

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062268.D
 Acq On : 12 May 2019 19:27
 Operator : FY/SY
 Sample : K2733-13
 Misc : 5.64g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-1824-01

Quant Time: May 15 05:26:41 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

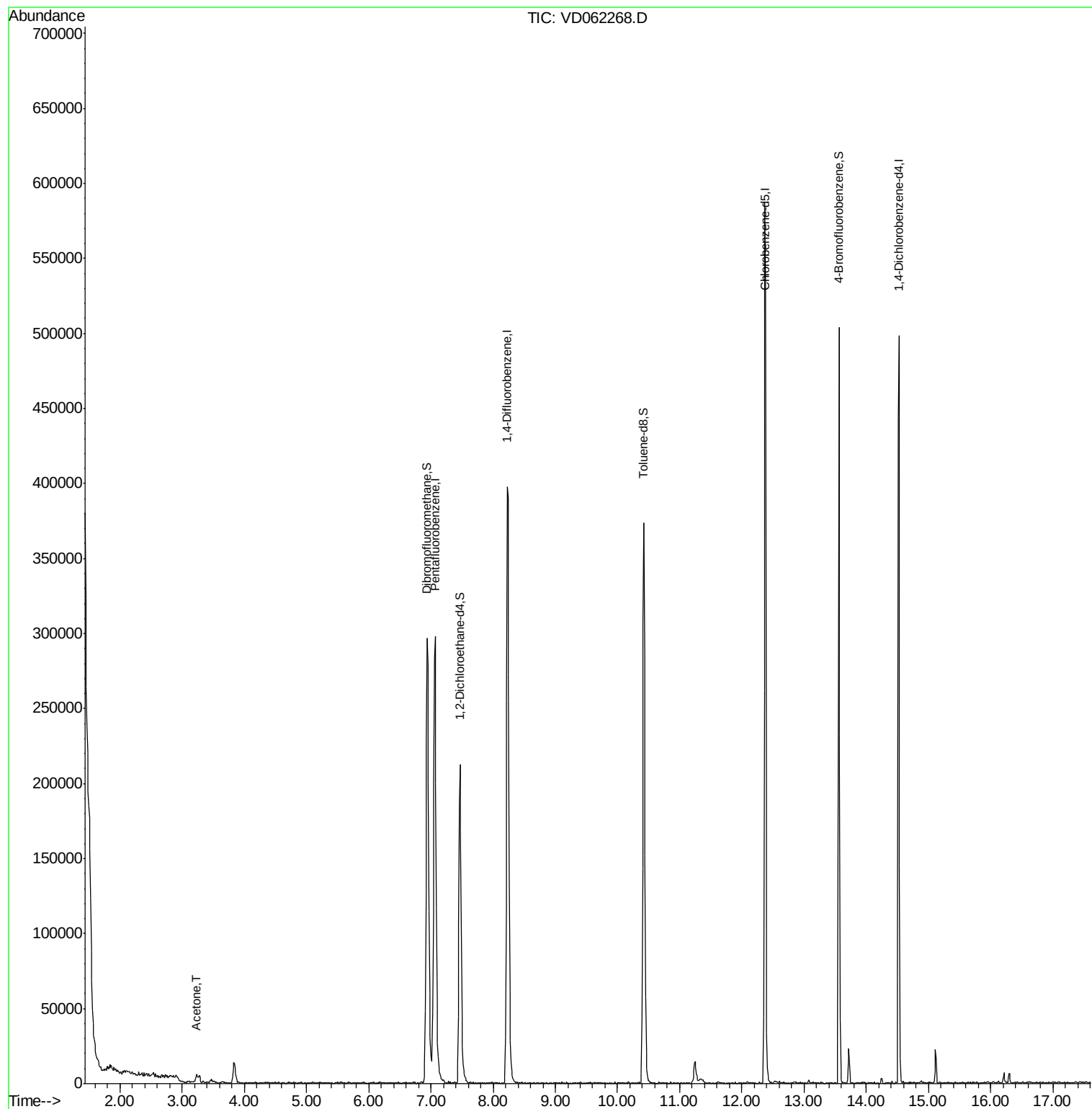
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	272059	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	434511	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	317365	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	113745	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	238312	94.26	ug/l	0.04
Spiked Amount 50.000			Recovery	=	188.52%	
35) Dibromofluoromethane	6.94	113	263503	73.09	ug/l	0.04
Spiked Amount 50.000			Recovery	=	146.18%	
50) Toluene-d8	10.42	98	307255	35.35	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.70%	
62) 4-Bromofluorobenzene	13.56	95	131894	37.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.58%	
Target Compounds						
16) Acetone	3.24	43	10161	19.164	ug/l #	Qvalue 89

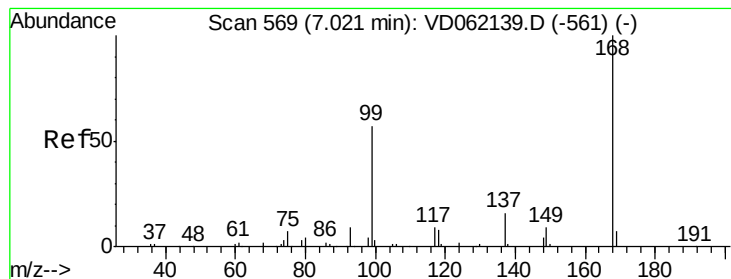
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062268.D

Acq: 12 May 2019 19:27

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MSVOA_D

ClientSampleId :

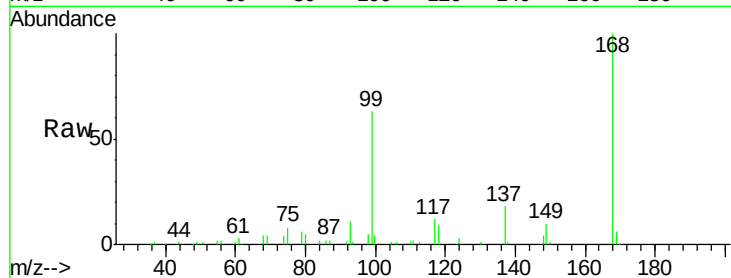
P021-SS002-1824-01

Tot Ion:168 Resp: 272059

Ion Ratio Lower Upper

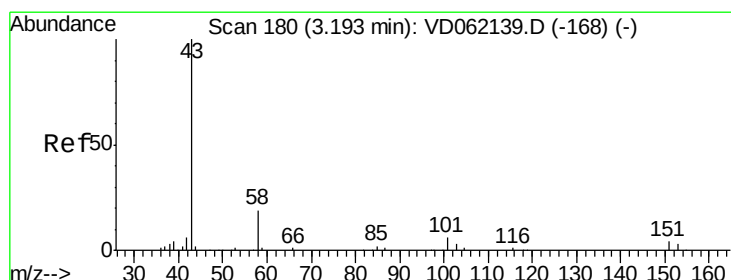
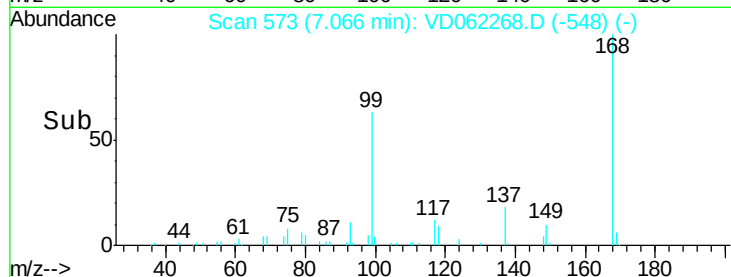
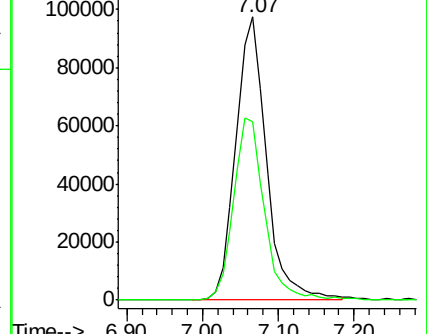
168 100

99 63.2 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: 19.164 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062268.D

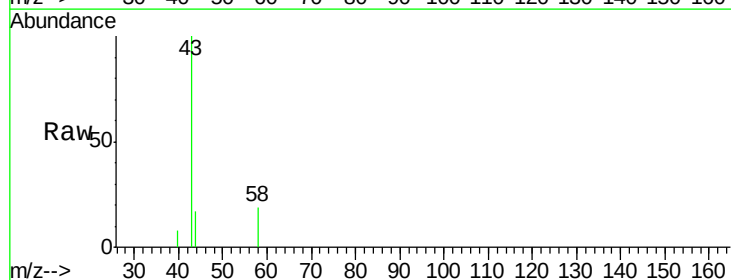
Acq: 12 May 2019 19:27

Tgt Ion: 43 Resp: 10161

Ion Ratio Lower Upper

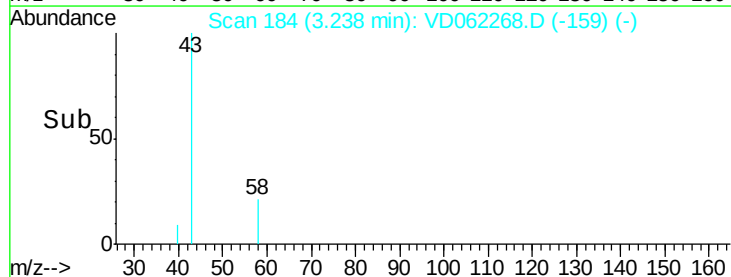
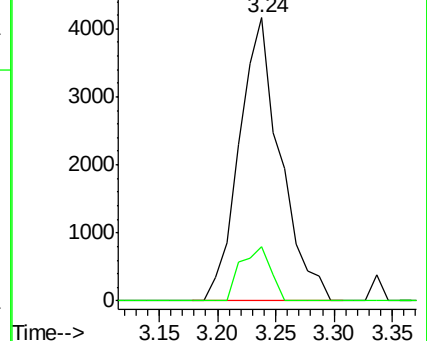
43 100

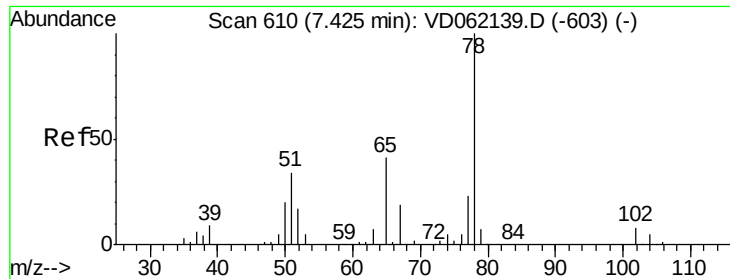
58 19.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

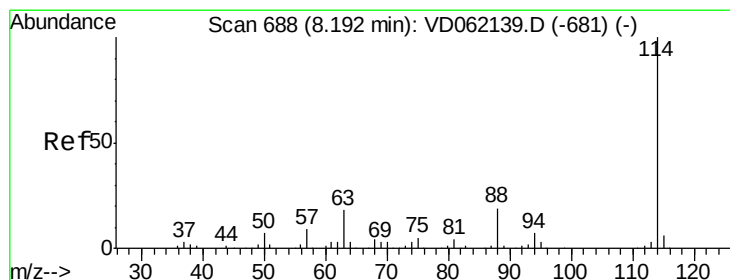
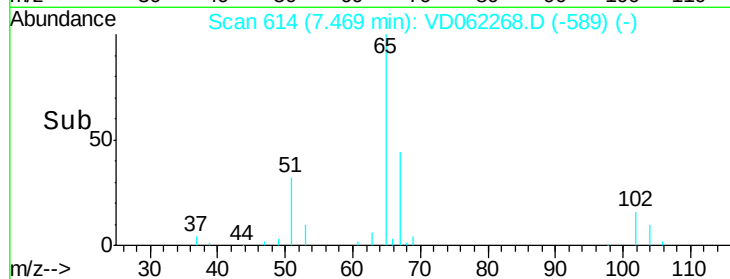
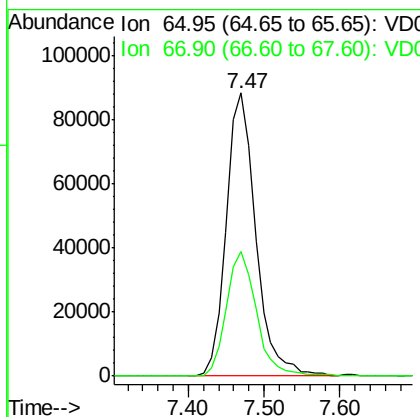
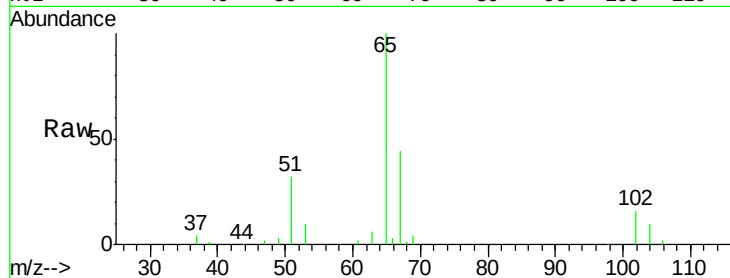




#33
 1,2-Dichloroethane-d4
 Concen: 94.259 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062268.D
 Acq: 12 May 2019 19:27

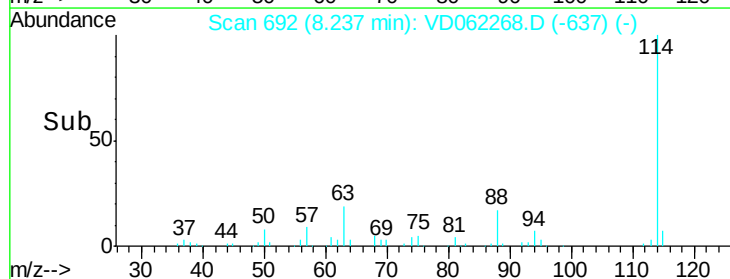
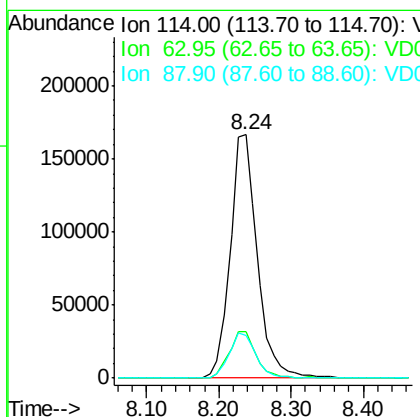
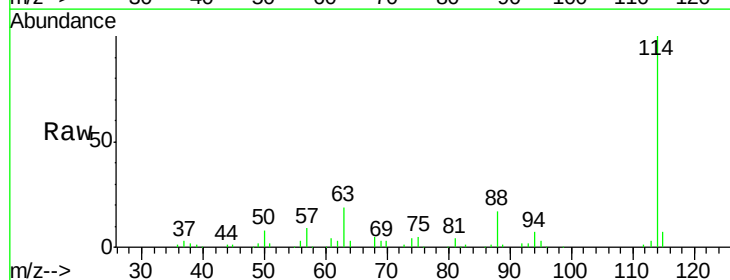
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-1824-01

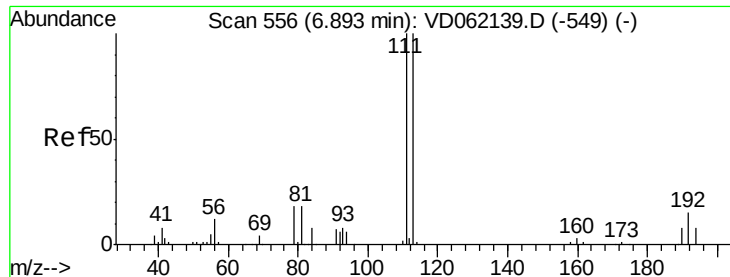
Tot Ion: 65 Resp: 238312
 Ion Ratio Lower Upper
 65 100
 67 44.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062268.D
 Acq: 12 May 2019 19:27

Tgt Ion: 114 Resp: 434511
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 32.4
 88 17.5 0.0 33.6

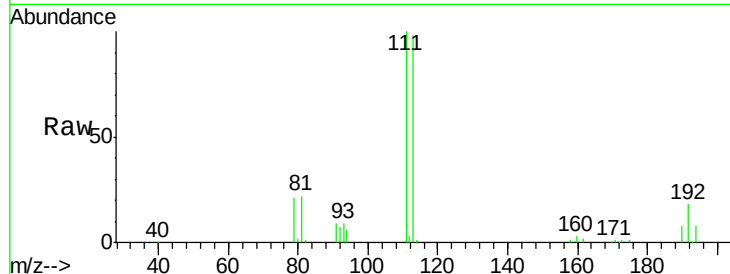




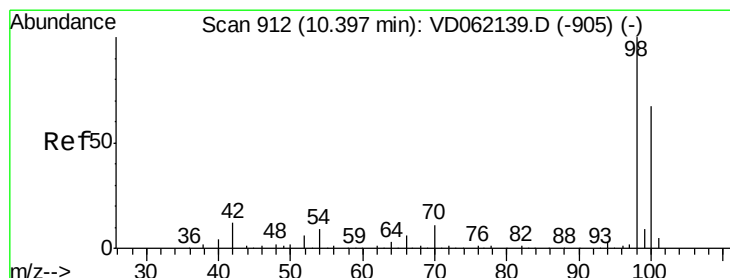
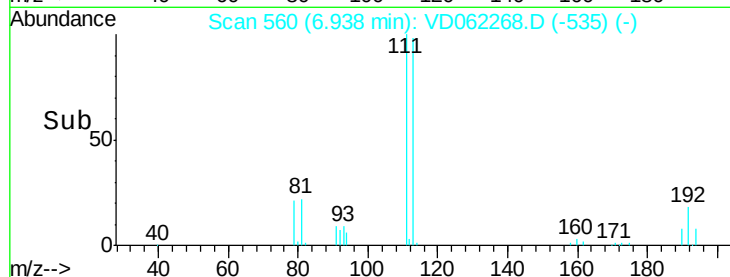
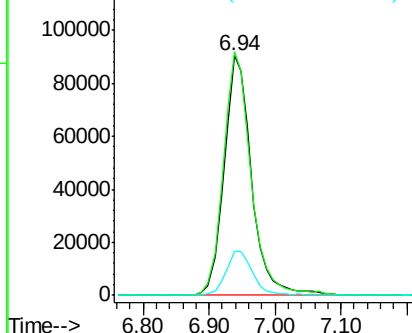
#35
Dibromofluoromethane
Concen: 73.090 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.04 min
Lab File: VD062268.D
Acq: 12 May 2019 19:27

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-1824-01

Tot Ion:113 Resp: 263503
Ion Ratio Lower Upper
113 100
111 101.6 78.5 117.7
192 18.2 13.0 19.4

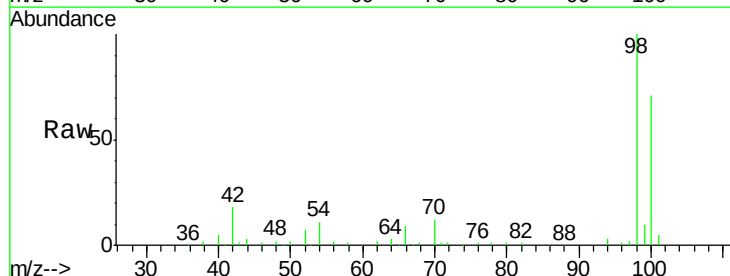


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

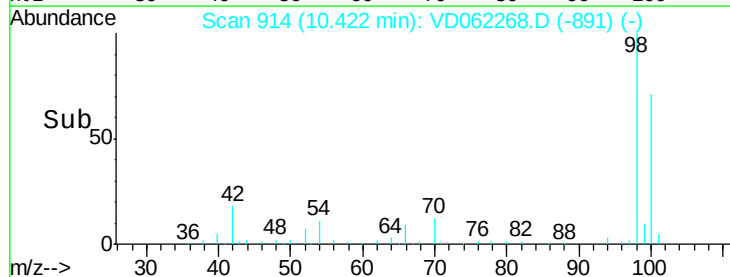
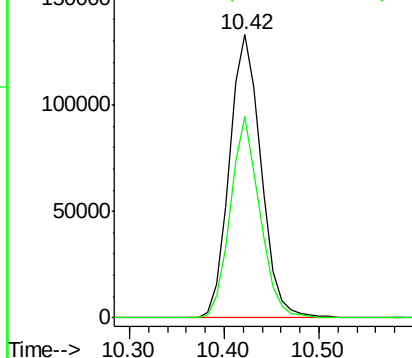


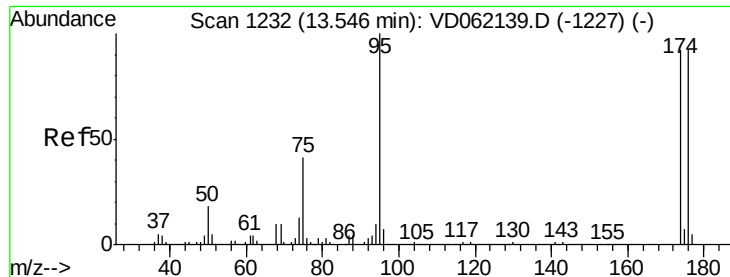
#50
Toluene-d8
Concen: 35.348 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062268.D
Acq: 12 May 2019 19:27

Tgt Ion: 98 Resp: 307255
Ion Ratio Lower Upper
98 100
100 71.2 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: 37.786 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062268.D

Acq: 12 May 2019 19:27

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-1824-01

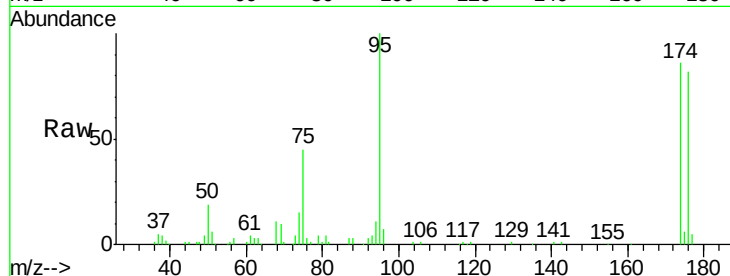
Tot Ion: 95 Resp: 131894

Ion Ratio Lower Upper

95 100

174 85.9 0.0 181.8

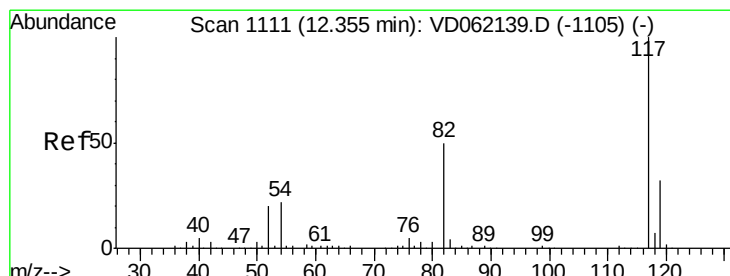
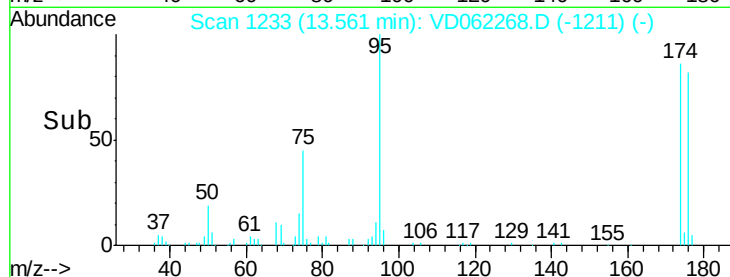
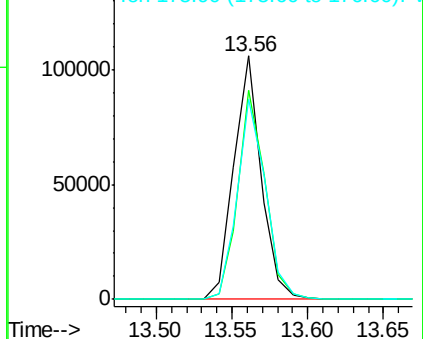
176 82.4 0.0 174.4



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# 1112

Delta R.T. 0.02 min

Lab File: VD062268.D

Acq: 12 May 2019 19:27

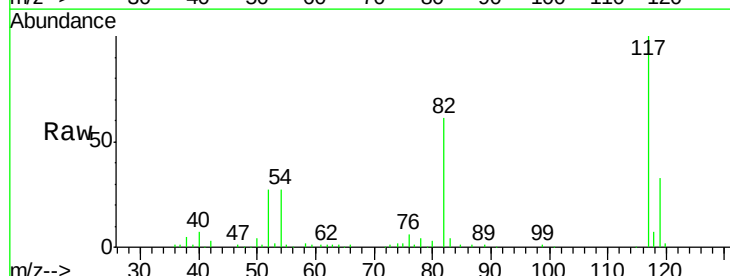
Tgt Ion: 117 Resp: 317365

Ion Ratio Lower Upper

117 100

82 60.9 36.2 54.2#

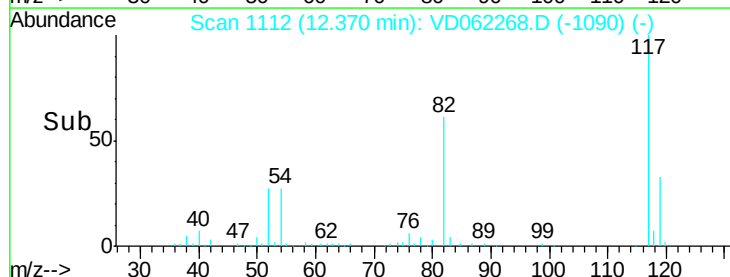
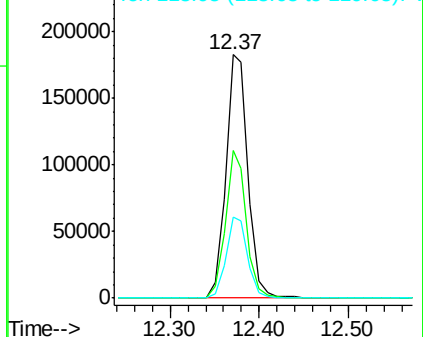
119 33.3 26.2 39.4

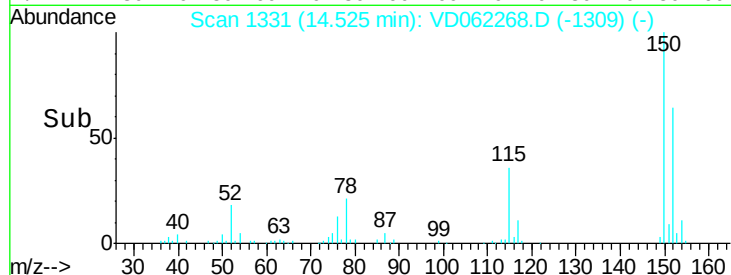
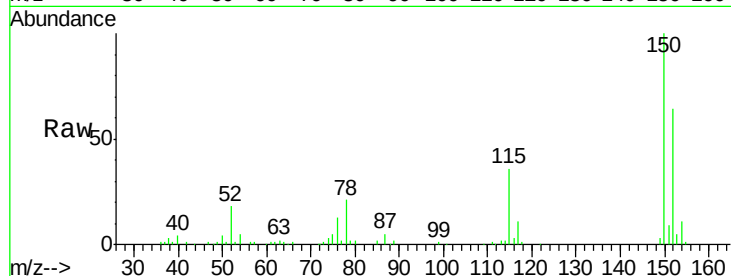
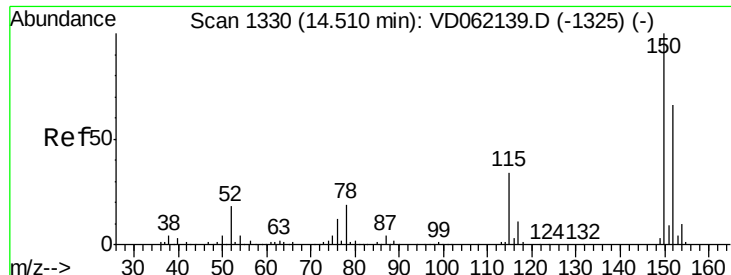


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD062268.D
 Acq: 12 May 2019 19:27

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	30.9	92.7
150	155.2	0.0	314.8

