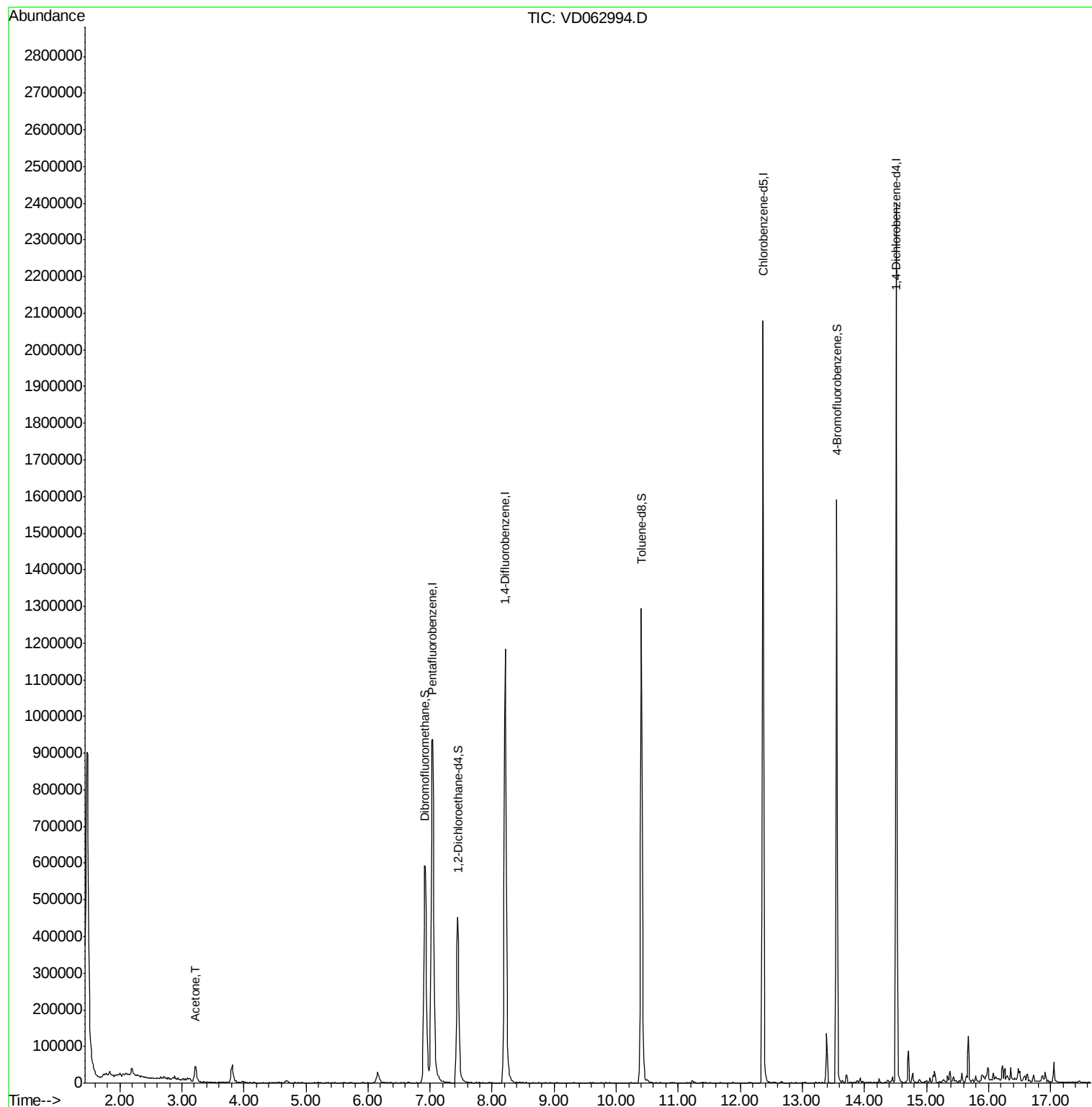
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	967102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1275666	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1090384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	524721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	504221	47.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	6.91	113	542570	50.44	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.41	98	1045471	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	13.56	95	463959	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	
Target Compounds						
16) Acetone	3.22	43	84074	33.376	ug/l #	Qvalue 92

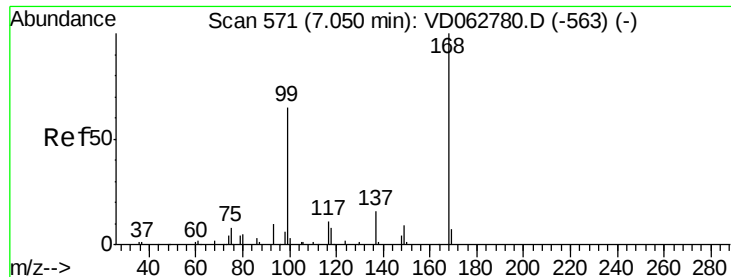
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062994.D

Acq: 1 Jul 2019 17:03

Instrument :

MSVOA_D

ClientSampleId :

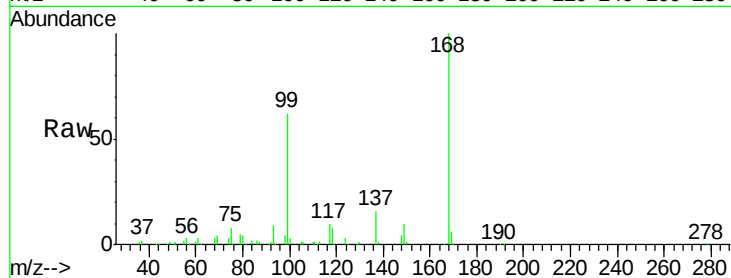
RT-5124

Tot Ion:168 Resp: 967102

Ion Ratio Lower Upper

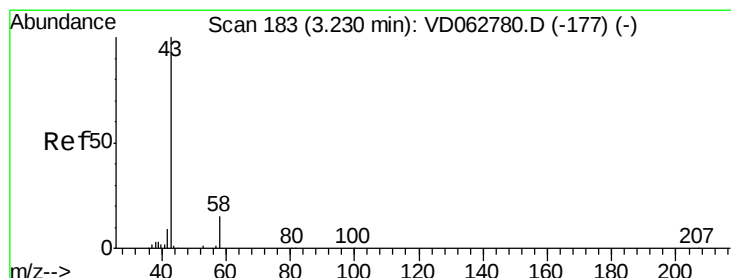
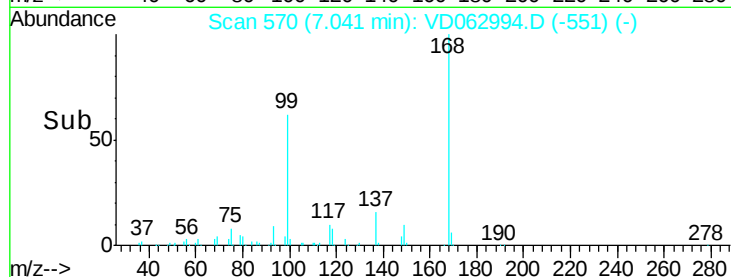
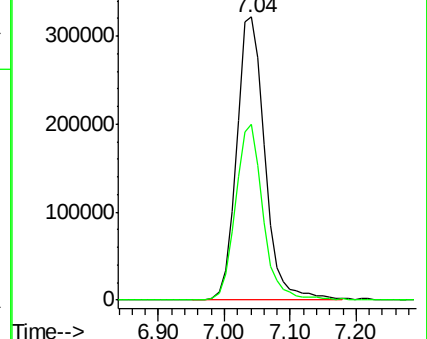
168 100

99 62.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 33.376 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062994.D

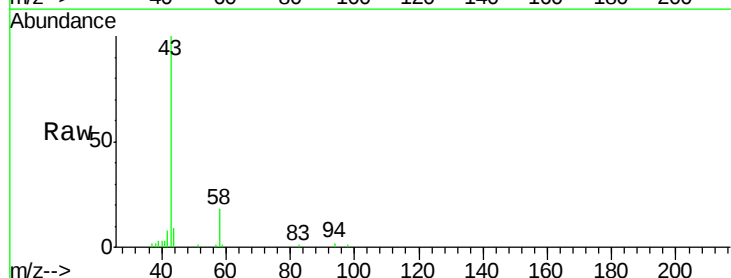
Acq: 1 Jul 2019 17:03

Tgt Ion: 43 Resp: 84074

Ion Ratio Lower Upper

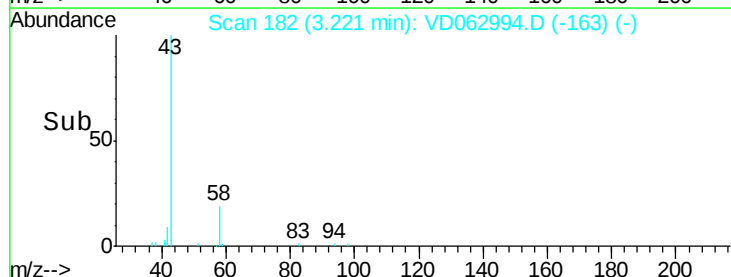
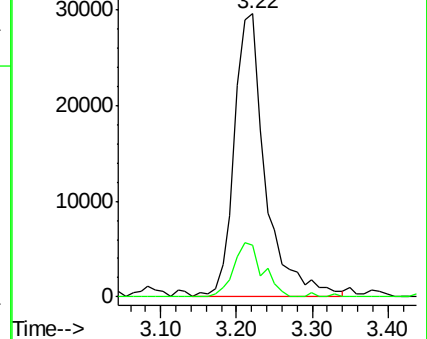
43 100

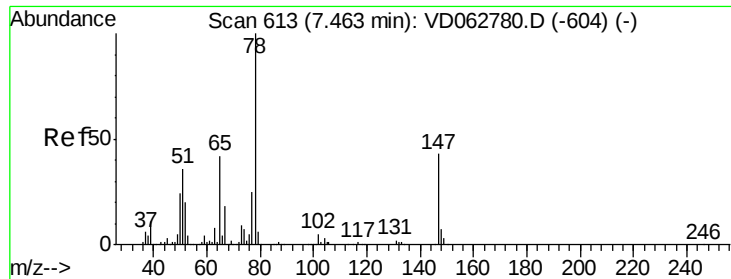
58 18.1 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 47.965 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062994.D

Acq: 1 Jul 2019 17:03

Instrument :

MSVOA_D

ClientSampleId :

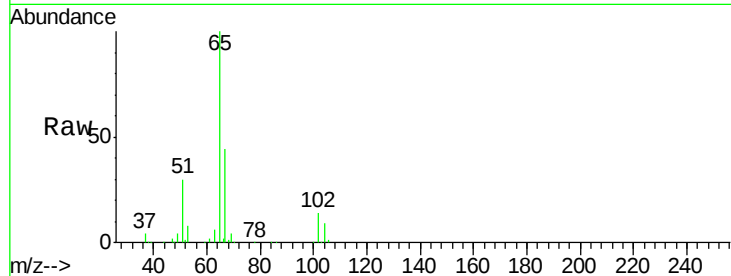
RT-5124

Tot Ion: 65 Resp: 504221

Ion Ratio Lower Upper

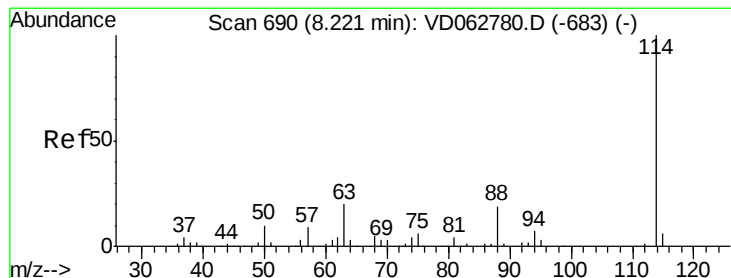
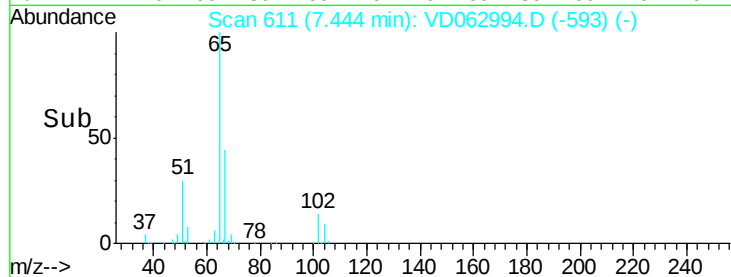
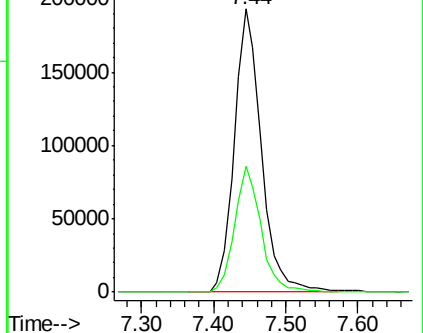
65 100

67 44.5 0.0 87.4



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. -0.01 min

Lab File: VD062994.D

Acq: 1 Jul 2019 17:03

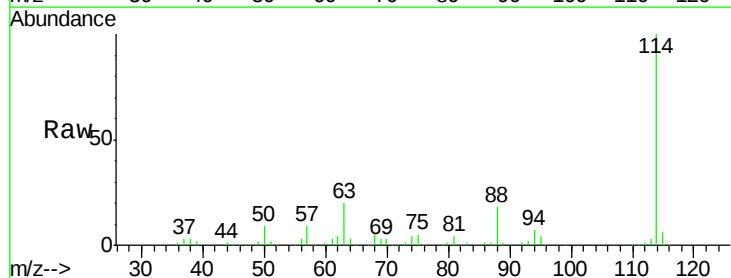
Tgt Ion: 114 Resp: 1275666

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

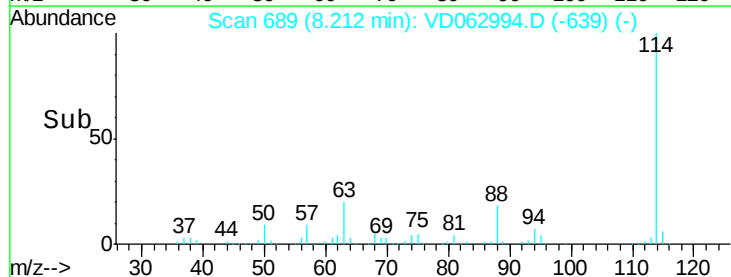
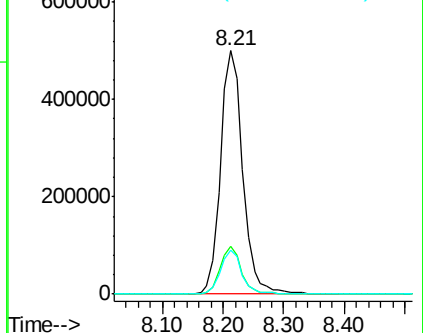
88 18.3 0.0 38.8



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

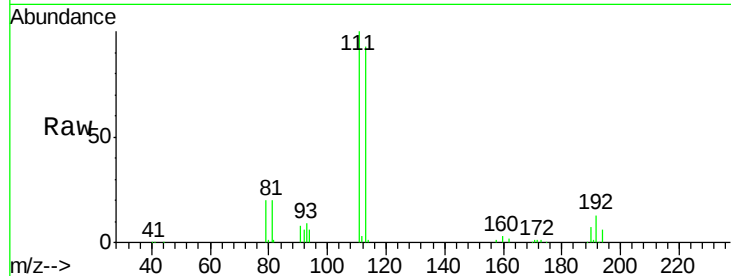




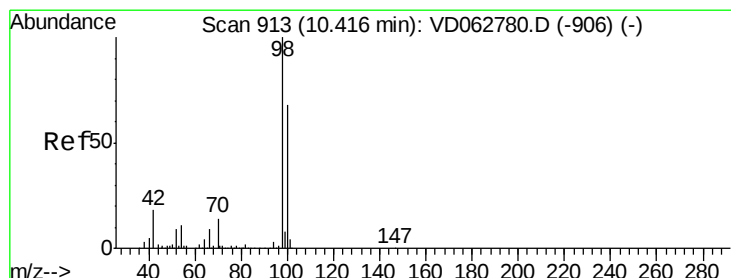
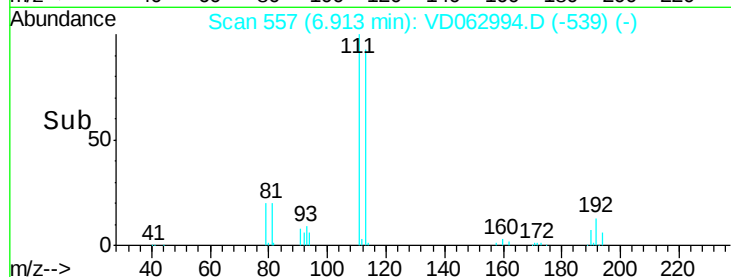
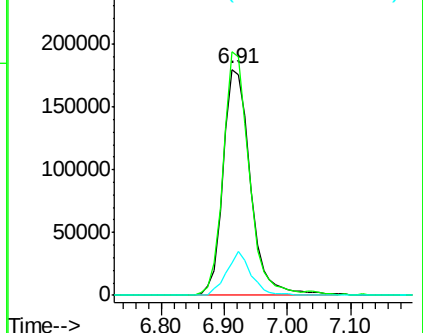
#35
 Dibromofluoromethane
 Concen: 50.442 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD062994.D
 Acq: 1 Jul 2019 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-5124

Tot Ion:113 Resp: 542570
 Ion Ratio Lower Upper
 113 100
 111 107.7 81.2 121.8
 192 14.5 12.9 19.3

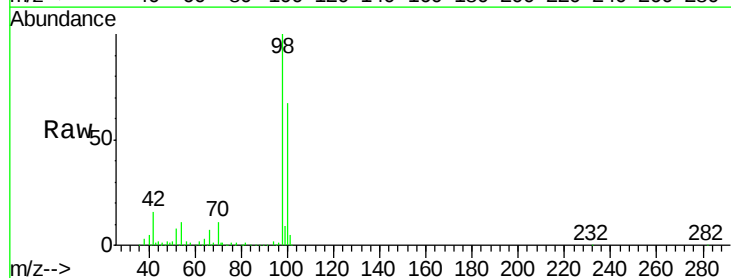


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

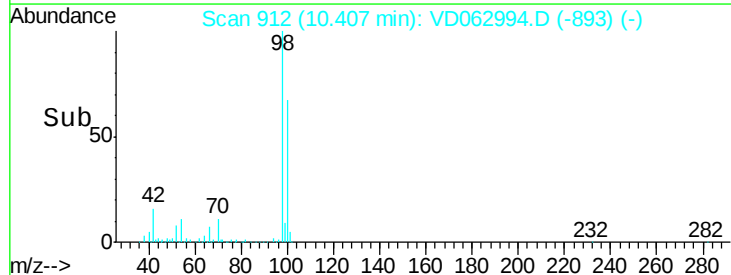
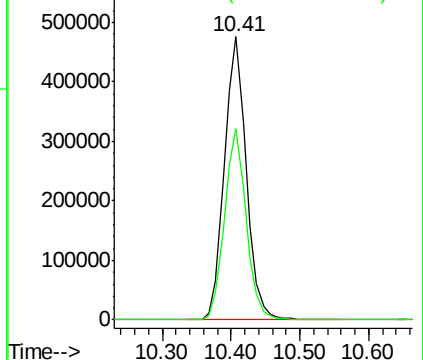


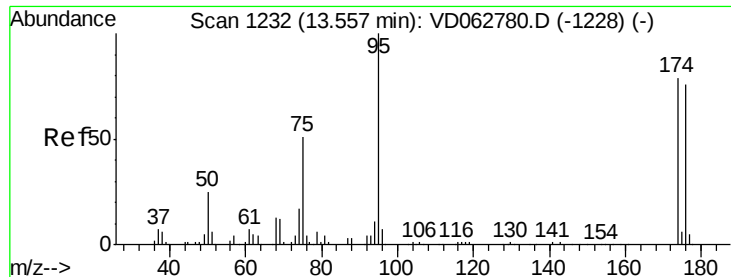
#50
 Toluene-d8
 Concen: 44.658 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD062994.D
 Acq: 1 Jul 2019 17:03

Tgt Ion: 98 Resp: 1045471
 Ion Ratio Lower Upper
 98 100
 100 67.3 54.7 82.1



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





#62

4-Bromofluorobenzene

Concen: 43.584 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062994.D

Acq: 1 Jul 2019 17:03

Instrument :

MSVOA_D

ClientSampleId :

RT-5124

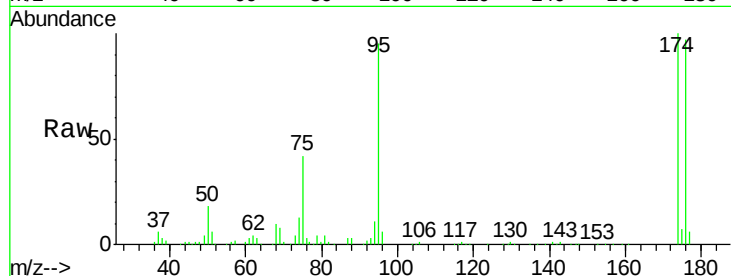
Tot Ion: 95 Resp: 463959

Ion Ratio Lower Upper

95 100

174 105.0 0.0 158.0

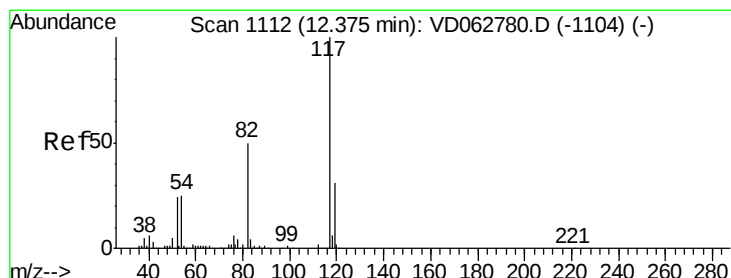
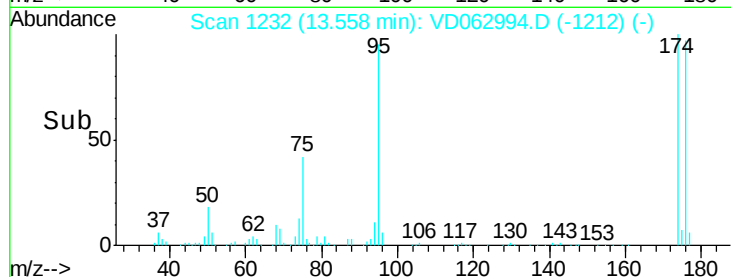
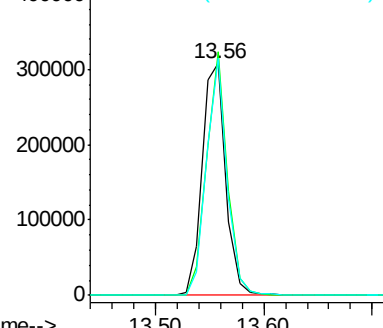
176 102.1 0.0 151.6



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: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD062994.D

Acq: 1 Jul 2019 17:03

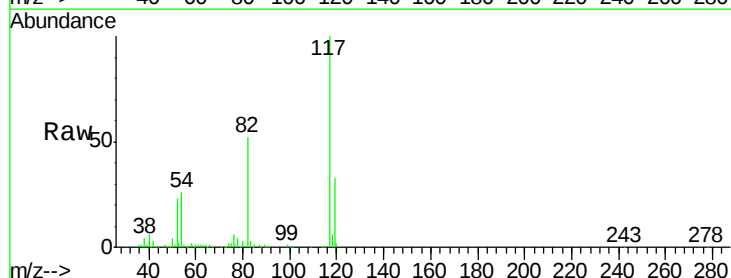
Tgt Ion: 117 Resp: 1090384

Ion Ratio Lower Upper

117 100

82 52.1 40.4 60.6

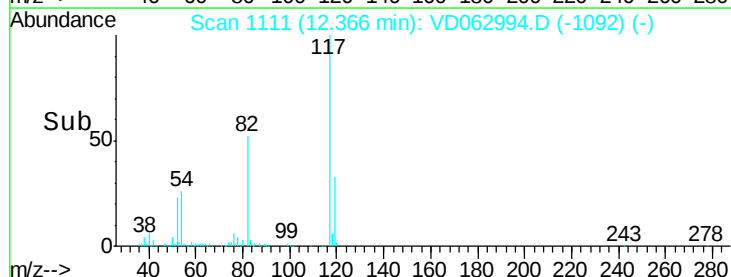
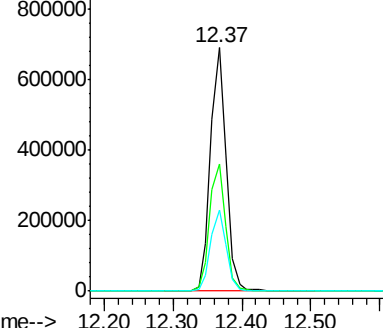
119 33.4 25.2 37.8

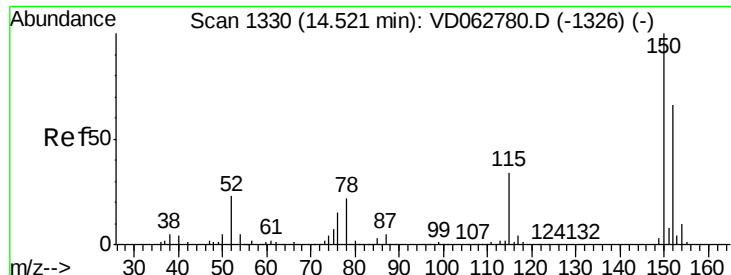


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

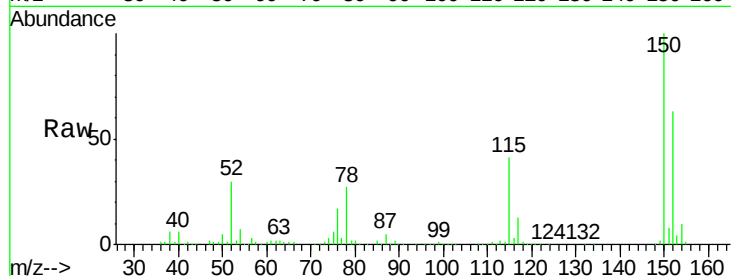




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062994.D
 Acq: 1 Jul 2019 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-5124

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.9	29.2	87.6
150	158.2	0.0	305.8



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

