

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062288.D
 Acq On : 13 May 2019 6:04
 Operator : FY/SY
 Sample : K2733-03RE
 Misc : 6.49g/5mL/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0002-01MSD

Quant Time: May 13 09:01:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

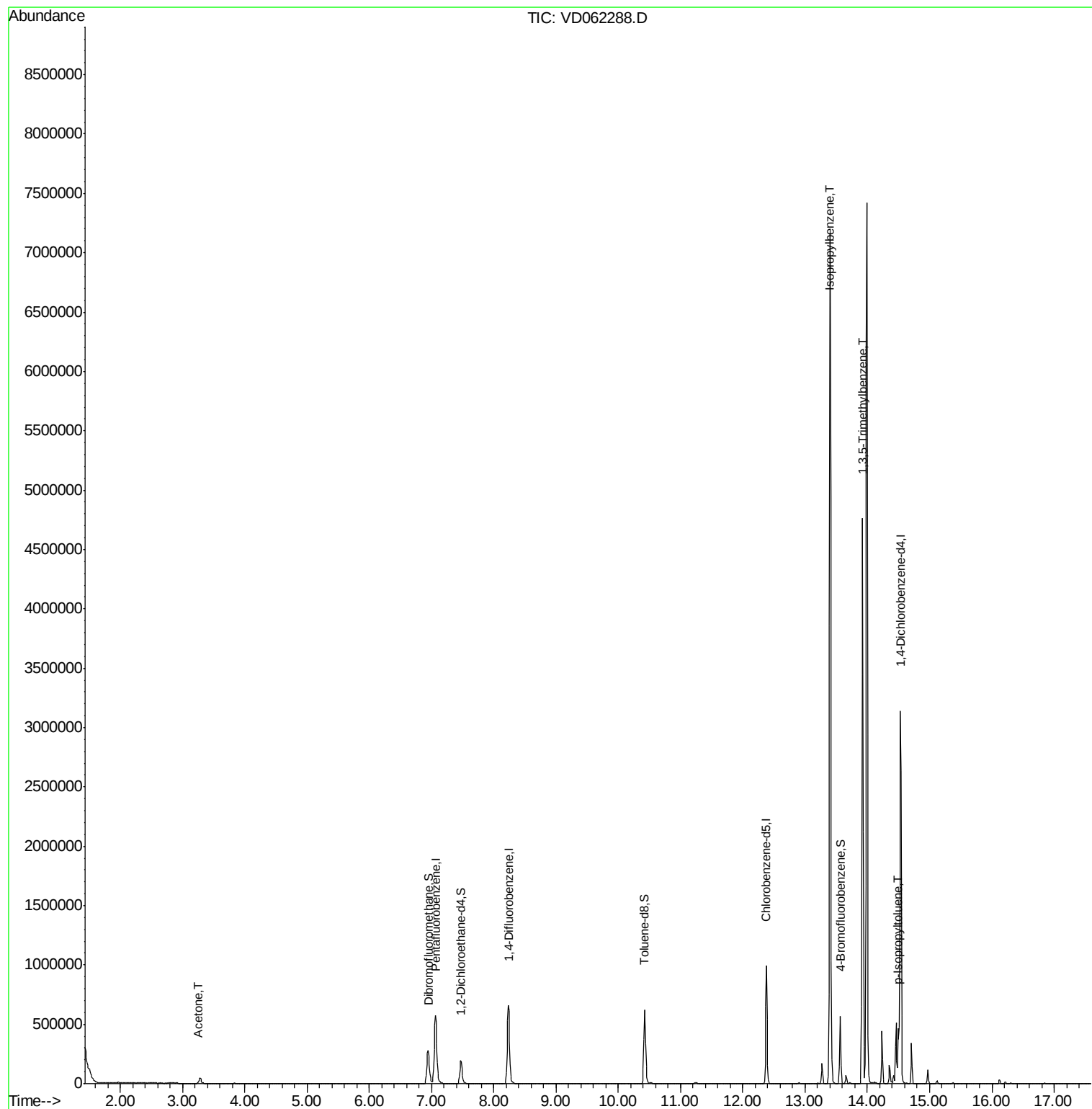
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	527184	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	704072	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	476158	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	212854	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	222467	45.41	ug/l	0.04
Spiked Amount 50.000			Recovery	=	90.82%	
35) Dibromofluoromethane	6.94	113	250563	42.89	ug/l	0.05
Spiked Amount 50.000			Recovery	=	85.78%	
50) Toluene-d8	10.42	98	498930	35.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.84%	
62) 4-Bromofluorobenzene	13.56	95	170072	30.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	60.14%	
Target Compounds						
16) Acetone	3.24	43	10620	10.337	ug/l #	74
73) Isopropylbenzene	13.40	105	278078	21.794	ug/l #	62
80) 1,3,5-Trimethylbenzene	13.92	105	65450	6.092	ug/l #	49
86) p-Isopropyltoluene	14.49	119	218460	18.467	ug/l	88

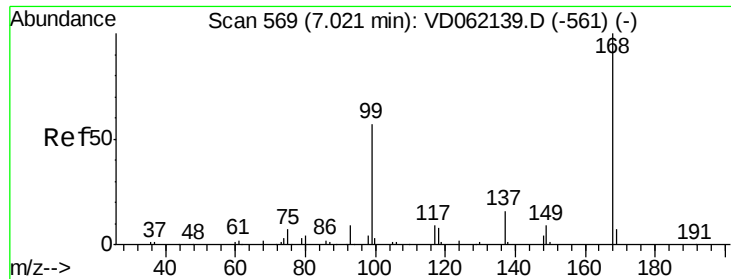
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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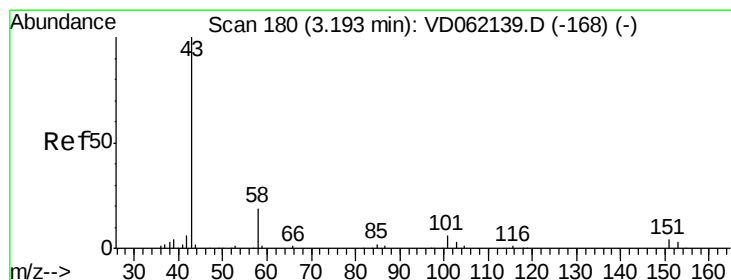
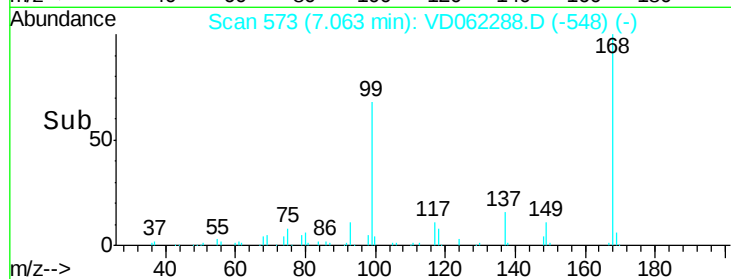
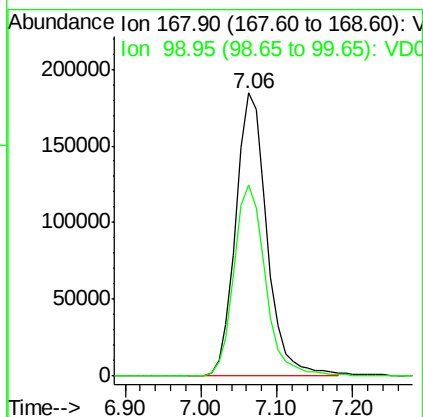
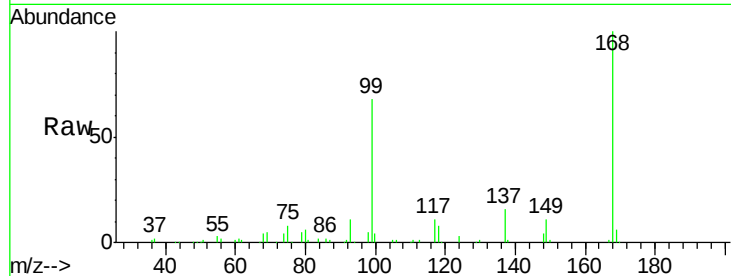




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062288.D
Acq: 13 May 2019 6:04

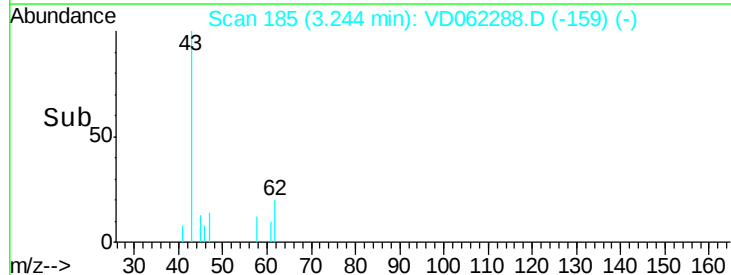
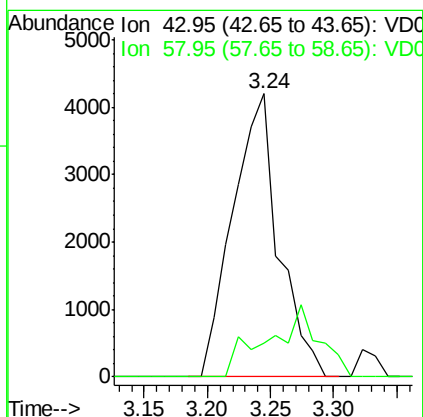
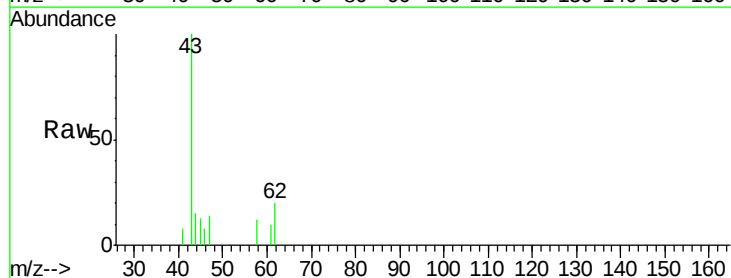
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0002-01MSD

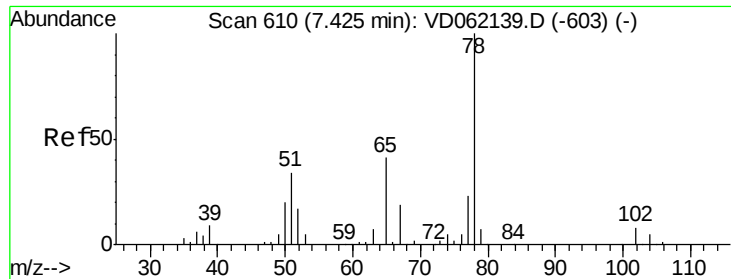
Tot Ion:168 Resp: 527184
Ion Ratio Lower Upper
168 100
99 67.7 46.5 69.7



#16
Acetone
Concen: 10.337 ug/l
RT: 3.24 min Scan# 185
Delta R.T. 0.05 min
Lab File: VD062288.D
Acq: 13 May 2019 6:04

Tgt Ion: 43 Resp: 10620
Ion Ratio Lower Upper
43 100
58 11.9 19.9 29.9#





#33

1,2-Dichloroethane-d4

Concen: 45.409 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062288.D

Acq: 13 May 2019 6:04

Instrument :

MSVOA_D

ClientSampleId :

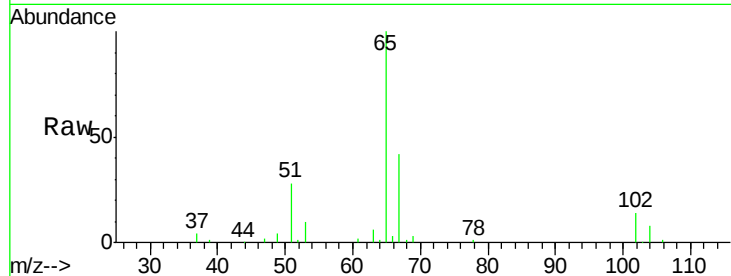
P021-SS001-0002-01MSD

Tot Ion: 65 Resp: 222467

Ion Ratio Lower Upper

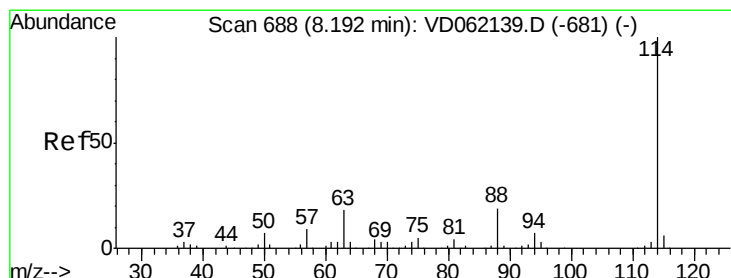
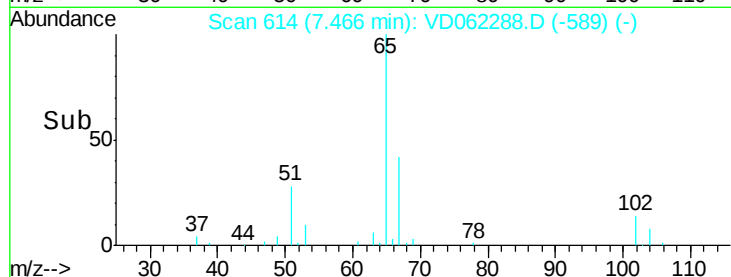
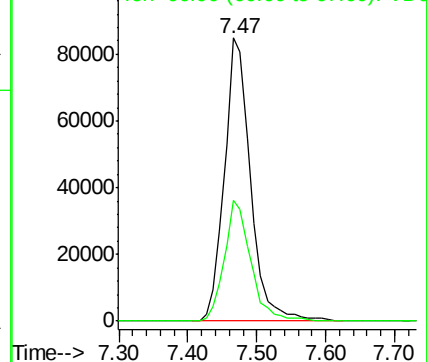
65 100

67 42.5 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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062288.D

Acq: 13 May 2019 6:04

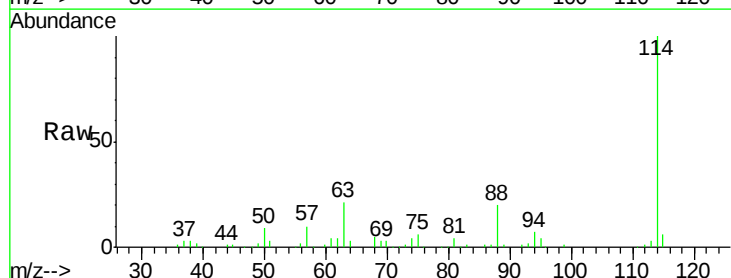
Tgt Ion: 114 Resp: 704072

Ion Ratio Lower Upper

114 100

63 21.0 0.0 32.4

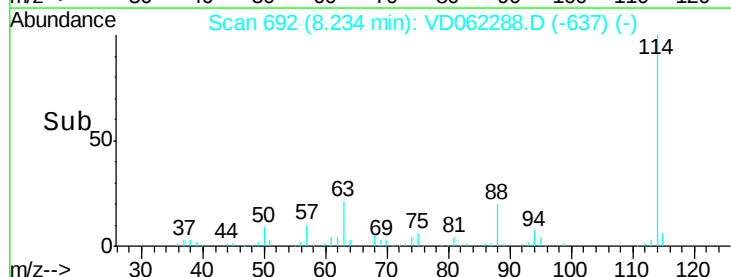
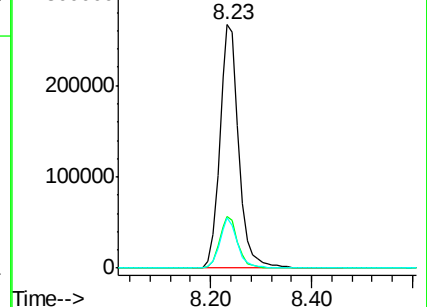
88 20.5 0.0 33.6

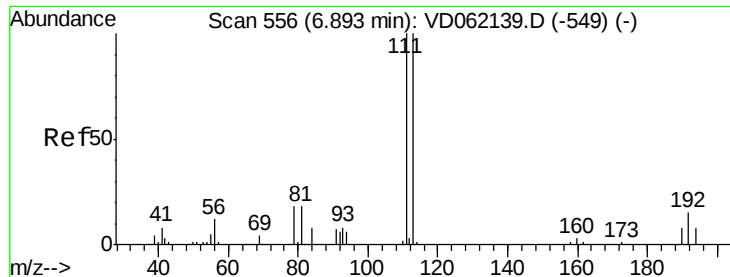


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 42.892 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062288.D

Acq: 13 May 2019 6:04

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0002-01MSD

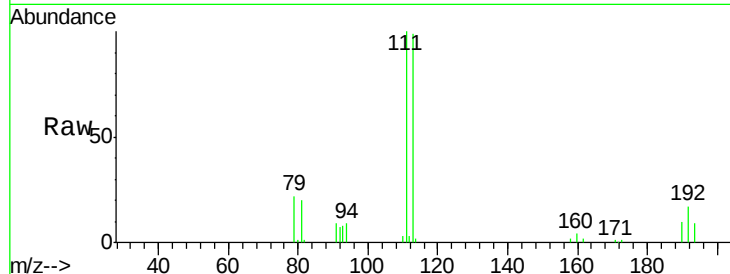
Tot Ion:113 Resp: 250563

Ion Ratio Lower Upper

113 100

111 100.9 78.5 117.7

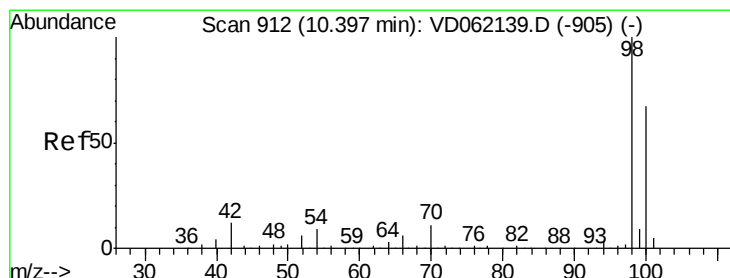
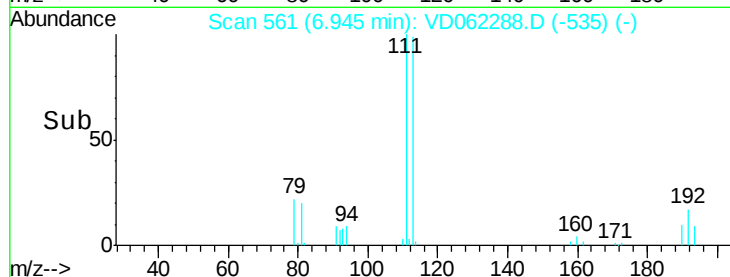
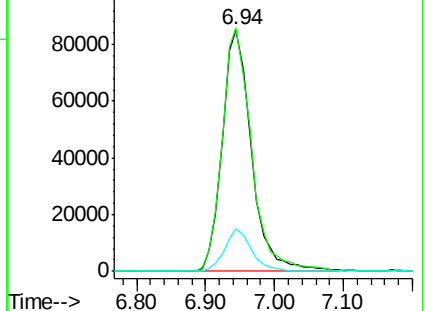
192 17.6 13.0 19.4



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: 35.423 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062288.D

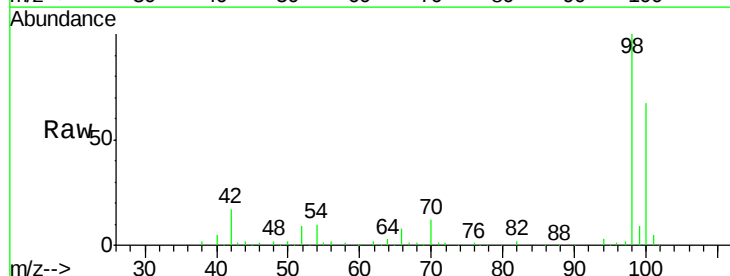
Acq: 13 May 2019 6:04

Tgt Ion: 98 Resp: 498930

Ion Ratio Lower Upper

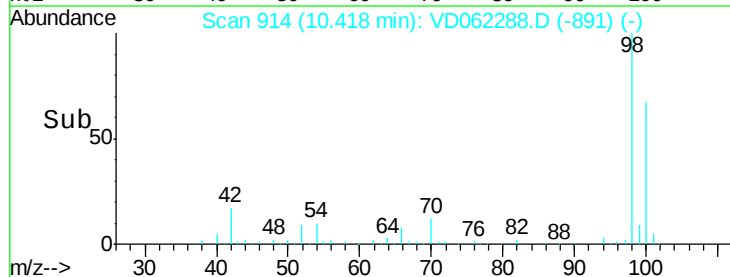
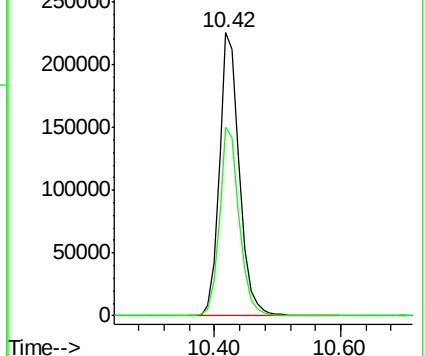
98 100

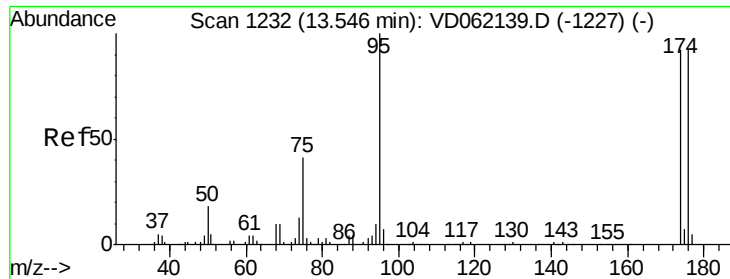
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.069 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062288.D

Acq: 13 May 2019 6:04

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0002-01MSD

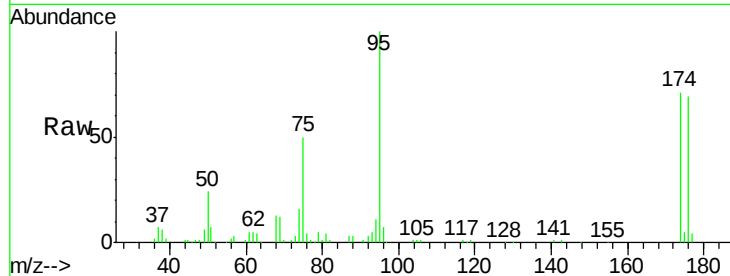
Tot Ion: 95 Resp: 170072

Ion Ratio Lower Upper

95 100

174 71.1 0.0 181.8

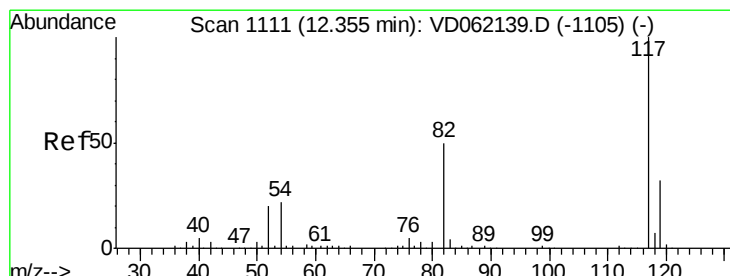
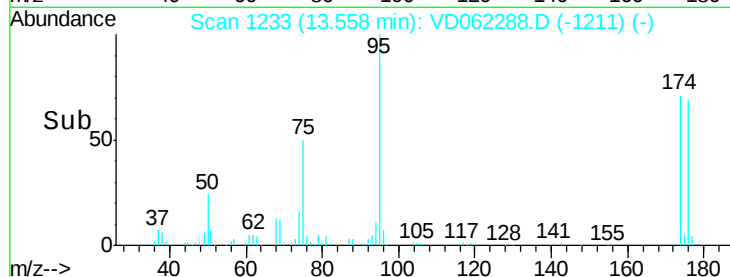
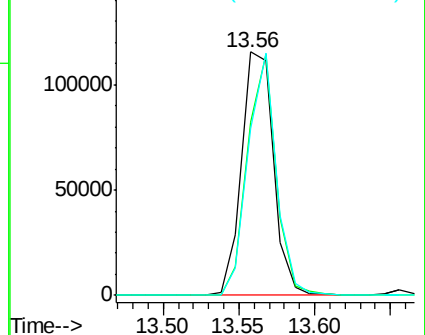
176 68.7 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062288.D

Acq: 13 May 2019 6:04

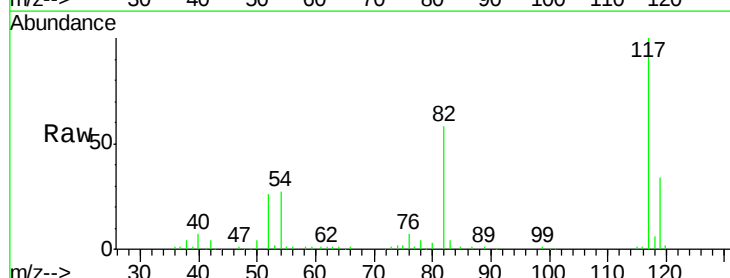
Tgt Ion: 117 Resp: 476158

Ion Ratio Lower Upper

117 100

82 57.6 36.2 54.2#

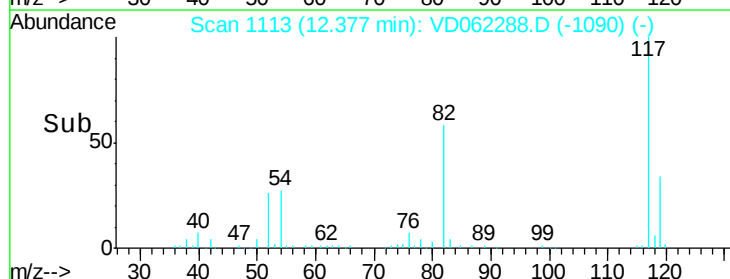
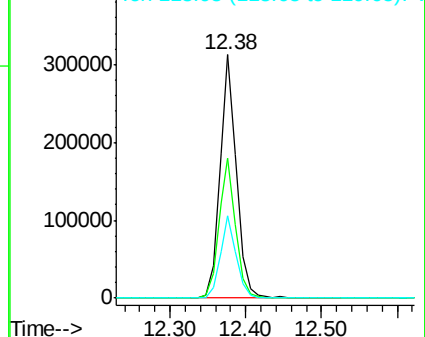
119 33.6 26.2 39.4

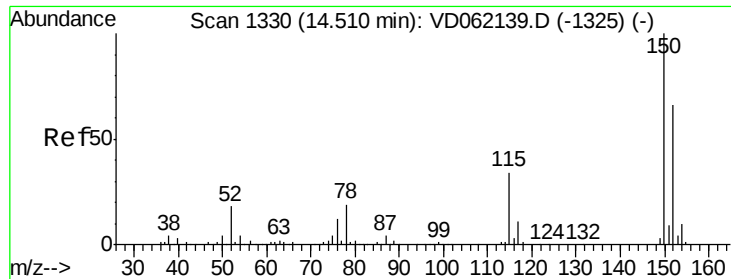


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



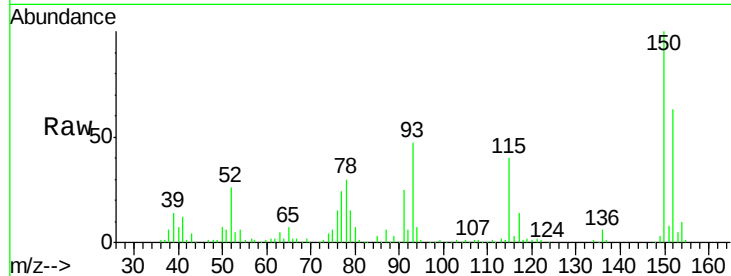


#72

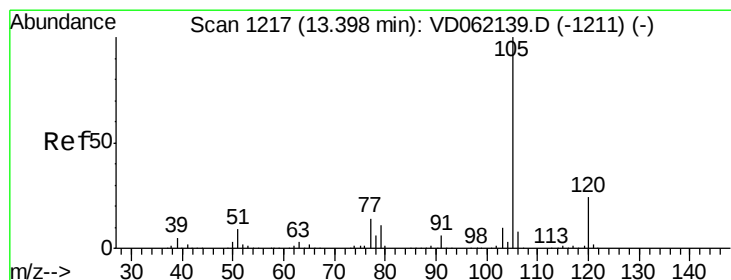
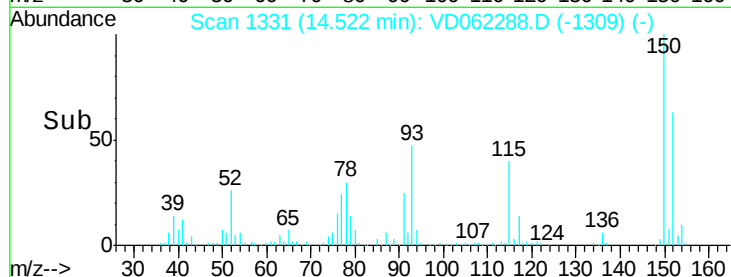
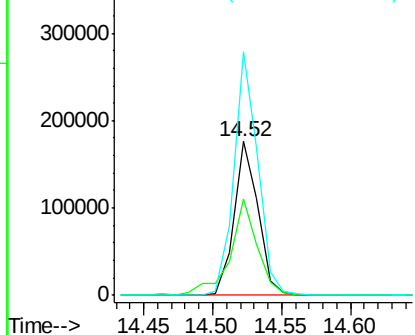
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062288.D
Acq: 13 May 2019 6:04

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0002-01MSD

Tot Ion:152 Resp: 212854
Ion Ratio Lower Upper
152 100
115 62.8 30.9 92.7
150 158.3 0.0 314.8



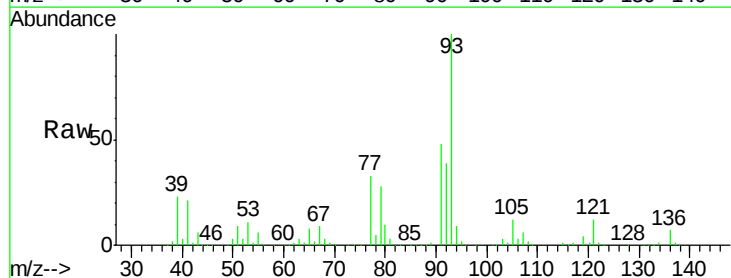
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



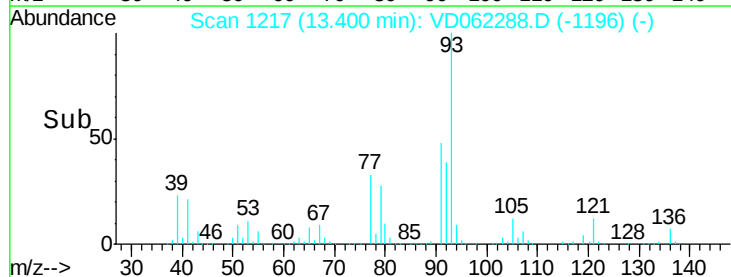
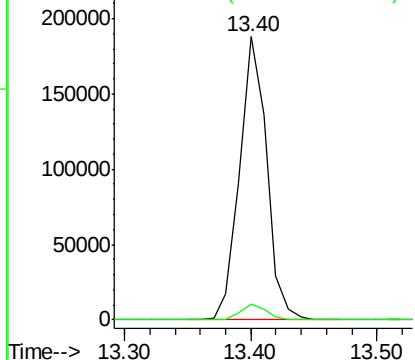
#73

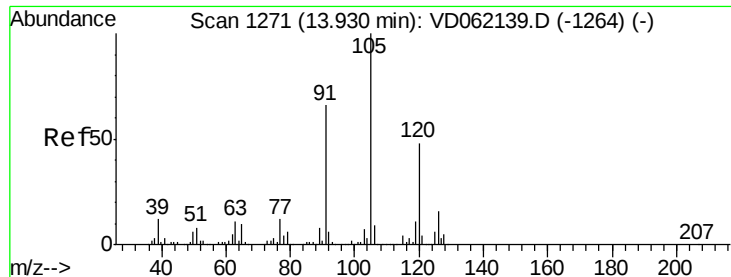
Isopropylbenzene
Concen: 21.794 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VD062288.D
Acq: 13 May 2019 6:04

Tgt Ion:105 Resp: 278078
Ion Ratio Lower Upper
105 100
120 5.5 12.0 36.1#



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

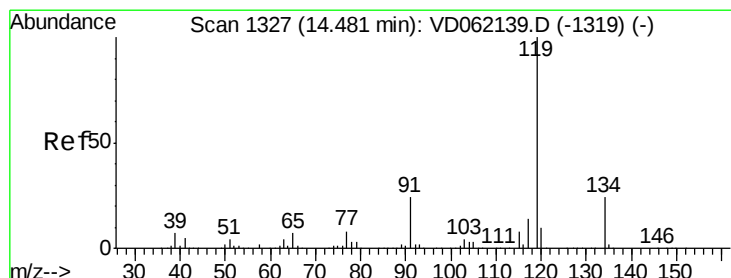
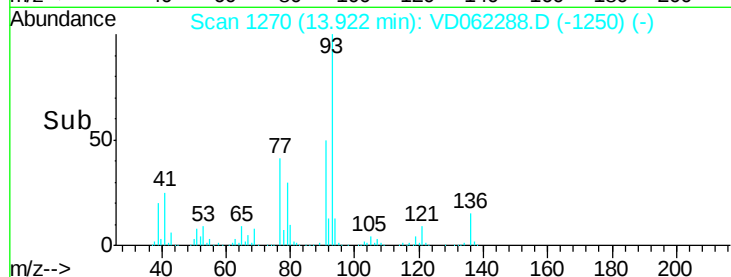
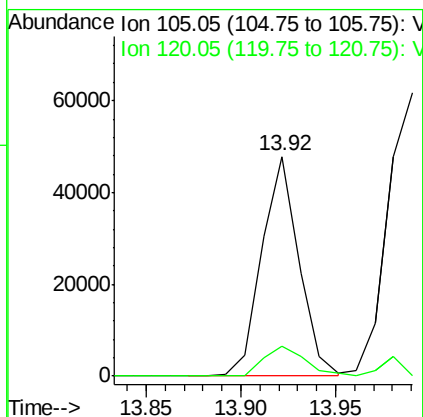
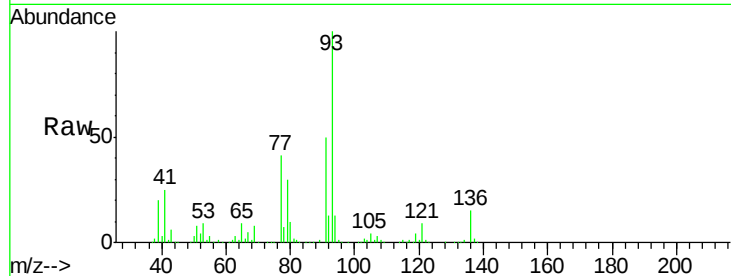




#80
 1,3,5-Trimethylbenzene
 Concen: 6.092 ug/l
 RT: 13.92 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062288.D
 Acq: 13 May 2019 6:04

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0002-01MSD

Tot Ion:105 Resp: 65450
 Ion Ratio Lower Upper
 105 100
 120 13.8 24.0 72.0#



#86
 p-Isopropyltoluene
 Concen: 18.467 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD062288.D
 Acq: 13 May 2019 6:04

Tgt Ion:119 Resp: 218460
 Ion Ratio Lower Upper
 119 100
 134 20.5 12.8 38.3
 91 28.3 10.7 32.1

