

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062266.D
 Acq On : 12 May 2019 18:32
 Operator : FY/SY
 Sample : K2733-11
 Misc : 6.15g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0612-01

Quant Time: May 15 05:26:13 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

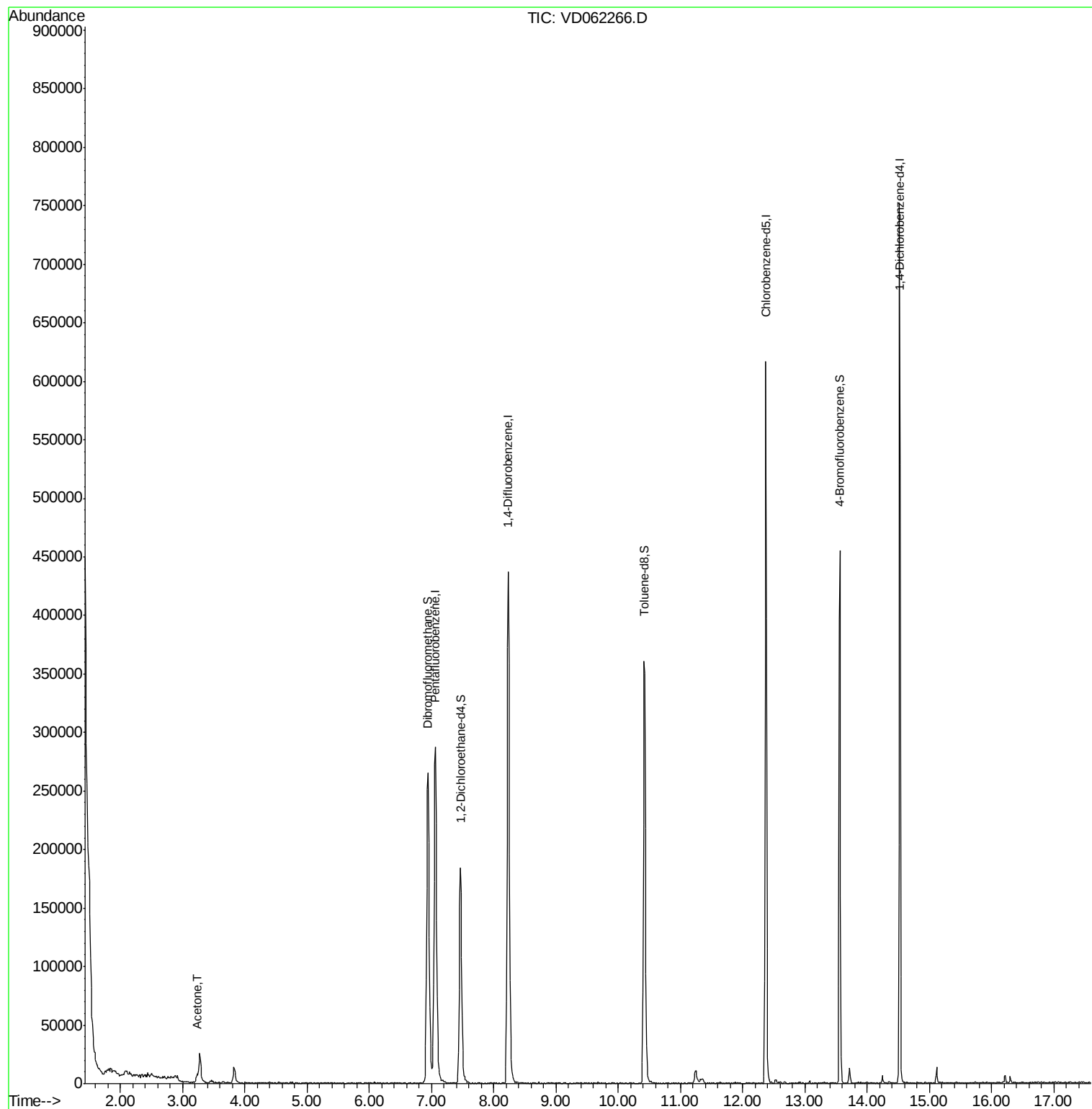
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	267774	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	458643	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	317982	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	155973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	213483	85.79	ug/l	0.04
Spiked Amount 50.000			Recovery	=	171.58%	
35) Dibromofluoromethane	6.94	113	232709	61.15	ug/l	0.05
Spiked Amount 50.000			Recovery	=	122.30%	
50) Toluene-d8	10.42	98	308771	33.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.30%	
62) 4-Bromofluorobenzene	13.56	95	140549	38.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.30%	
Target Compounds						
16) Acetone	3.23	43	13094	25.091	ug/l #	Qvalue 85

(#) = 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: VD062266.D

Acq: 12 May 2019 18:32

Instrument :

MSVOA_D

ClientSampleId :

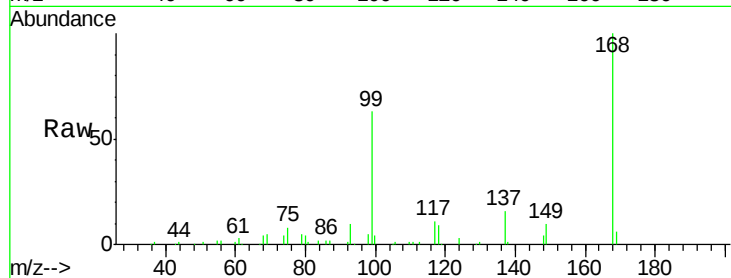
P021-SS002-0612-01

Tot Ion:168 Resp: 267774

Ion Ratio Lower Upper

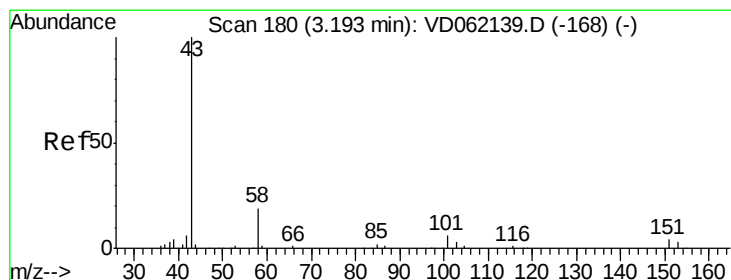
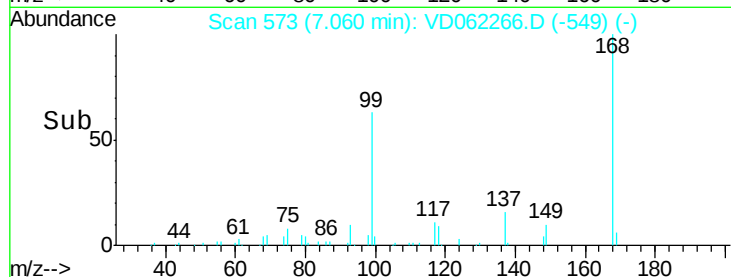
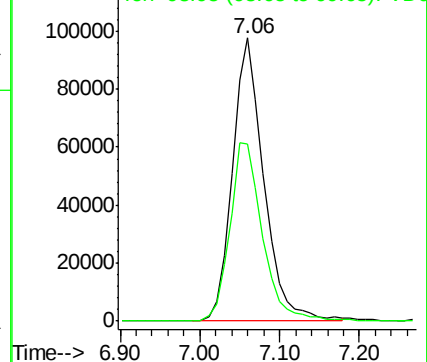
168 100

99 62.5 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: 25.091 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062266.D

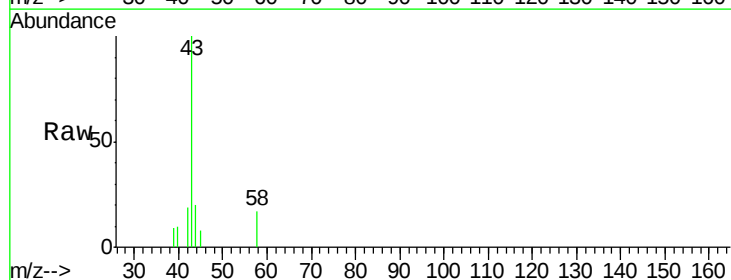
Acq: 12 May 2019 18:32

Tgt Ion: 43 Resp: 13094

Ion Ratio Lower Upper

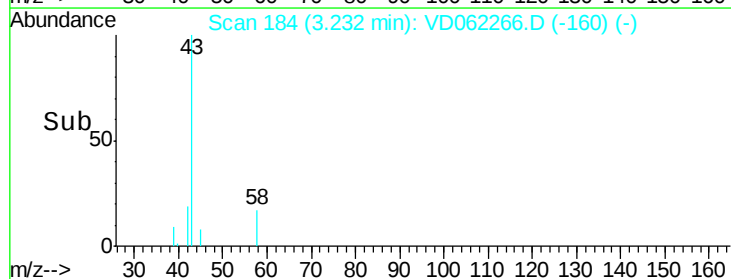
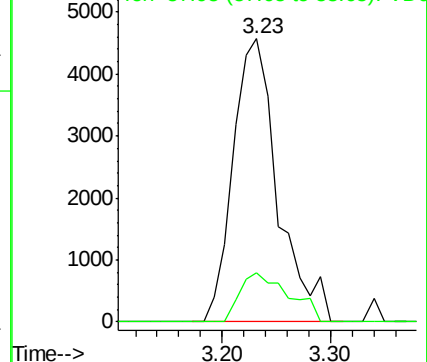
43 100

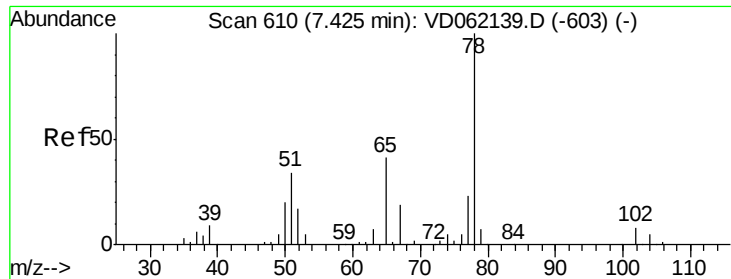
58 17.1 19.9 29.9#



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: 85.789 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062266.D

Acq: 12 May 2019 18:32

Instrument :

MSVOA_D

ClientSampleId :

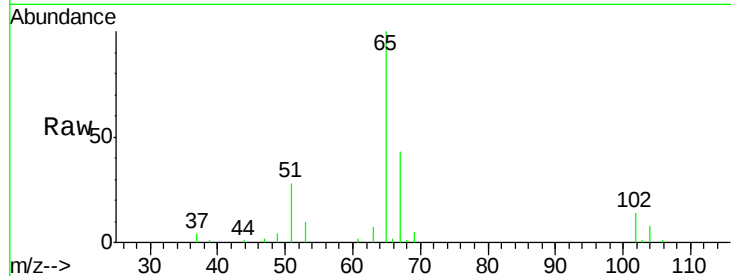
P021-SS002-0612-01

Tot Ion: 65 Resp: 213483

Ion Ratio Lower Upper

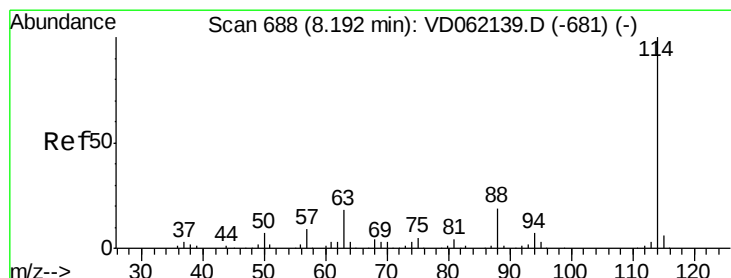
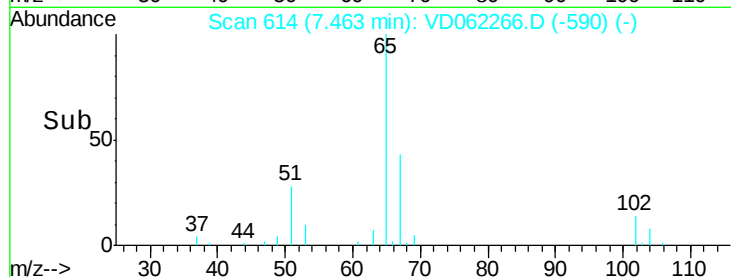
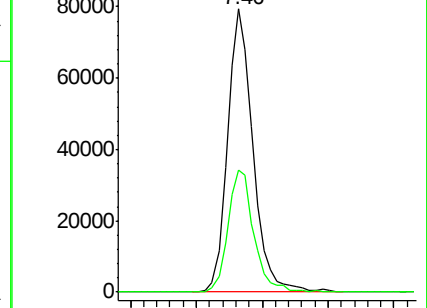
65 100

67 42.9 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: VD062266.D

Acq: 12 May 2019 18:32

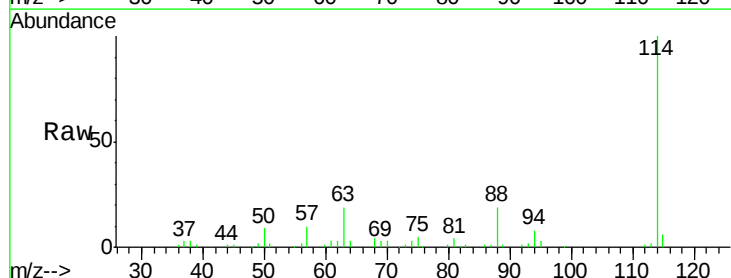
Tgt Ion: 114 Resp: 458643

Ion Ratio Lower Upper

114 100

63 18.8 0.0 32.4

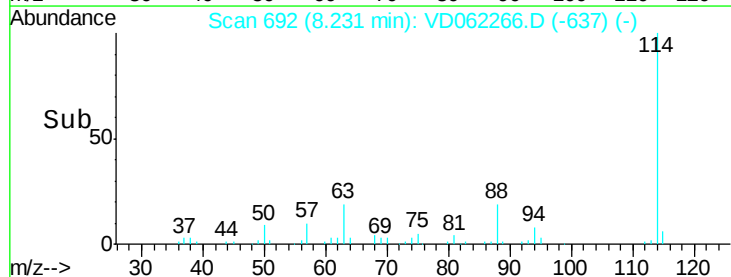
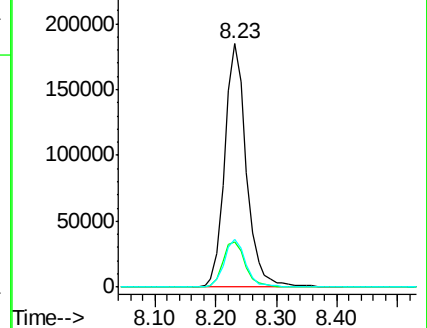
88 19.4 0.0 33.6

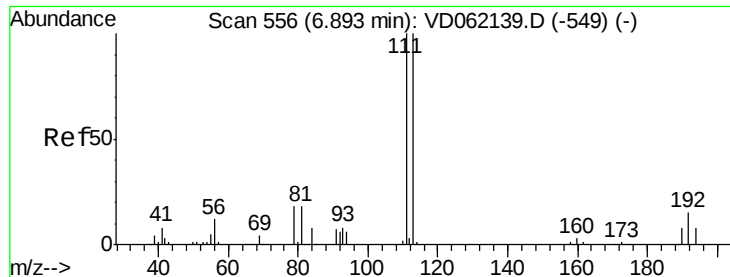


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

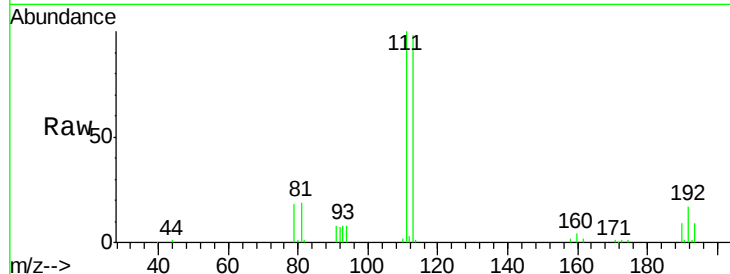




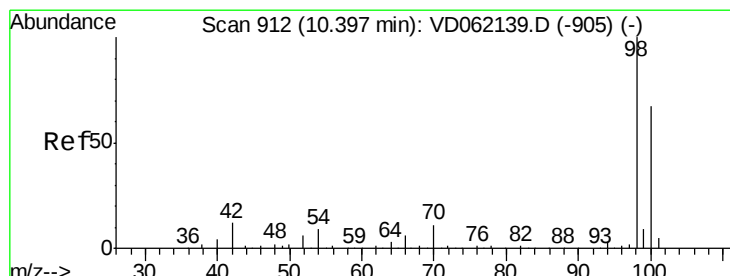
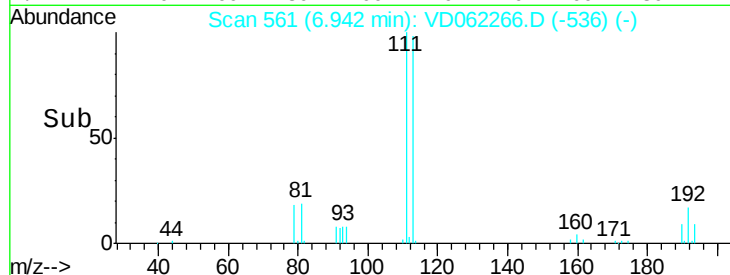
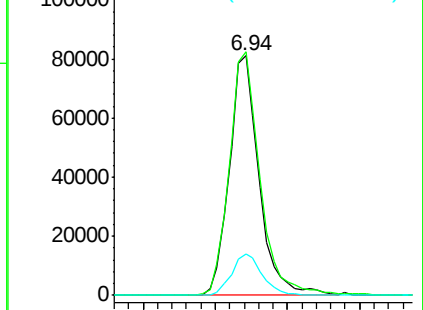
#35
Dibromofluoromethane
Concen: 61.152 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD062266.D
Acq: 12 May 2019 18:32

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0612-01

Tot Ion:113 Resp: 232709
Ion Ratio Lower Upper
113 100
111 101.7 78.5 117.7
192 17.5 13.0 19.4

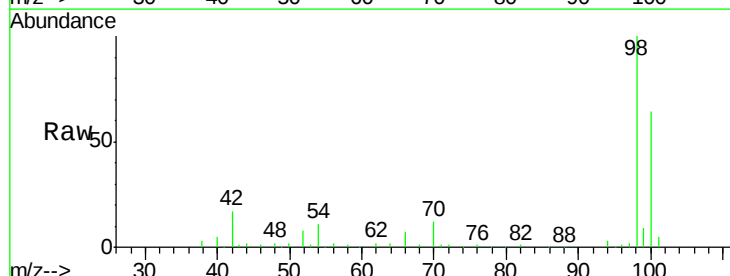


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

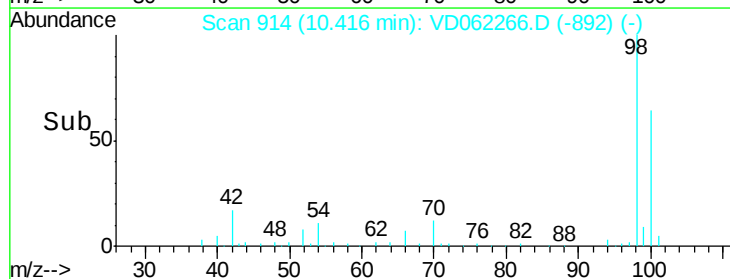
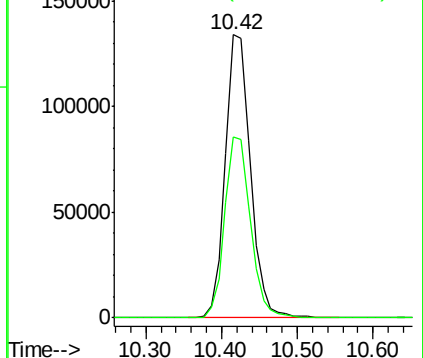


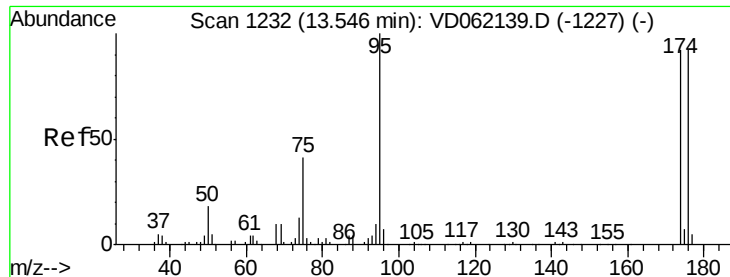
#50
Toluene-d8
Concen: 33.653 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062266.D
Acq: 12 May 2019 18:32

Tgt Ion: 98 Resp: 308771
Ion Ratio Lower Upper
98 100
100 63.8 53.8 80.8



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

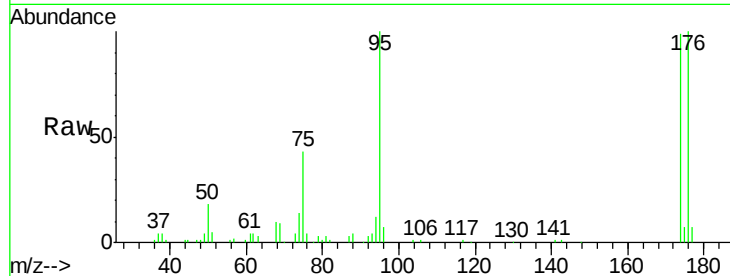




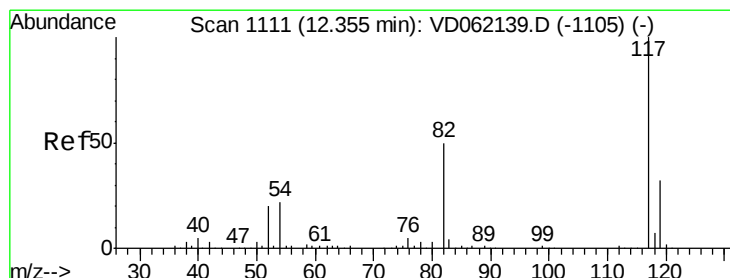
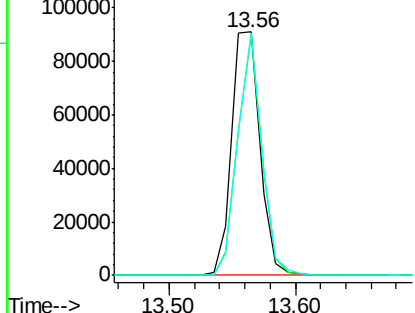
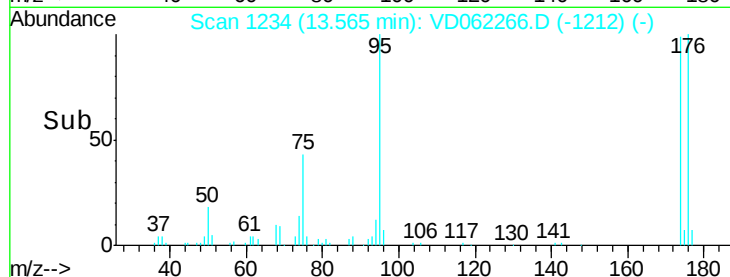
#62
4-Bromofluorobenzene
Concen: 38.147 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062266.D
Acq: 12 May 2019 18:32

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0612-01

Tot Ion: 95 Resp: 140549
Ion Ratio Lower Upper
95 100
174 98.8 0.0 181.8
176 99.6 0.0 174.4

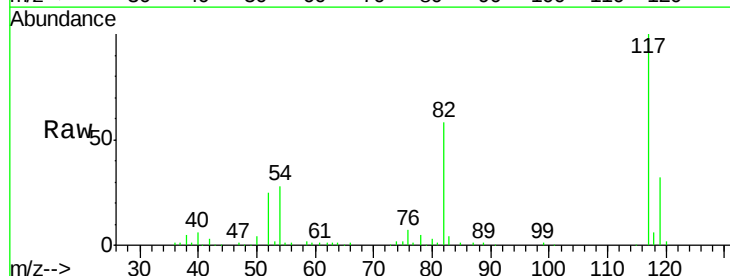


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

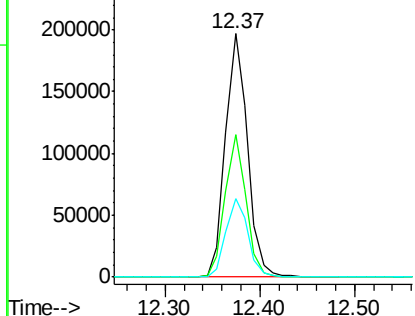
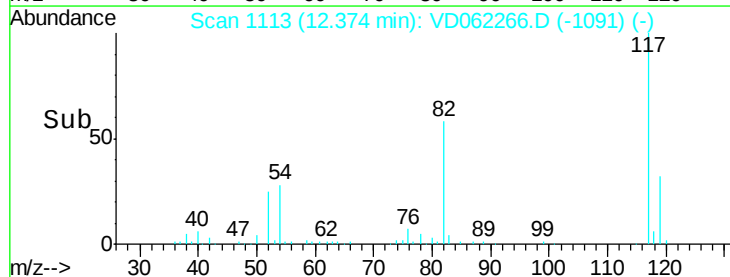


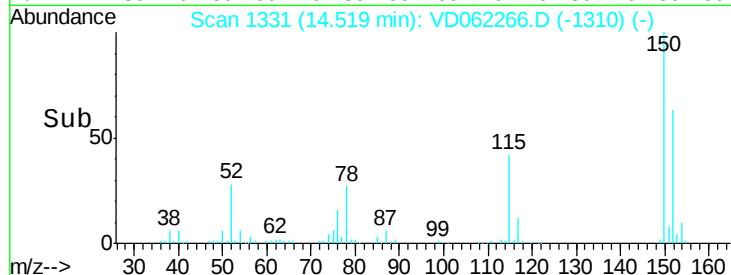
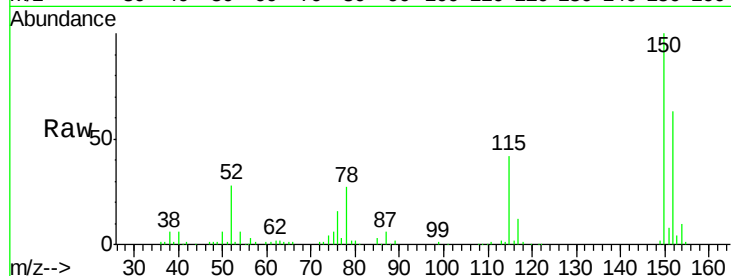
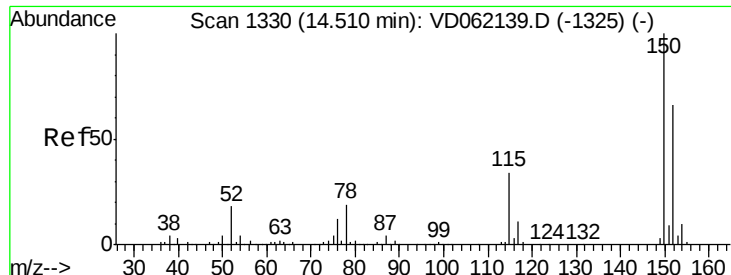
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062266.D
Acq: 12 May 2019 18:32

Tgt Ion: 117 Resp: 317982
Ion Ratio Lower Upper
117 100
82 58.4 36.2 54.2#
119 32.2 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: VD062266.D
 Acq: 12 May 2019 18:32

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	67.2	30.9	92.7
150	159.2	0.0	314.8

