

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062088.D
 Acq On : 30 Apr 2019 15:36
 Operator : FY/SY
 Sample : K2579-01
 Misc : 5.01gm/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Quant Time: May 01 08:16:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

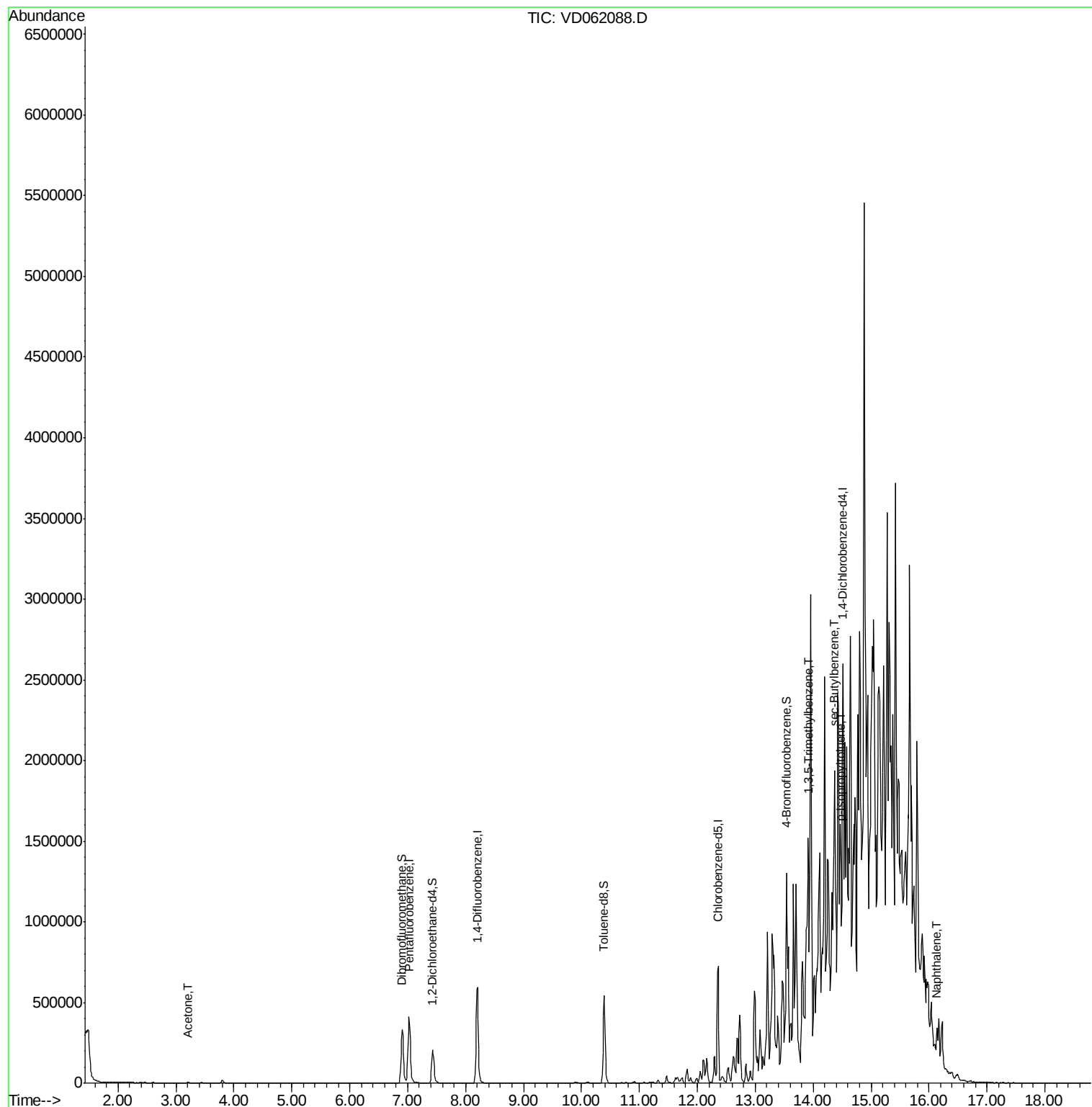
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	417075	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	744697	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	467340	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	114244	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	216337	66.27	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	132.54%	
35) Dibromofluoromethane	6.90	113	309223	60.04	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	120.08%	
50) Toluene-d8	10.39	98	506850	41.36	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.72%	
62) 4-Bromofluorobenzene	13.55	95	155835	31.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	63.40%	
Target Compounds						
16) Acetone	3.20	43	7859	10.083	ug/l #	84
80) 1,3,5-Trimethylbenzene	13.92	105	131440	21.630	ug/l	96
85) sec-Butylbenzene	14.36	105	14051	1.847	ug/l	96
86) p-Isopropyltoluene	14.48	119	161240	23.686	ug/l	94
95) Naphthalene	16.12	128	7470	2.715	ug/l #	60

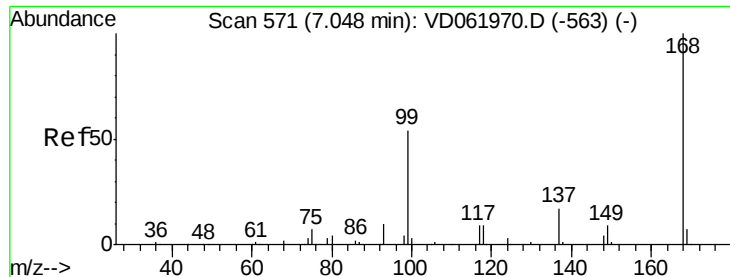
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Time: May 01 08:16:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062088.D

Acq: 30 Apr 2019 15:36

Instrument :

MSVOA_D

ClientSampleId :

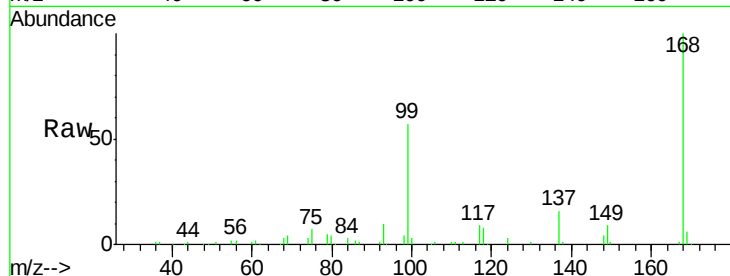
WASTE

Tot Ion:168 Resp: 417075

Ion Ratio Lower Upper

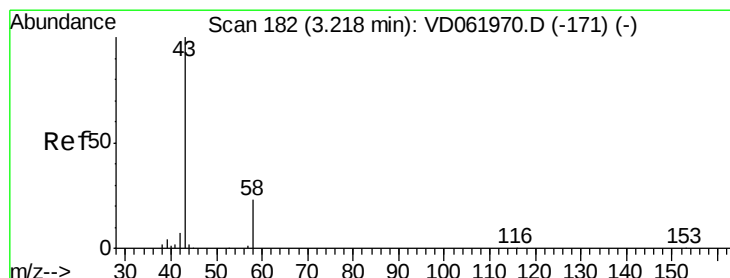
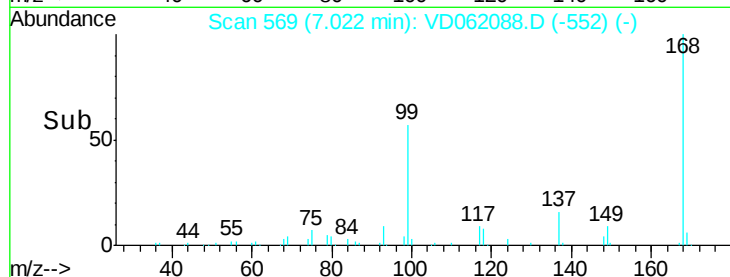
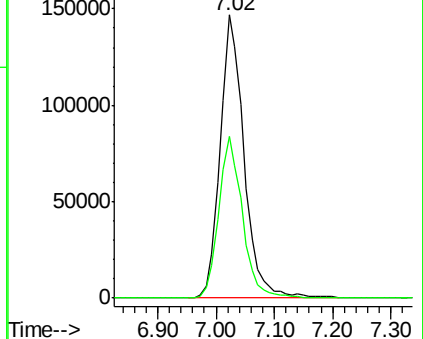
168 100

99 57.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.083 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062088.D

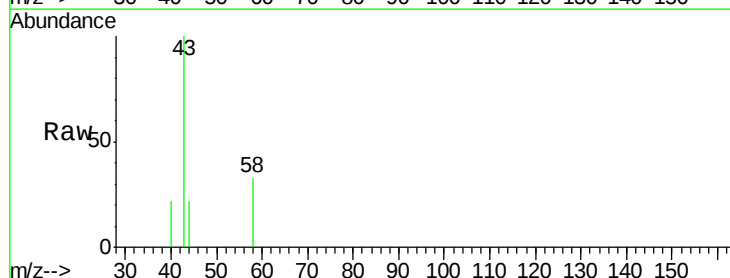
Acq: 30 Apr 2019 15:36

Tgt Ion: 43 Resp: 7859

Ion Ratio Lower Upper

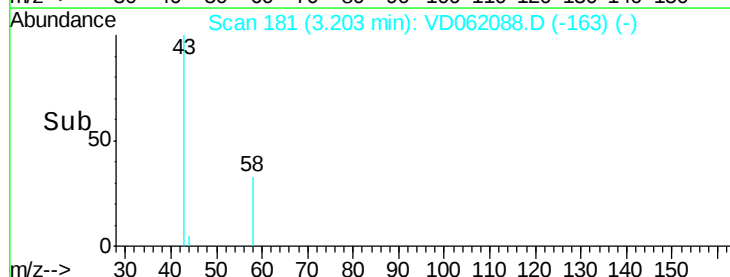
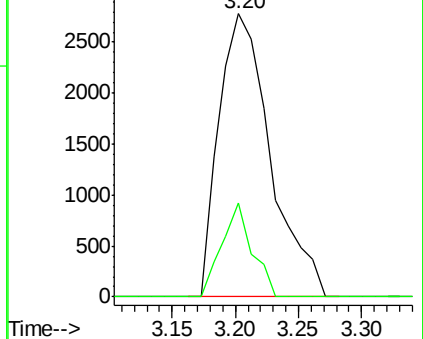
43 100

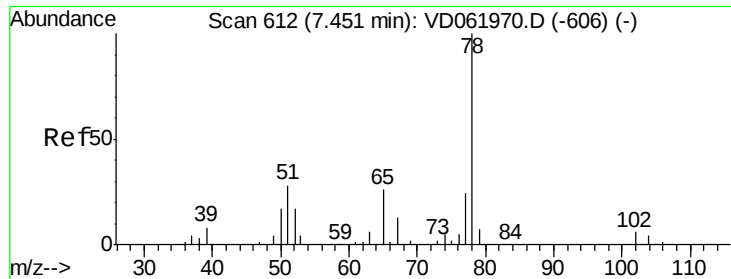
58 33.1 19.9 29.9#



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: 66.274 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062088.D

Acq: 30 Apr 2019 15:36

Instrument :

MSVOA_D

ClientSampleId :

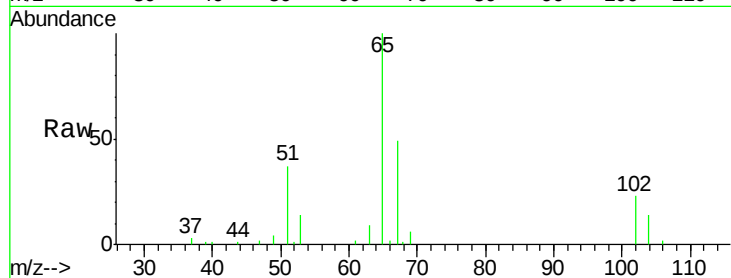
WASTE

Tot Ion: 65 Resp: 216337

Ion Ratio Lower Upper

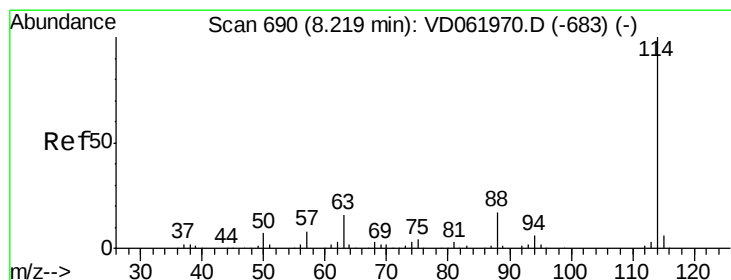
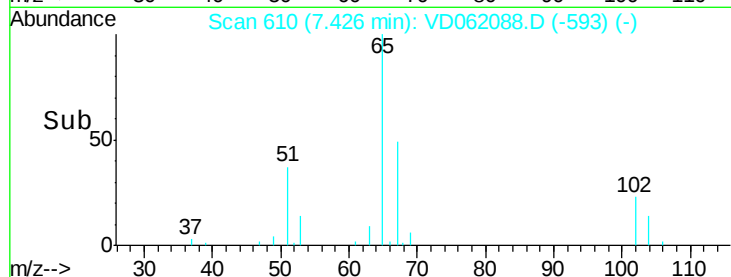
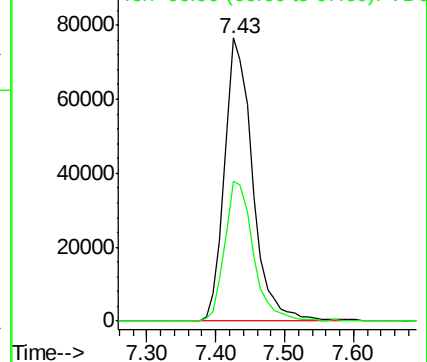
65 100

67 49.4 0.0 98.0



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. -0.02 min

Lab File: VD062088.D

Acq: 30 Apr 2019 15:36

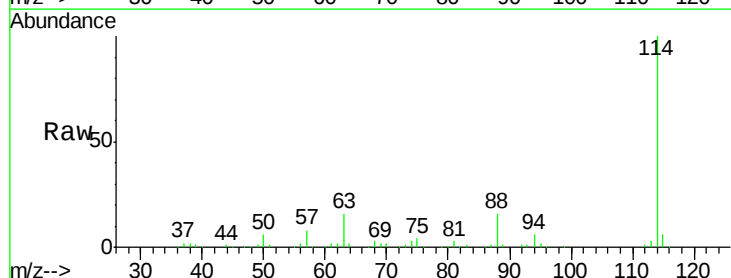
Tgt Ion: 114 Resp: 744697

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

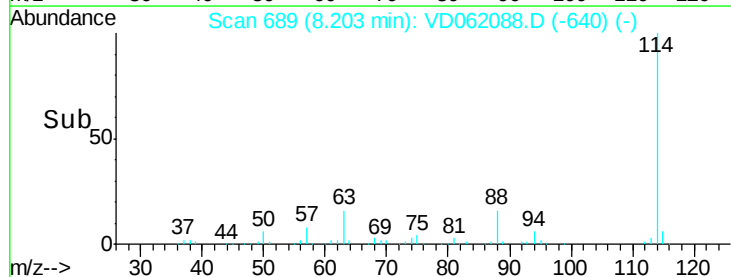
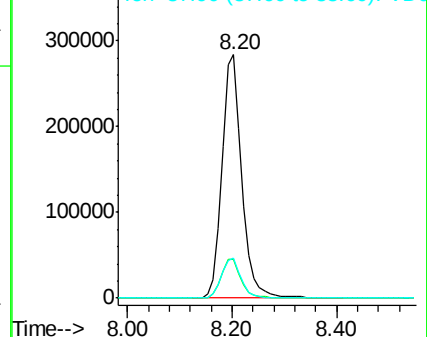
88 16.4 0.0 33.6

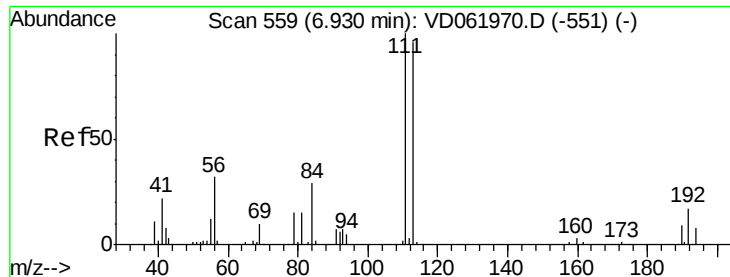


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 60.040 ug/l

RT: 6.90 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD062088.D

Acq: 30 Apr 2019 15:36

Instrument :

MSVOA_D

ClientSampled :

WASTE

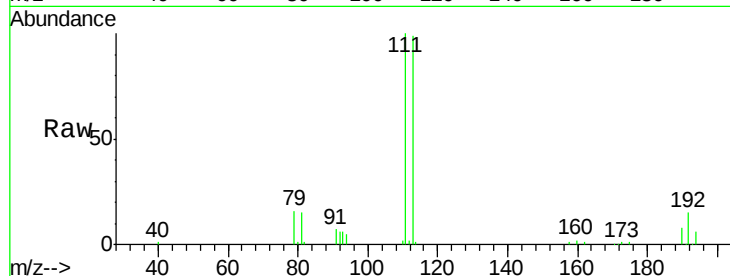
Tot Ion:113 Resp: 309223

Ion Ratio Lower Upper

113 100

111 101.5 78.5 117.7

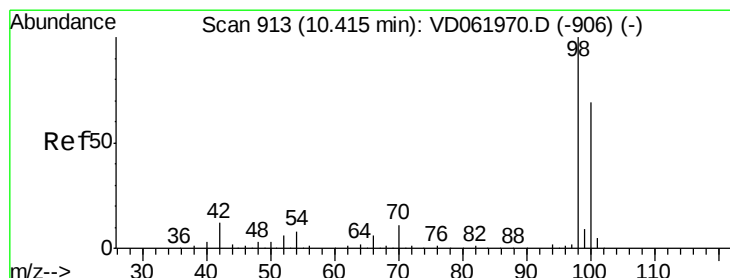
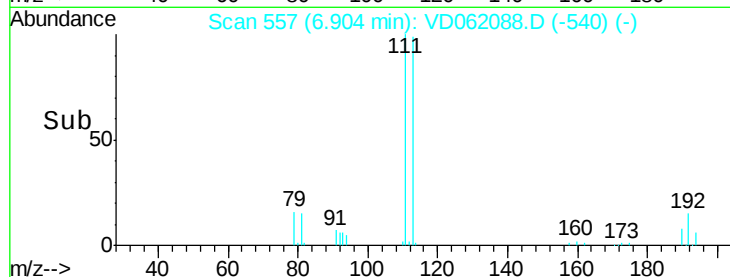
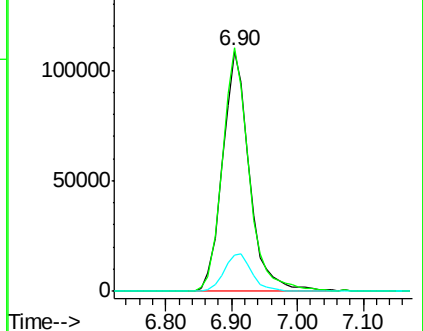
192 15.4 13.0 19.4



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: 41.358 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062088.D

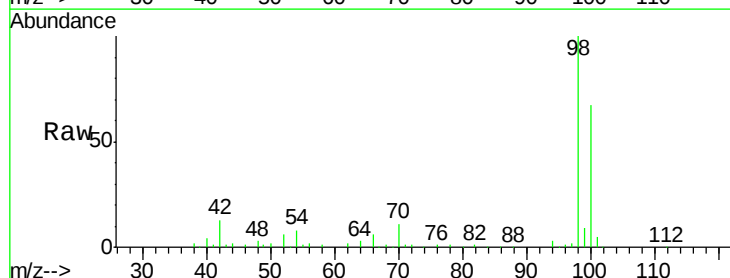
Acq: 30 Apr 2019 15:36

Tgt Ion: 98 Resp: 506850

Ion Ratio Lower Upper

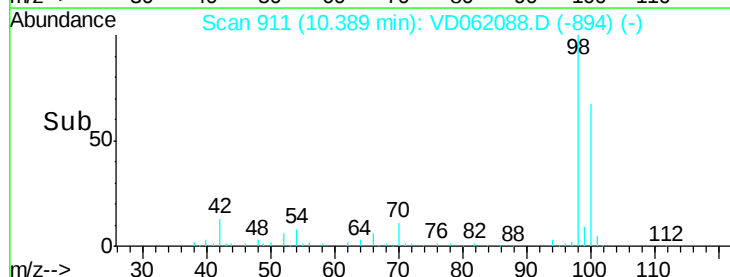
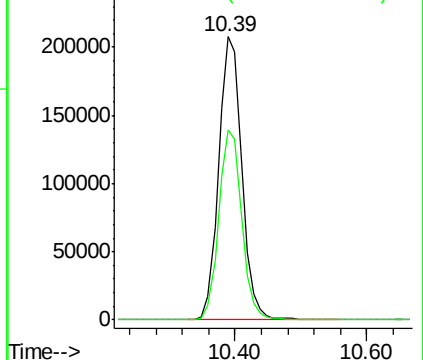
98 100

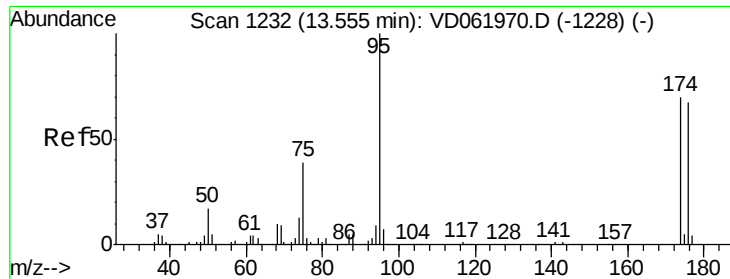
100 67.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 31.703 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062088.D

Acq: 30 Apr 2019 15:36

Instrument :

MSVOA_D

ClientSampleId :

WASTE

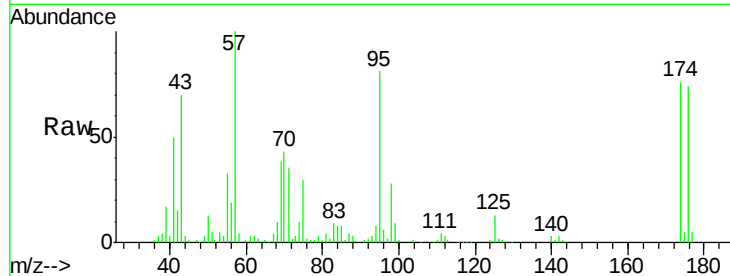
Tot Ion: 95 Resp: 155835

Ion Ratio Lower Upper

95 100

174 94.1 0.0 181.8

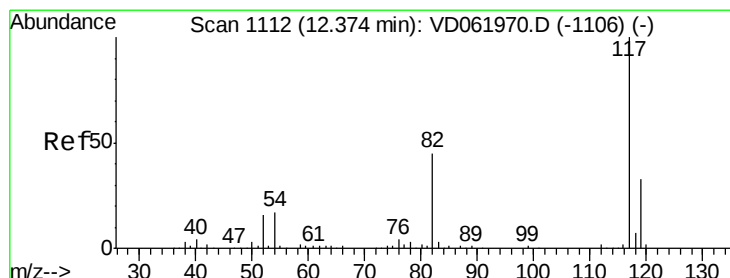
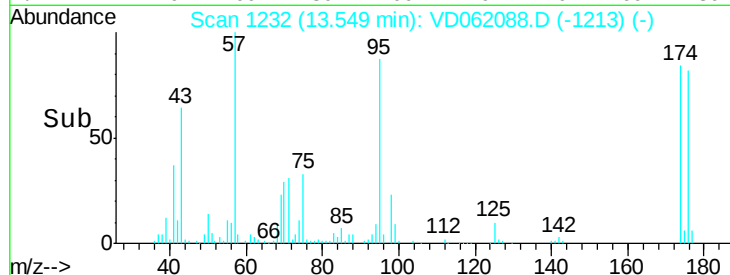
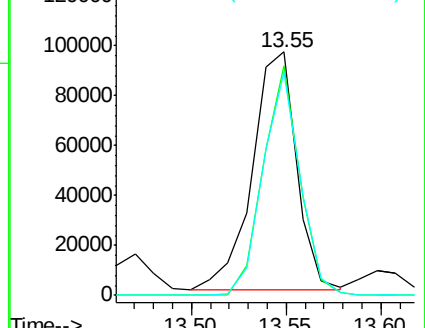
176 91.6 0.0 174.4



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. -0.01 min

Lab File: VD062088.D

Acq: 30 Apr 2019 15:36

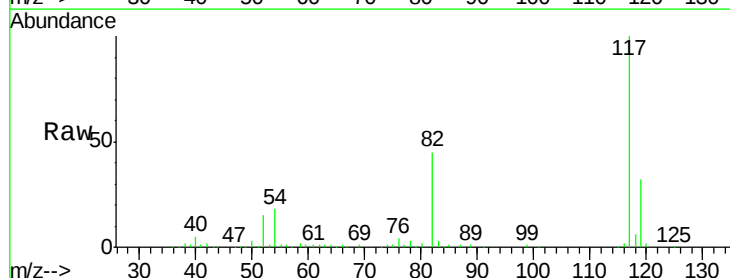
Tgt Ion: 117 Resp: 467340

Ion Ratio Lower Upper

117 100

82 45.1 36.2 54.2

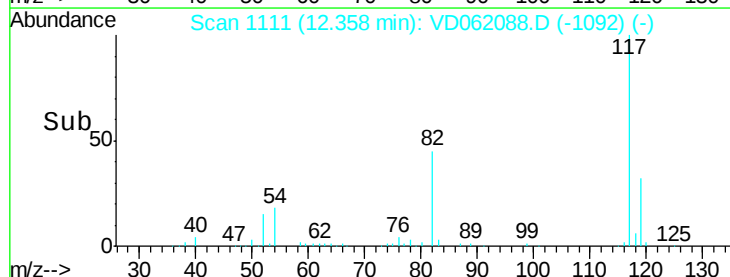
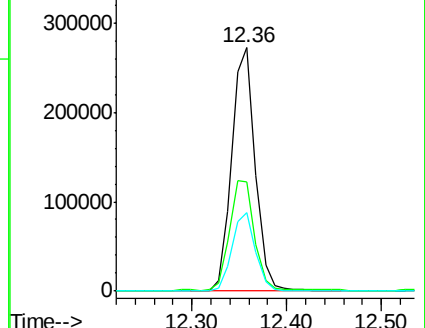
119 32.4 26.2 39.4

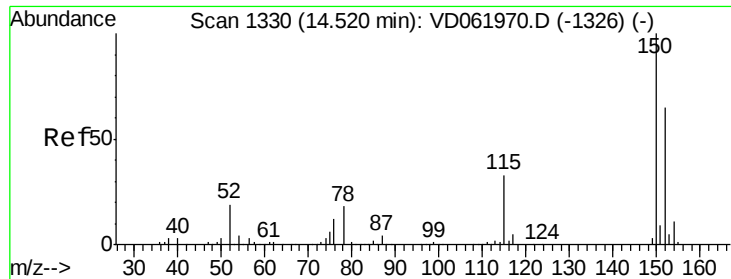


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



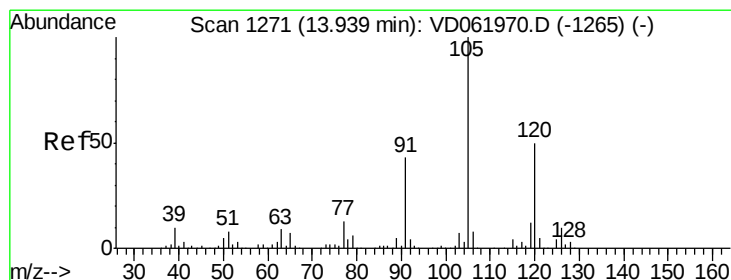
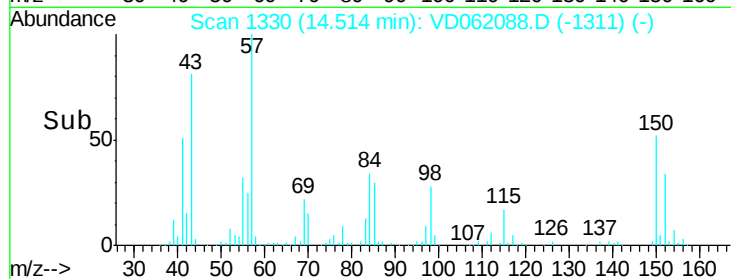
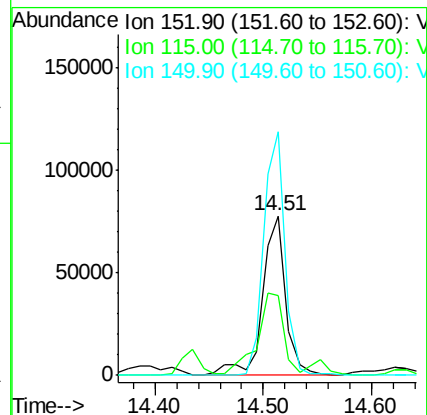
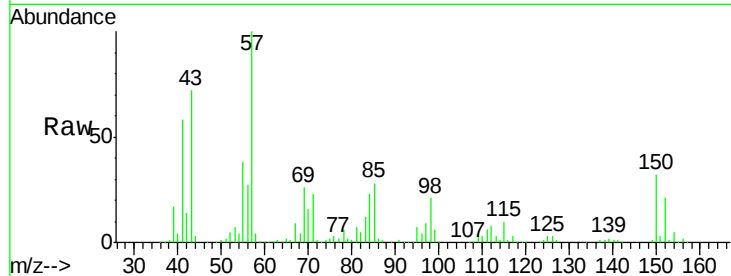


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062088.D
Acq: 30 Apr 2019 15:36

Instrument :
MSVOA_D
ClientSampleId :
WASTE

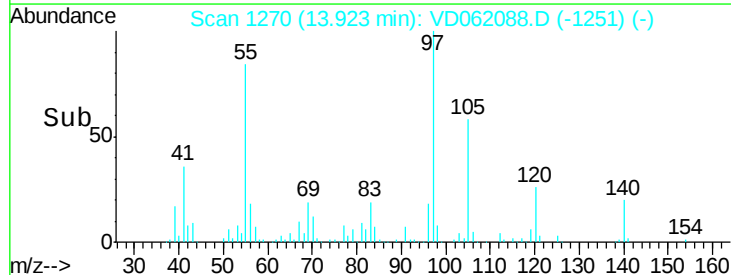
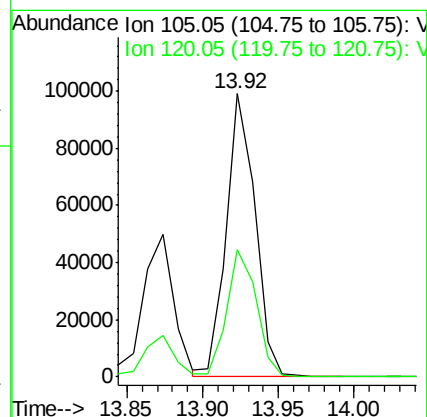
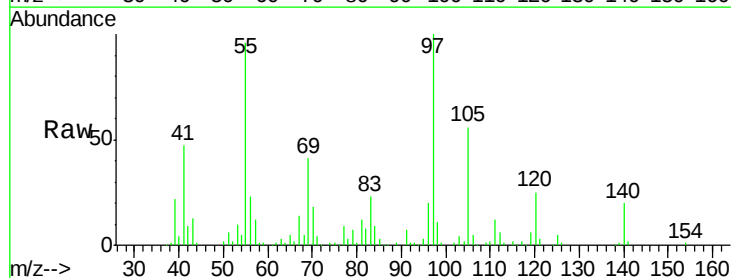
Tot Ion:152 Resp: 114244
Ion Ratio Lower Upper
152 100
115 49.8 30.9 92.7
150 152.4 0.0 314.8

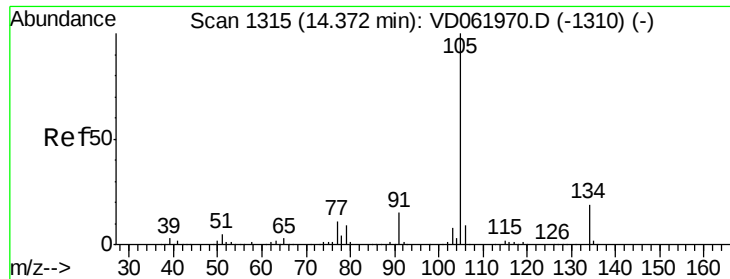


#80

1,3,5-Trimethylbenzene
Concen: 21.630 ug/l
RT: 13.92 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD062088.D
Acq: 30 Apr 2019 15:36

Tgt Ion:105 Resp: 131440
Ion Ratio Lower Upper
105 100
120 45.1 24.0 72.0

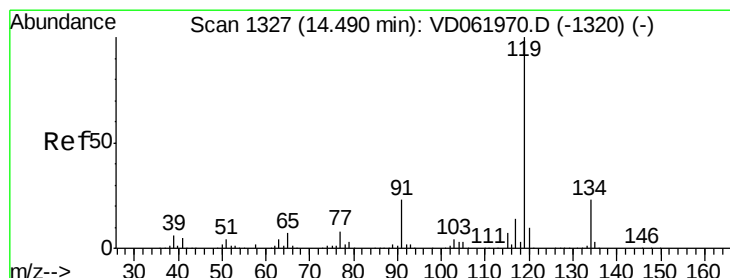
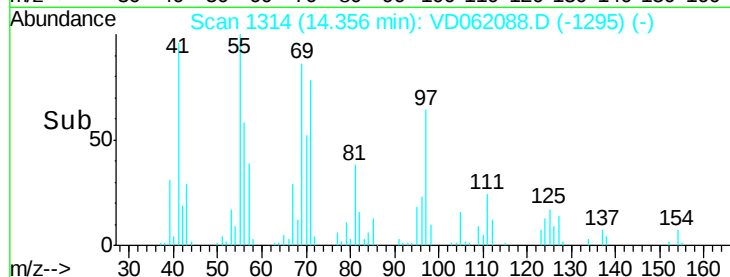
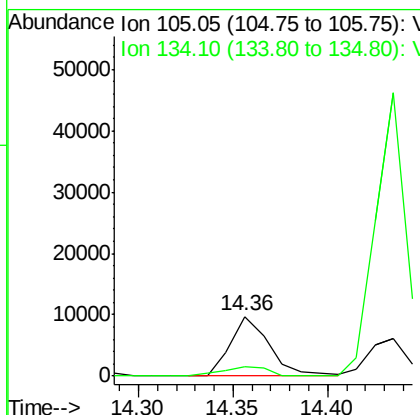
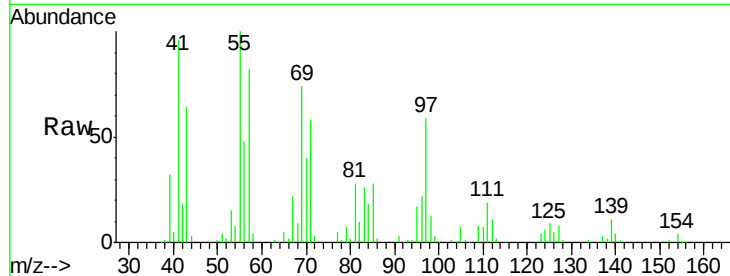




#85
 sec-Butylbenzene
 Concen: 1.847 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062088.D
 Acq: 30 Apr 2019 15:36

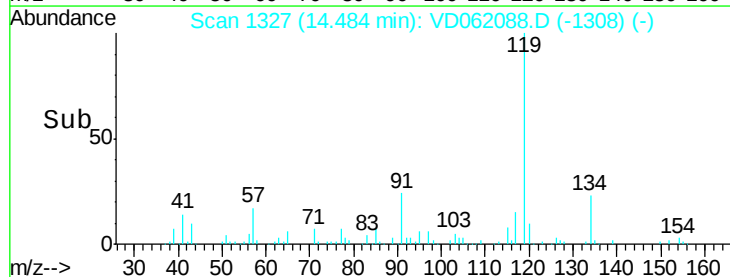
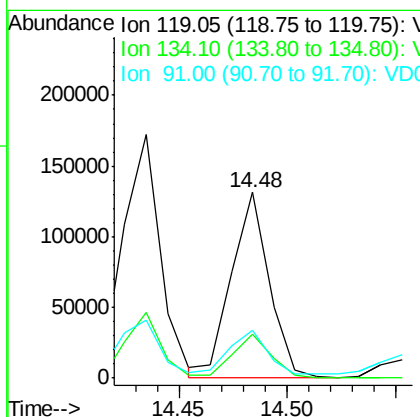
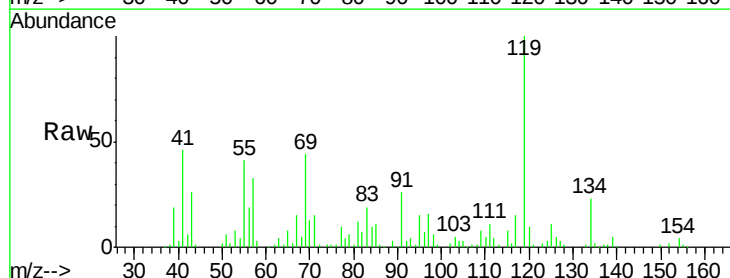
Instrument :
 MSVOA_D
 ClientSampleID :
 WASTE

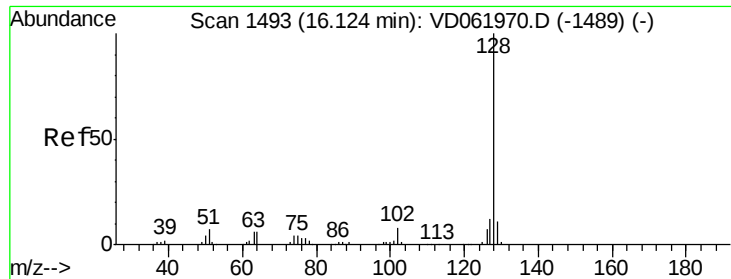
Tot Ion:105 Resp: 14051
 Ion Ratio Lower Upper
 105 100
 134 15.9 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 23.686 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD062088.D
 Acq: 30 Apr 2019 15:36

Tgt Ion:119 Resp: 161240
 Ion Ratio Lower Upper
 119 100
 134 23.5 12.8 38.3
 91 25.6 10.7 32.1

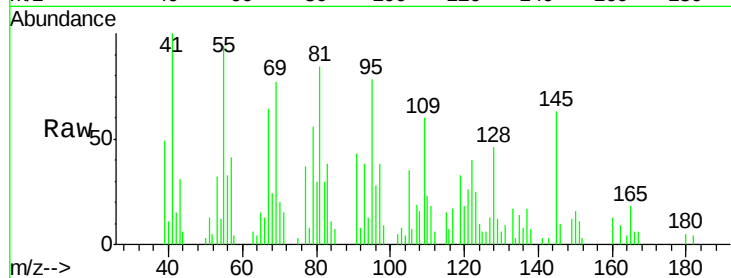




#95
Naphthalene
Concen: 2.715 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062088.D
Acq: 30 Apr 2019 15:36

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tot Ion:128 Resp: 7470
Ion Ratio Lower Upper
128 100
127 28.3 9.8 14.8#
129 26.1 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

