

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061930.D
 Acq On : 20 Apr 2019 4:29
 Operator : VA/AP
 Sample : K2201-01
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-A

Quant Time: Apr 20 05:39:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

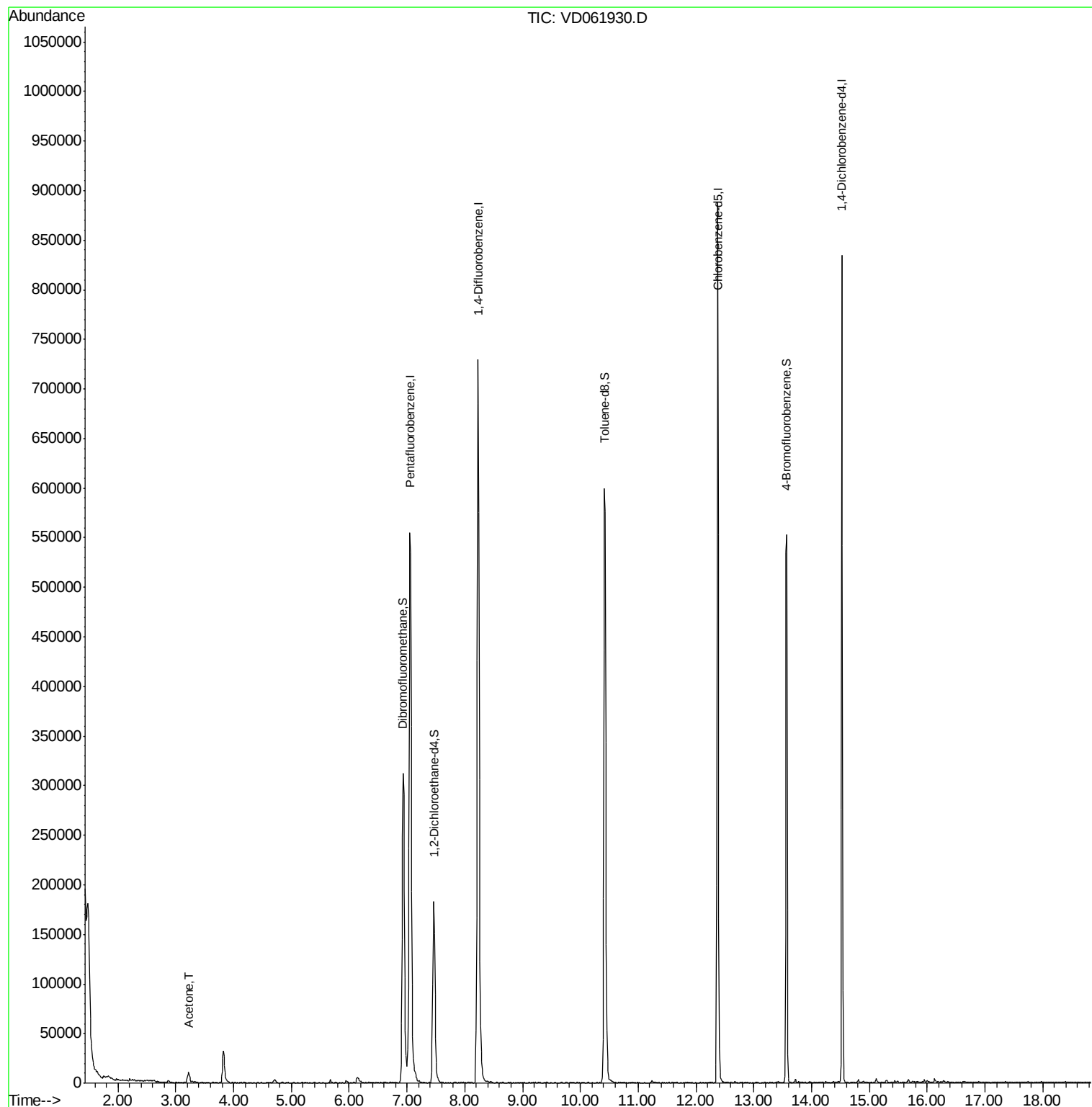
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	560395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	907899	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	575600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	186638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	186930	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
35) Dibromofluoromethane	6.93	113	293056	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
50) Toluene-d8	10.42	98	557560	34.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.62%	
62) 4-Bromofluorobenzene	13.56	95	192079	29.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.32%	
Target Compounds						
16) Acetone	3.22	43	21238	18.347	ug/l #	Qvalue 87

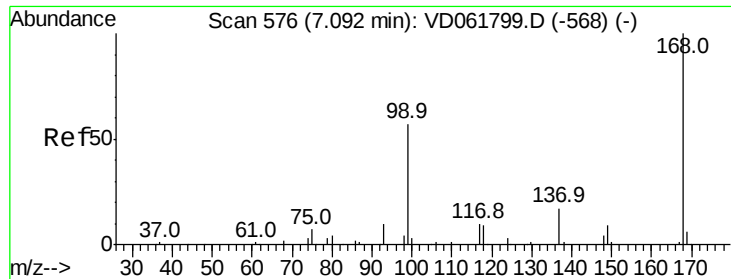
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

Instrument :

MSVOA_D

ClientSampleId :

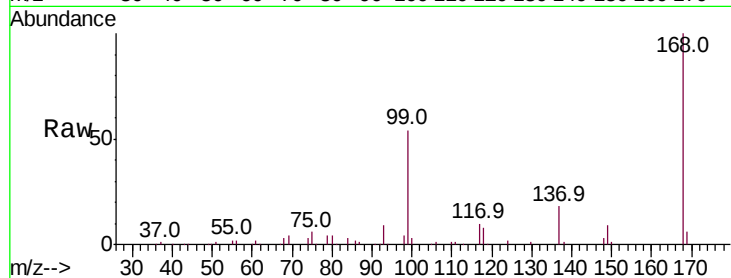
PL-01-041819-A

Tot Ion:168 Resp: 560395

Ion Ratio Lower Upper

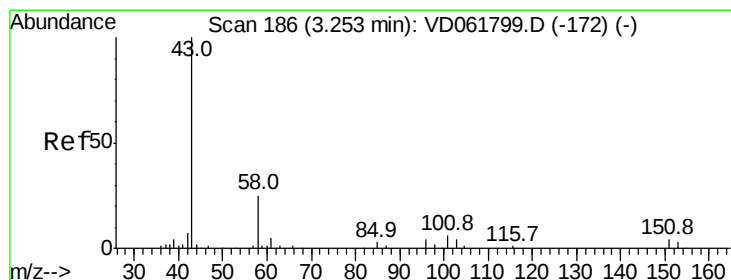
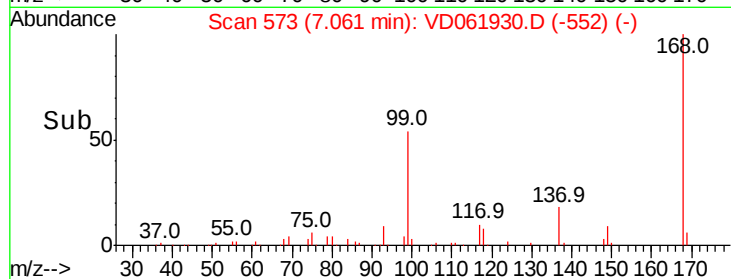
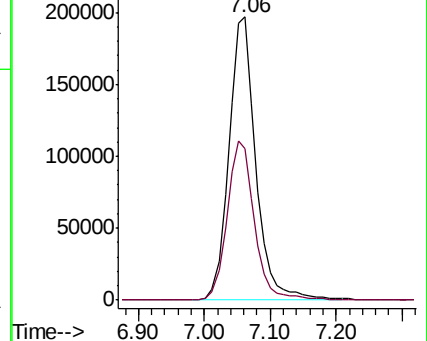
168 100

99 53.6 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: 18.347 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061930.D

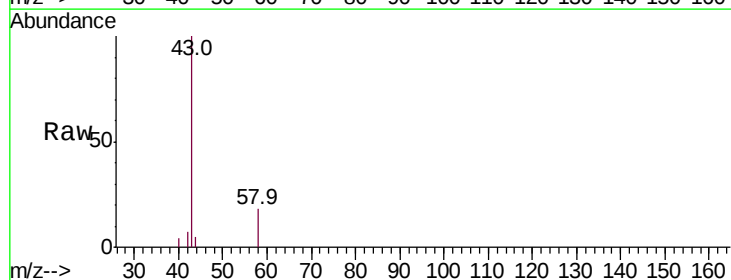
Acq: 20 Apr 2019 4:29

Tgt Ion: 43 Resp: 21238

Ion Ratio Lower Upper

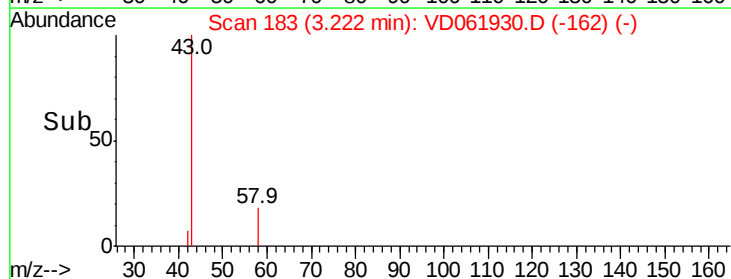
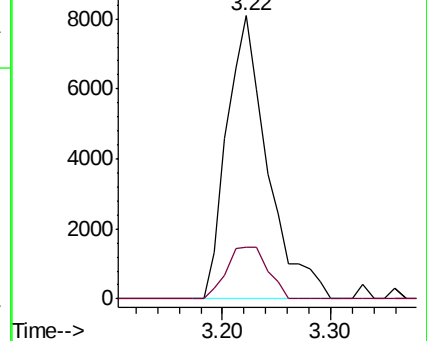
43 100

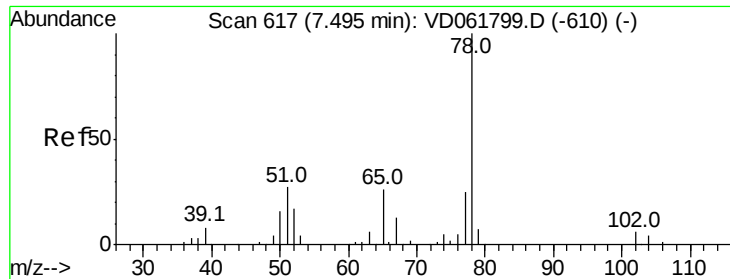
58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

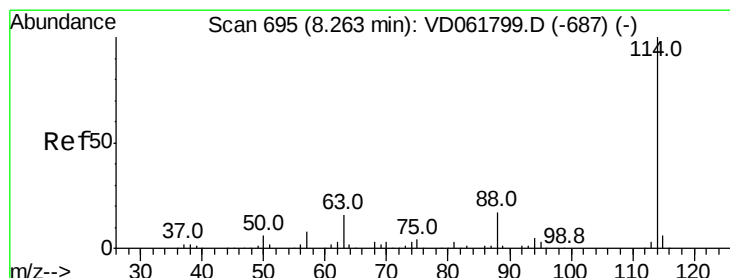
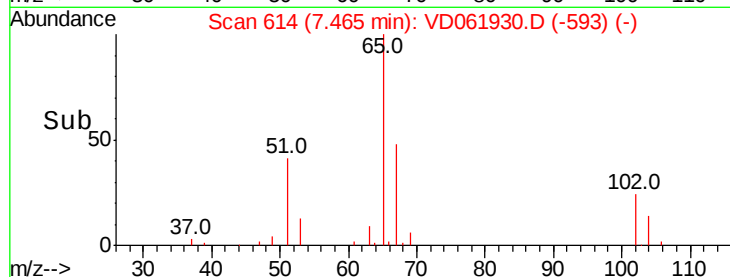
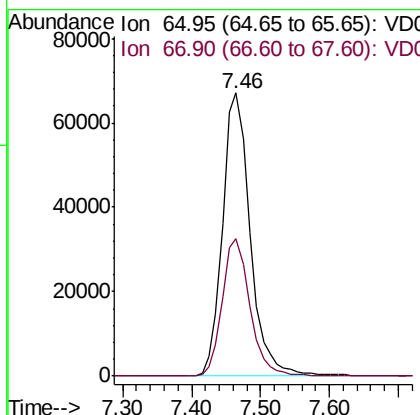
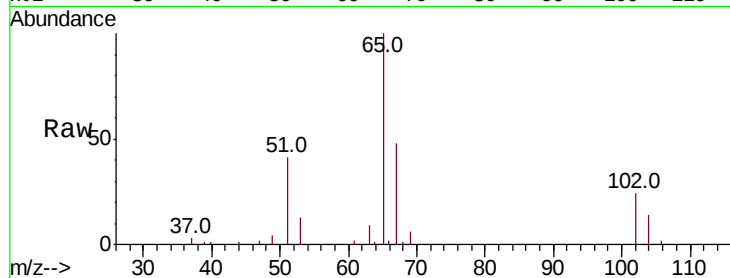




#33
 1,2-Dichloroethane-d4
 Concen: 39.801 ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

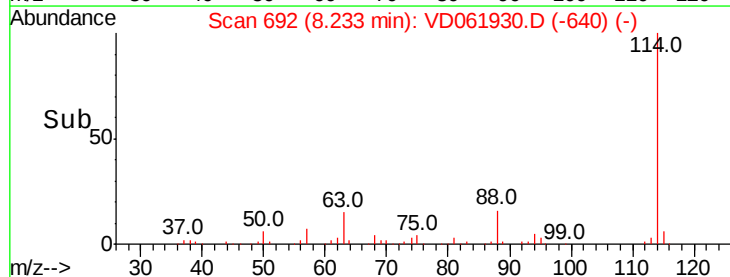
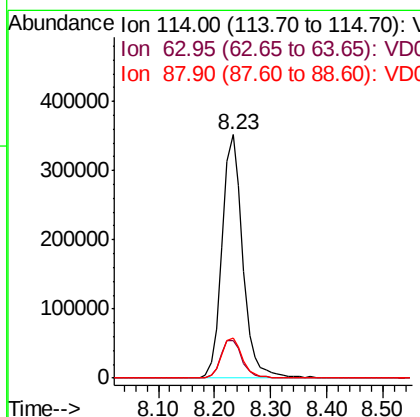
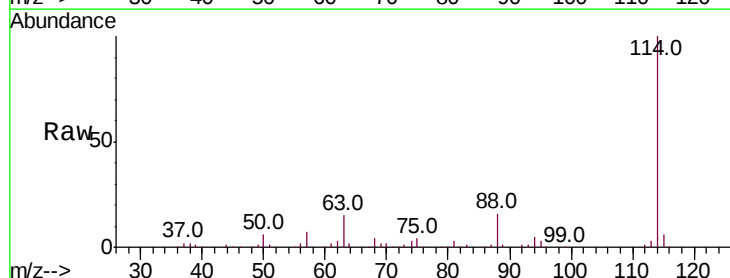
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 PL-01-041819-A

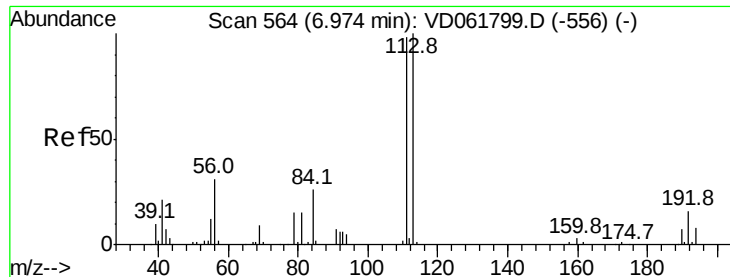
Tot Ion: 65 Resp: 186930
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

Tgt Ion: 114 Resp: 907899
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 32.4
 88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 42.724 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061930.D

Acq: 20 Apr 2019 4:29

Instrument :

MSVOA_D

ClientSampleId :

PL-01-041819-A

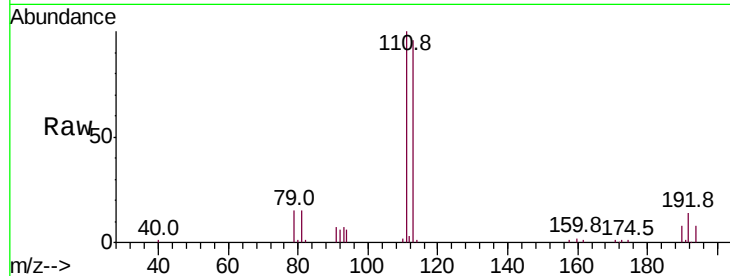
Tot Ion:113 Resp: 293056

Ion Ratio Lower Upper

113 100

111 104.7 78.5 117.7

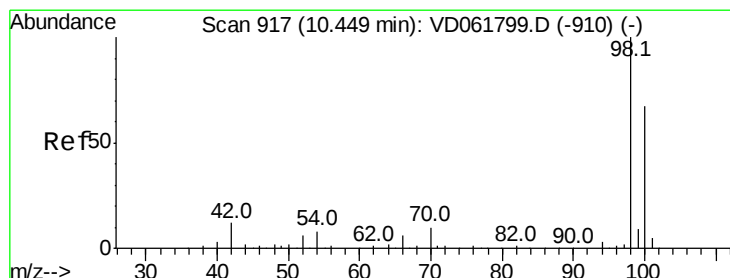
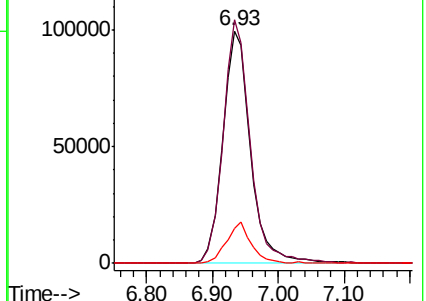
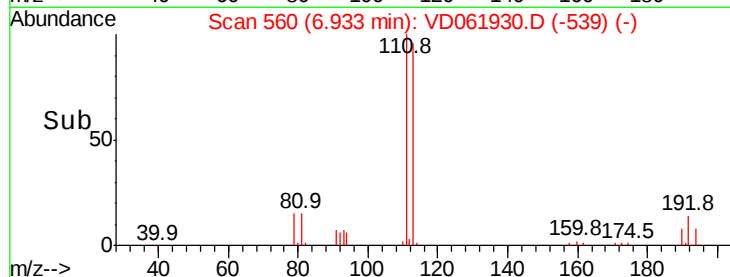
192 14.9 13.0 19.4



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: 34.306 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061930.D

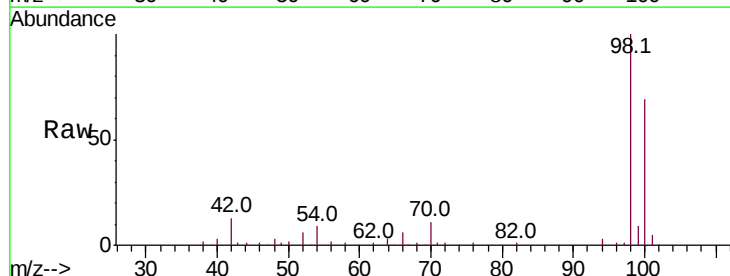
Acq: 20 Apr 2019 4:29

Tgt Ion: 98 Resp: 557560

Ion Ratio Lower Upper

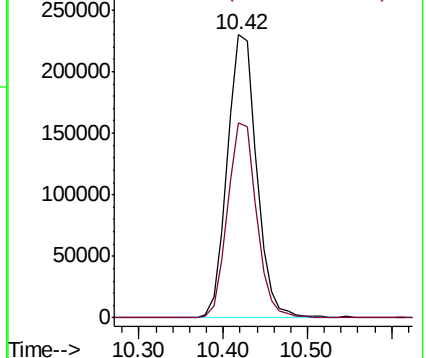
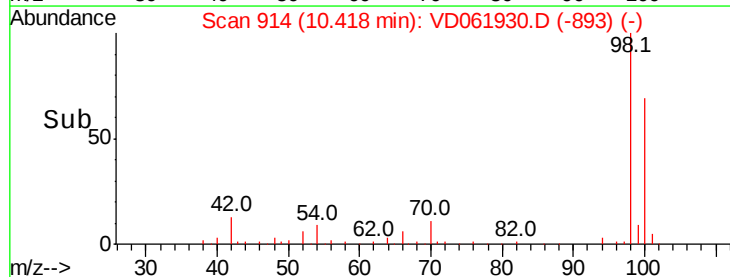
98 100

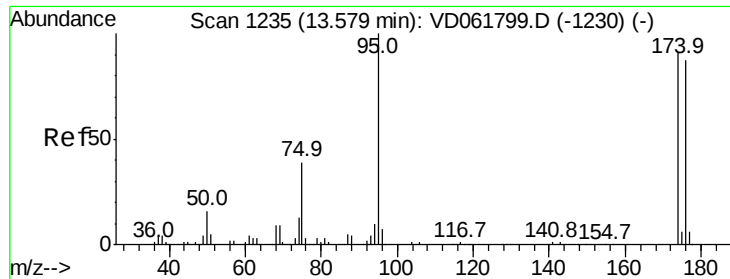
100 68.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

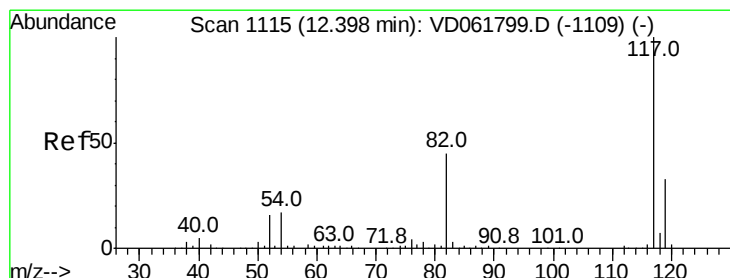
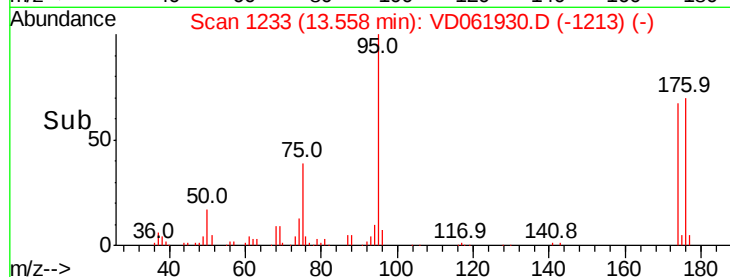
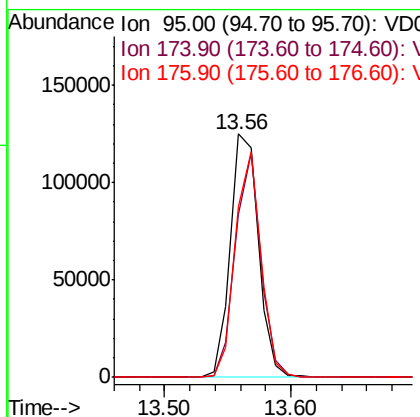
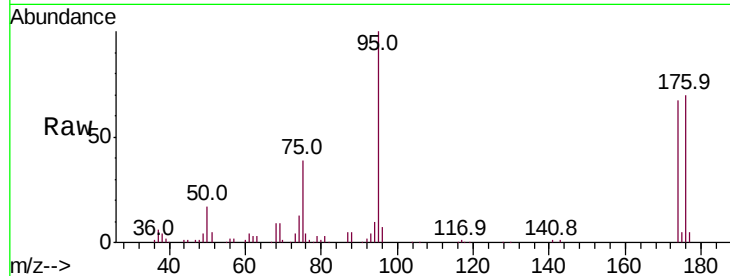




#62
 4-Bromofluorobenzene
 Concen: 29.159 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

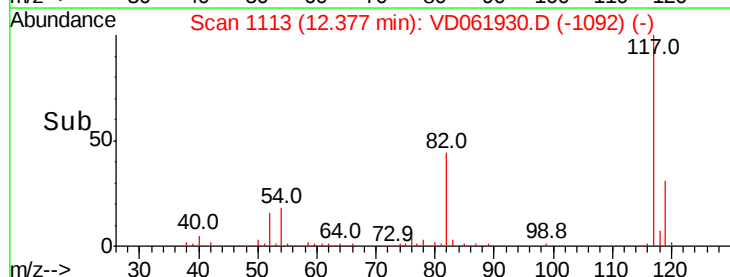
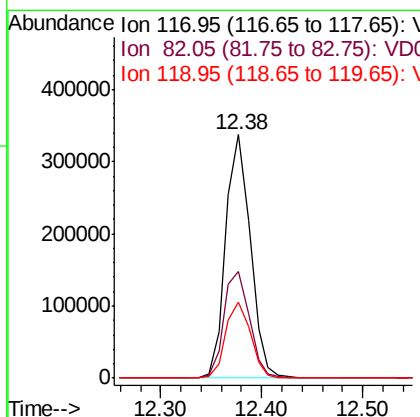
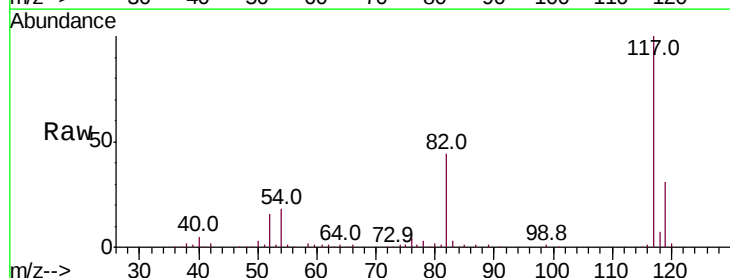
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 PL-01-041819-A

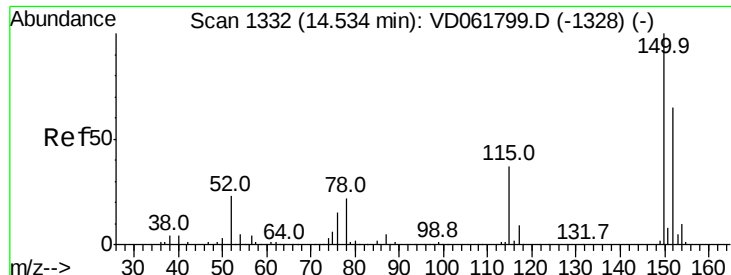
Tot Ion: 95 Resp: 192079
 Ion Ratio Lower Upper
 95 100
 174 66.7 0.0 181.8
 176 69.9 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

Tgt Ion: 117 Resp: 575600
 Ion Ratio Lower Upper
 117 100
 82 43.9 36.2 54.2
 119 31.4 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD061930.D
 Acq: 20 Apr 2019 4:29

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-A

Tot Ion:	152	Resp:	186638
Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.7
150	159.4	0.0	314.8

