

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051319\
 Data File : VD062301.D
 Acq On : 13 May 2019 13:35
 Operator : FY/SY
 Sample : K2718-18
 Misc : 5.42g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0612-01

Quant Time: May 14 05:29:14 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

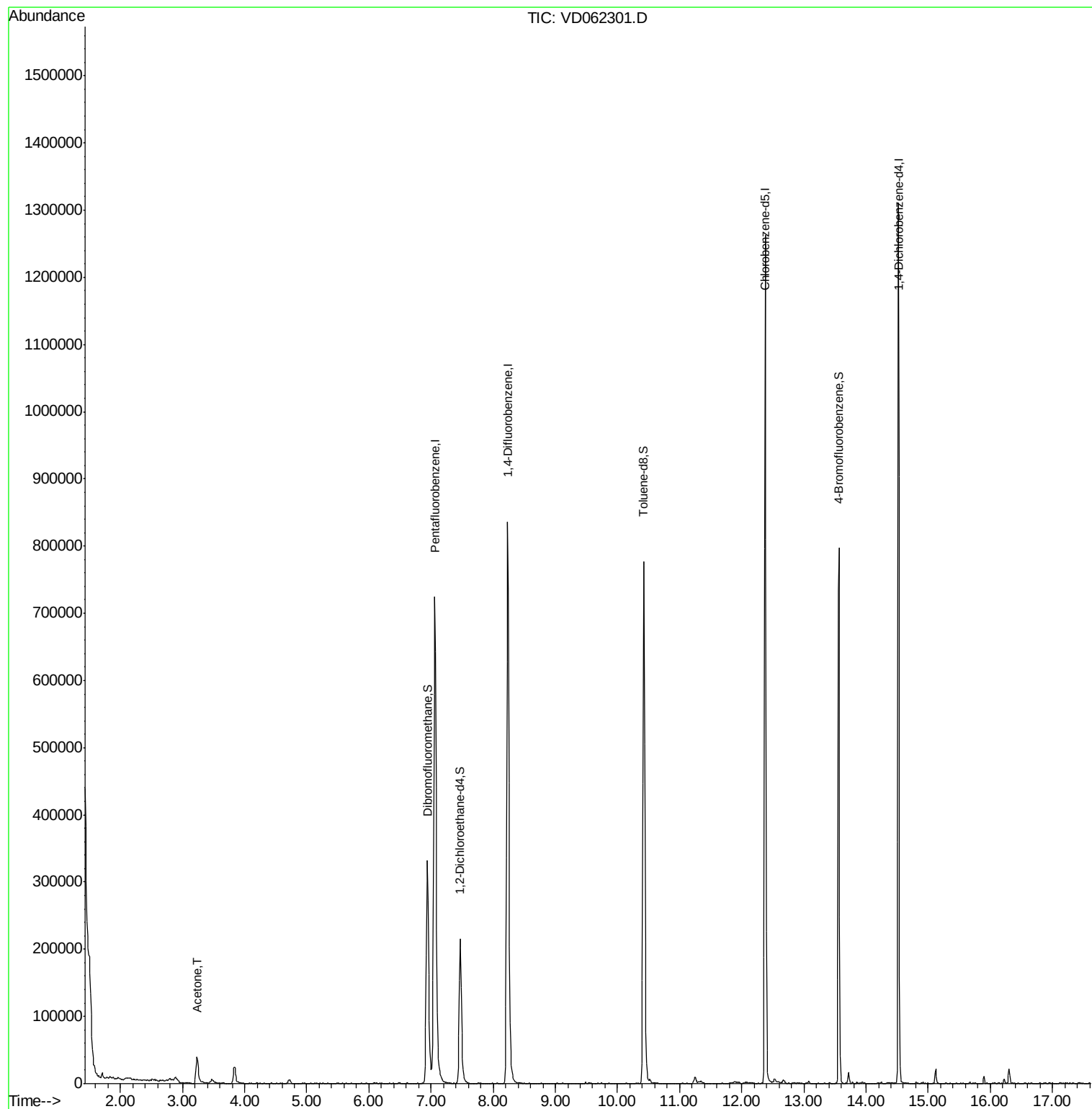
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	672350	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	886504	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	648519	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	273247	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	247624	39.63	ug/l	0.04
Spiked Amount 50.000			Recovery	=	79.26%	
35) Dibromofluoromethane	6.94	113	286379	38.93	ug/l	0.05
Spiked Amount 50.000			Recovery	=	77.86%	
50) Toluene-d8	10.43	98	654907	36.93	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.86%	
62) 4-Bromofluorobenzene	13.56	95	245886	34.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.06%	
Target Compounds						
16) Acetone	3.23	43	82353	62.849	ug/l #	Qvalue 76

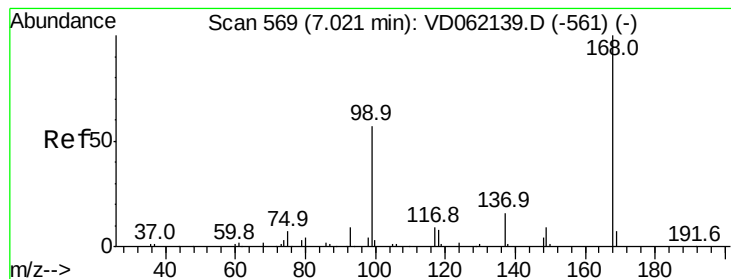
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062301.D

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MSVOA_D

ClientSampleId :

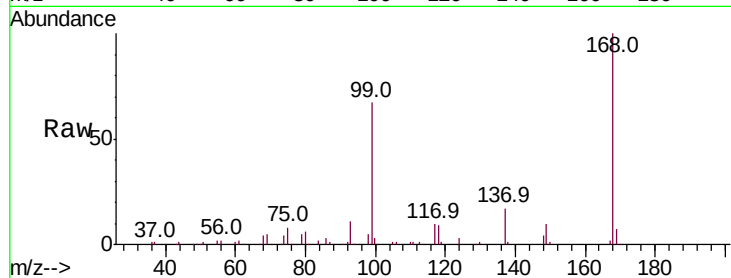
P026-SS007-0612-01

Tot Ion:168 Resp: 672350

Ion Ratio Lower Upper

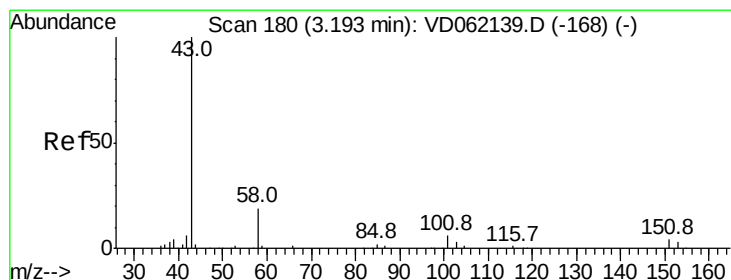
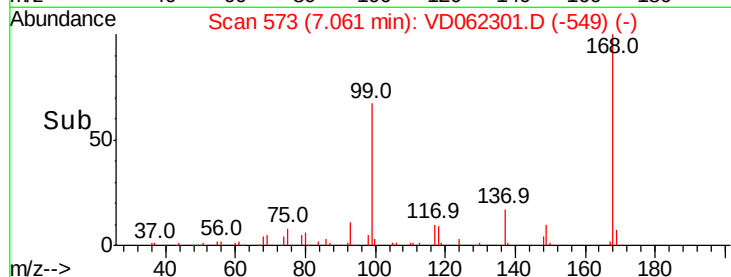
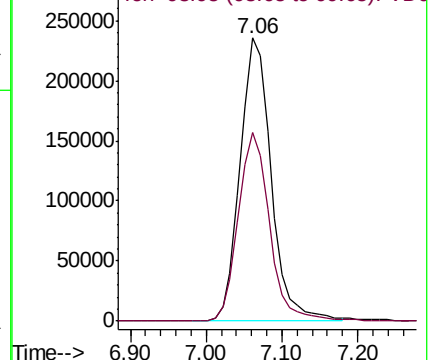
168 100

99 66.7 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: 62.849 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062301.D

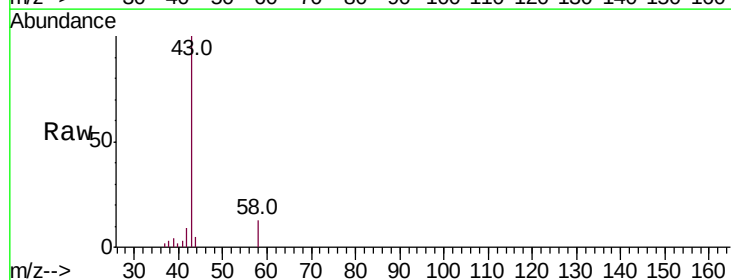
Acq: 13 May 2019 13:35

Tgt Ion: 43 Resp: 82353

Ion Ratio Lower Upper

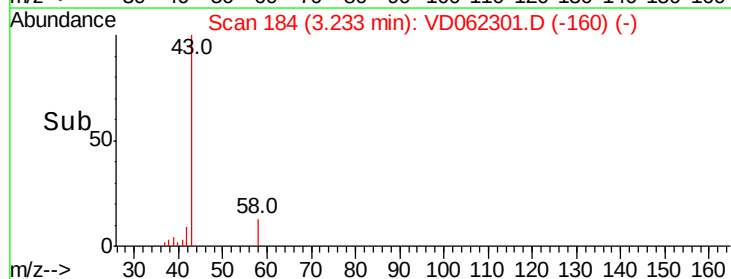
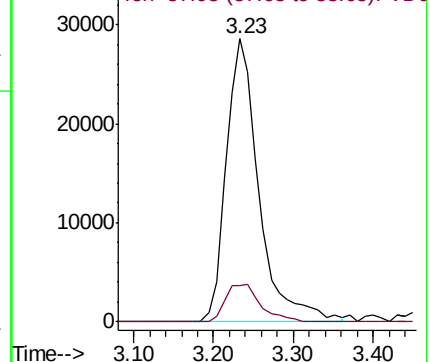
43 100

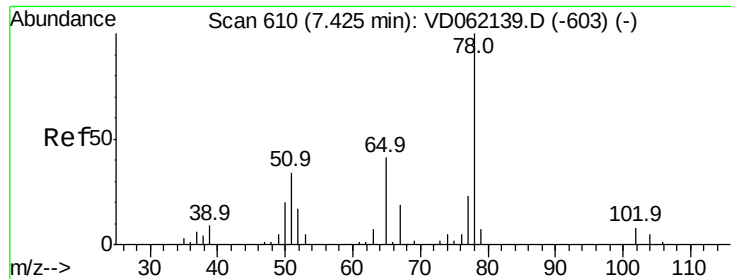
58 13.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

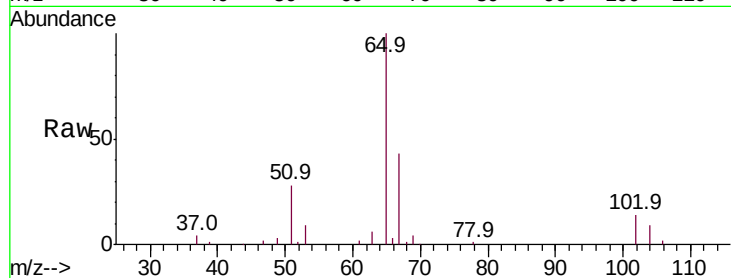




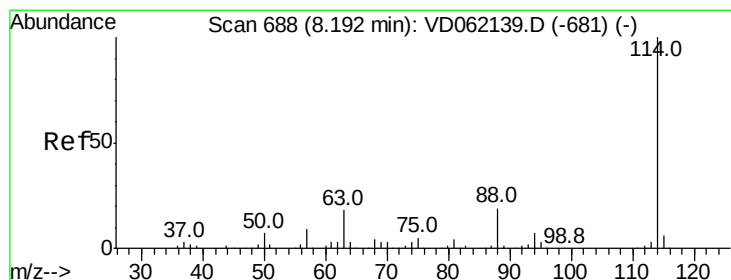
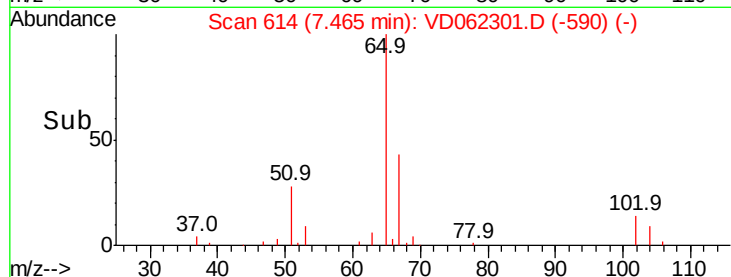
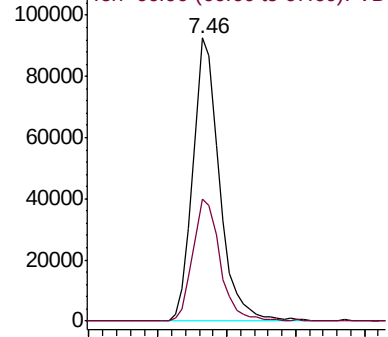
#33
 1,2-Dichloroethane-d4
 Concen: 39.631 ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062301.D
 Acq: 13 May 2019 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0612-01

Tot Ion: 65 Resp: 247624
 Ion Ratio Lower Upper
 65 100
 67 43.2 0.0 98.0

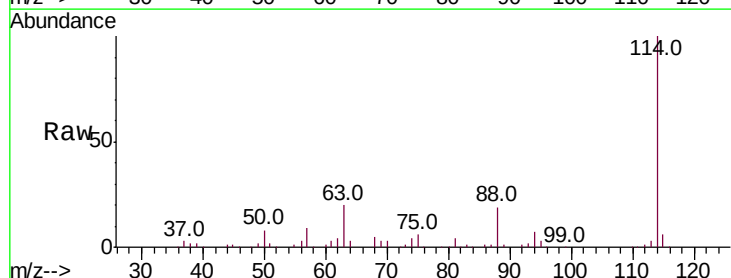


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

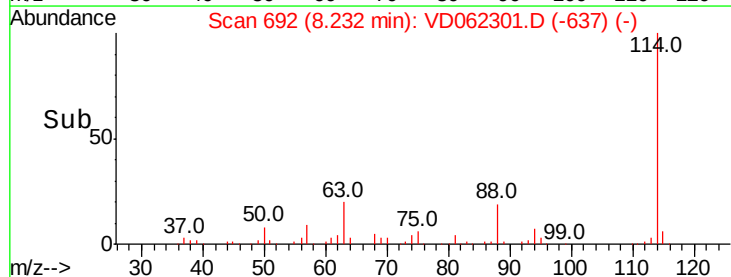
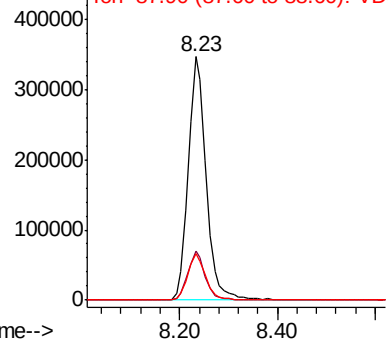


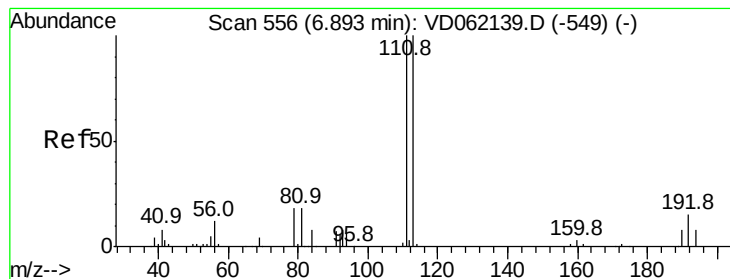
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062301.D
 Acq: 13 May 2019 13:35

Tgt Ion: 114 Resp: 886504
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 32.4
 88 19.2 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: 38.934 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062301.D

Acq: 13 May 2019 13:35

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0612-01

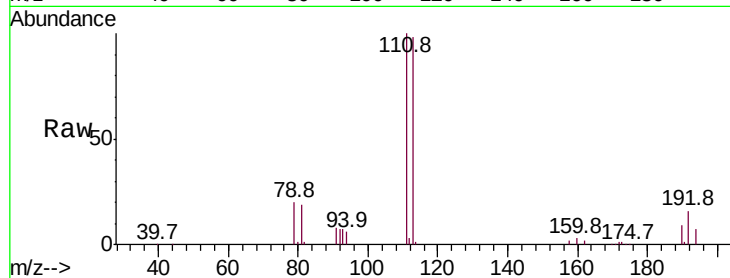
Tot Ion:113 Resp: 286379

Ion Ratio Lower Upper

113 100

111 102.2 78.5 117.7

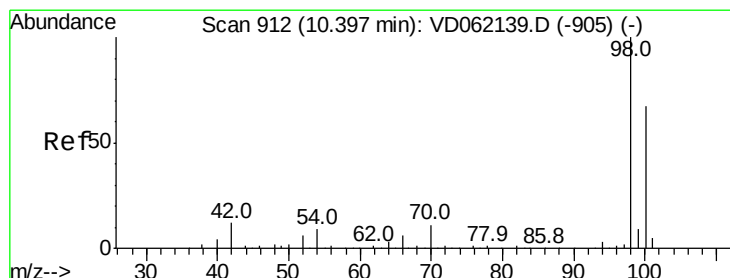
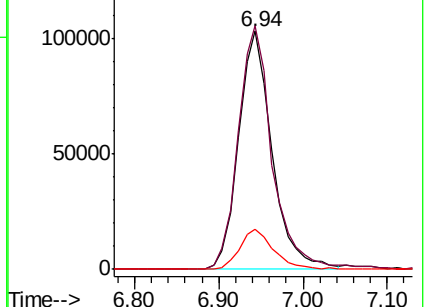
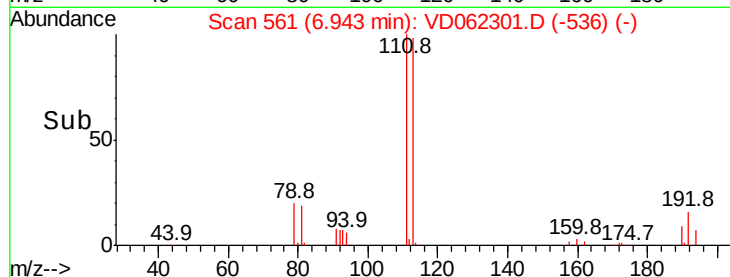
192 16.8 13.0 19.4



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: 36.928 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062301.D

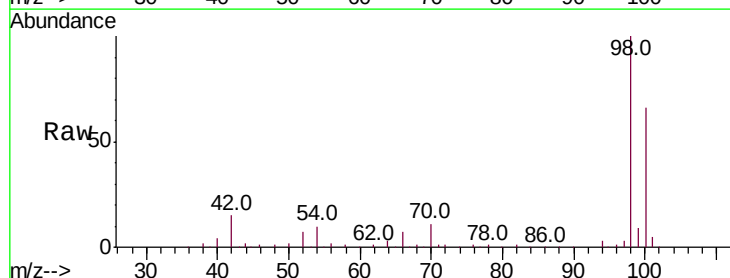
Acq: 13 May 2019 13:35

Tgt Ion: 98 Resp: 654907

Ion Ratio Lower Upper

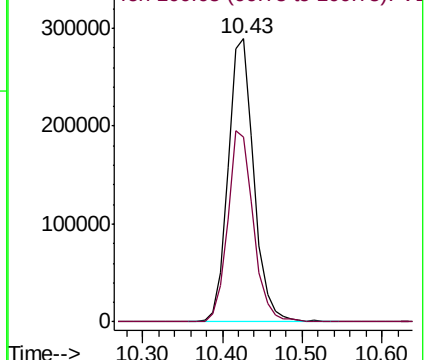
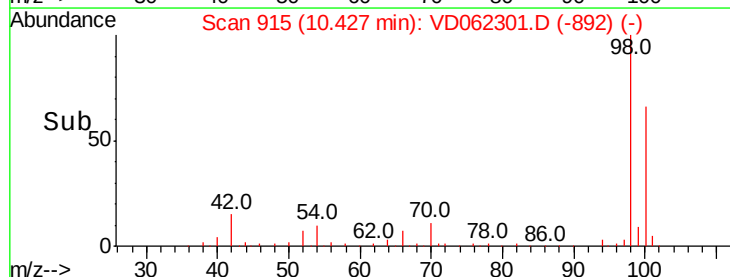
98 100

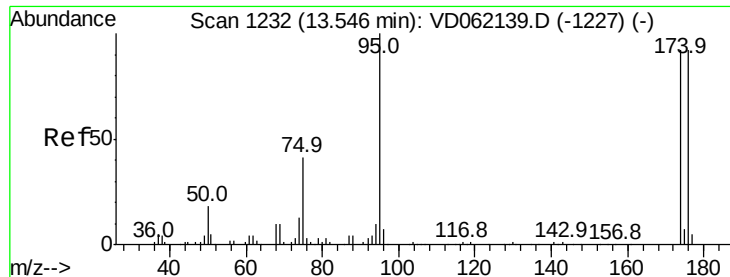
100 65.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

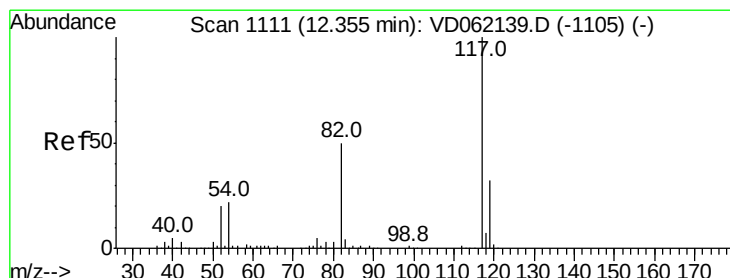
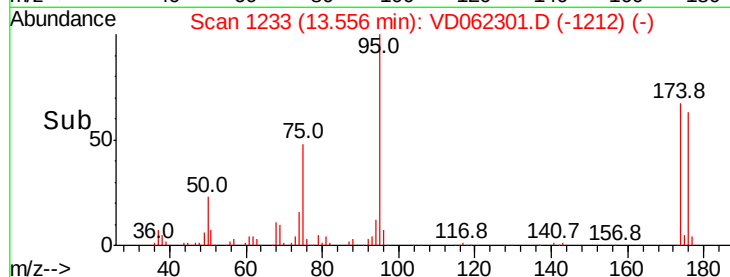
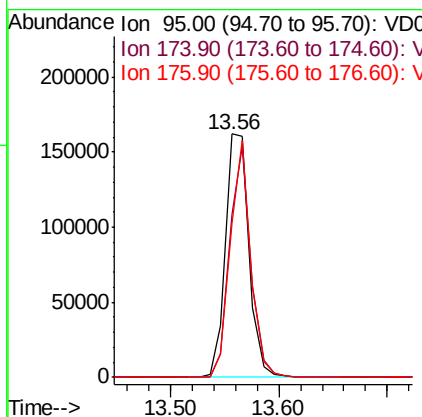
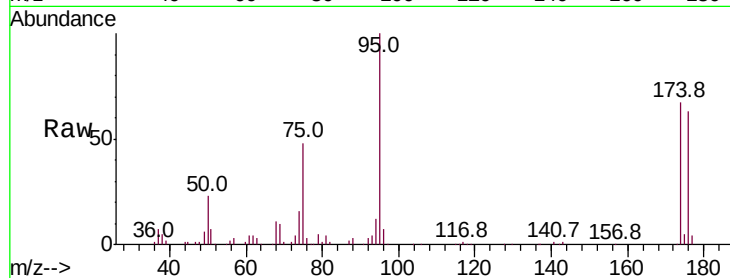




#62
4-Bromofluorobenzene
Concen: 34.527 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062301.D
Acq: 13 May 2019 13:35

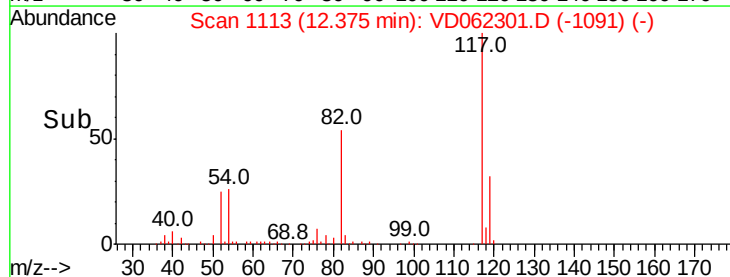
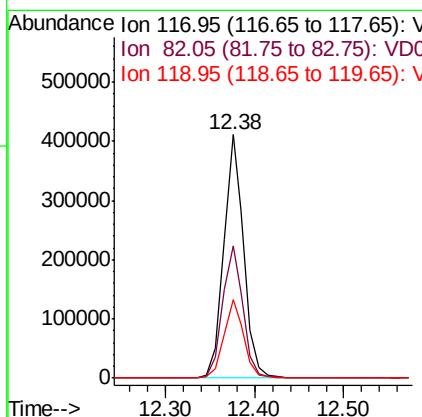
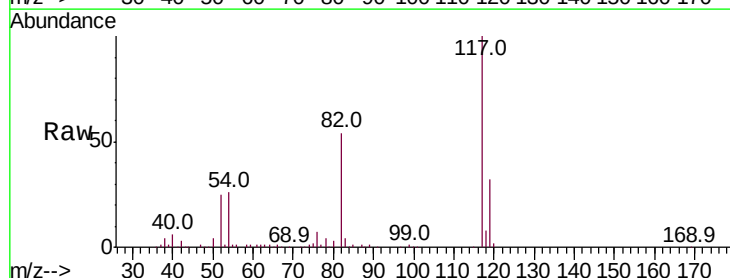
Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0612-01

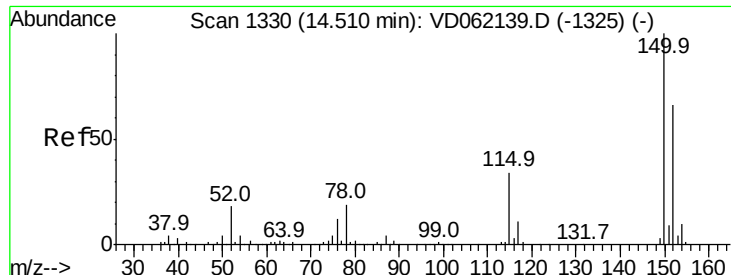
Tot Ion: 95 Resp: 245886
Ion Ratio Lower Upper
95 100
174 66.9 0.0 181.8
176 63.1 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062301.D
Acq: 13 May 2019 13:35

Tgt Ion: 117 Resp: 648519
Ion Ratio Lower Upper
117 100
82 54.3 36.2 54.2#
119 32.2 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062301.D
 Acq: 13 May 2019 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.9	92.7
150	156.4	0.0	314.8

