

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063250.D
 Acq On : 30 Jul 2019 19:06
 Operator : VA/AP
 Sample : K4049-06
 Misc : 5.24g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

Quant Time: Jul 31 06:38:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

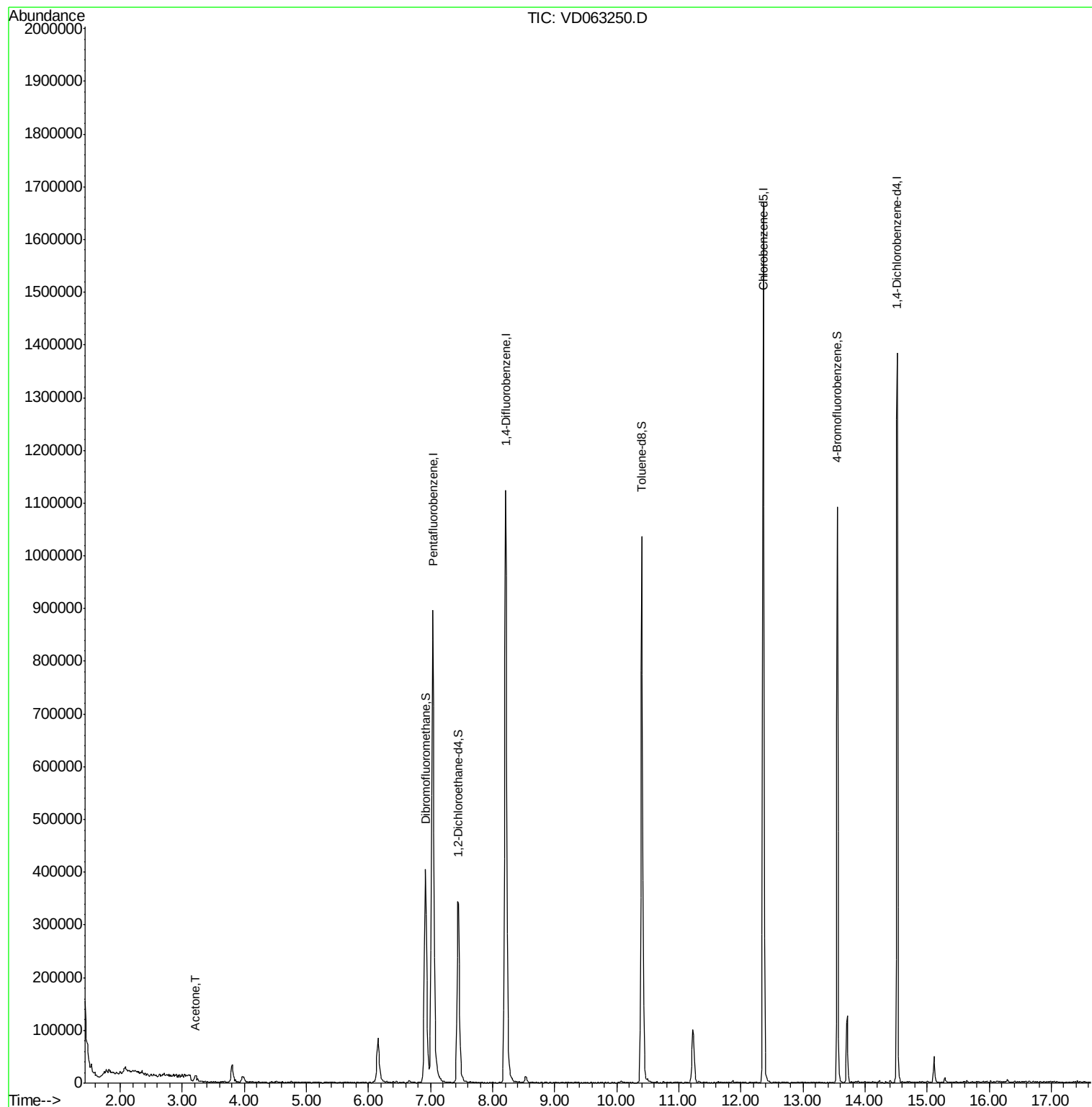
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	884084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1181292	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	880160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	324333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	400090	40.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.56%	
35) Dibromofluoromethane	6.92	113	356003	35.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.60%	
50) Toluene-d8	10.40	98	791071	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.10%	
62) 4-Bromofluorobenzene	13.55	95	283705	27.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.16%	
Target Compounds						
16) Acetone	3.21	43	23401	12.243	ug/l	Qvalue 96

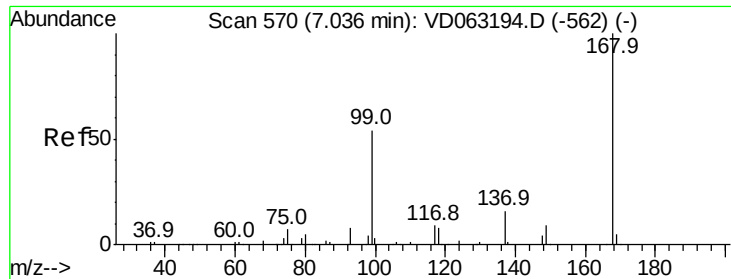
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063250.D

Acq: 30 Jul 2019 19:06

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MSVOA_D

ClientSampleId :

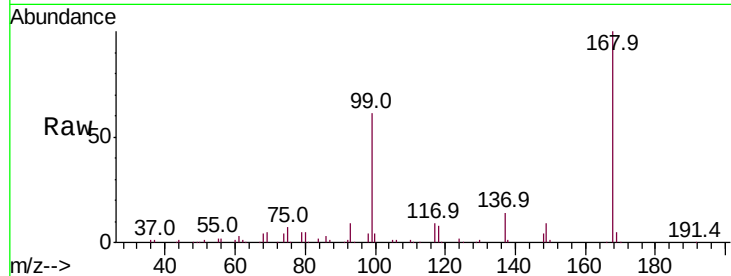
SP-6

Tot Ion:168 Resp: 884084

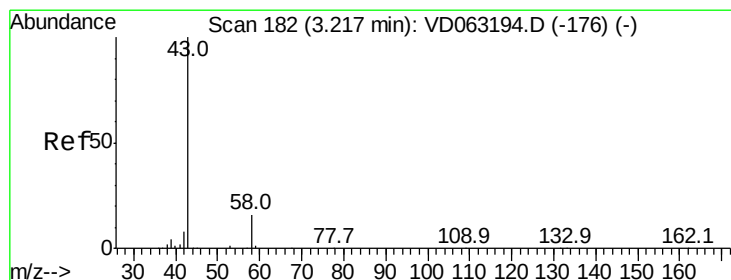
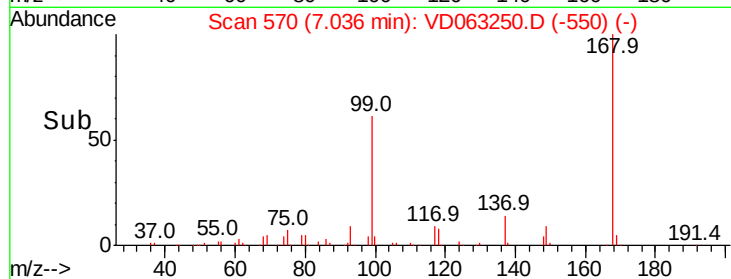
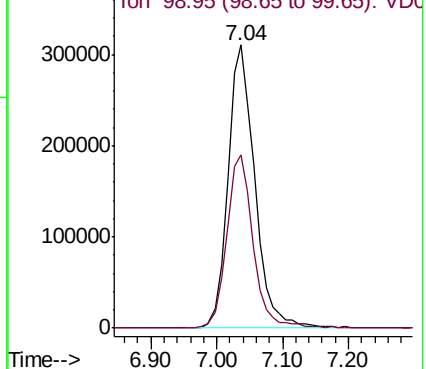
Ion Ratio Lower Upper

168 100

99 61.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 12.243 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063250.D

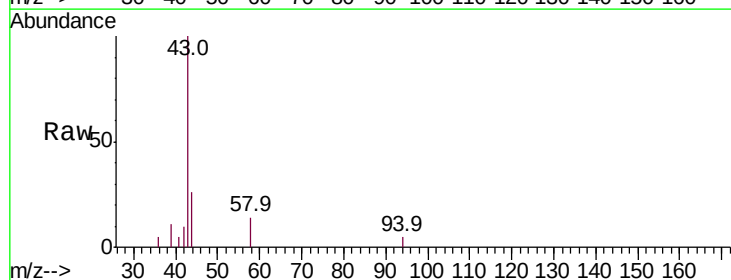
Acq: 30 Jul 2019 19:06

Tgt Ion: 43 Resp: 23401

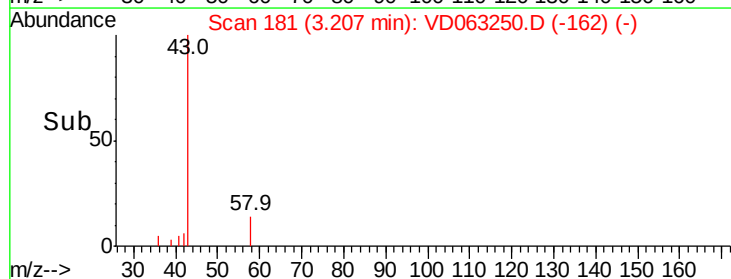
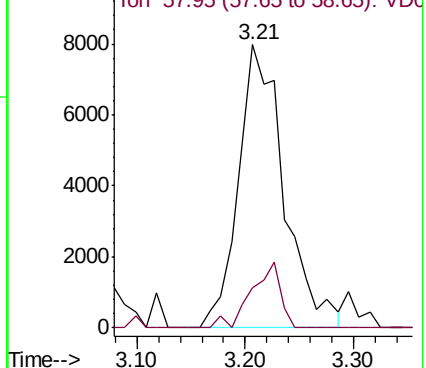
Ion Ratio Lower Upper

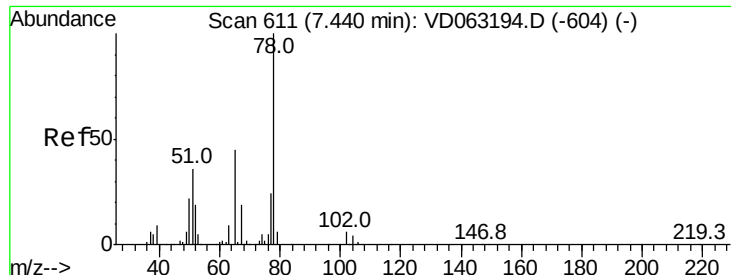
43 100

58 14.4 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

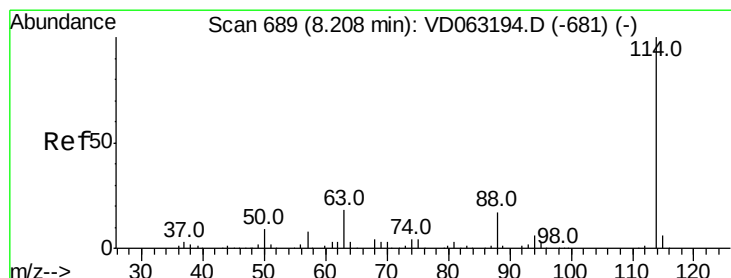
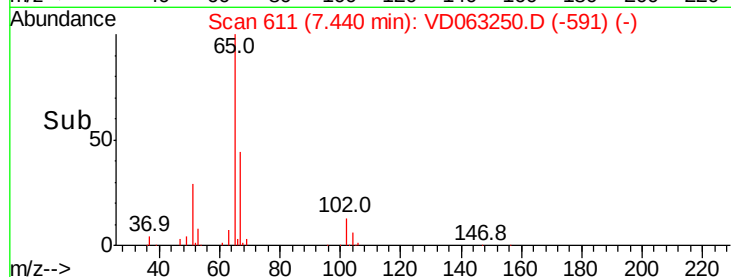
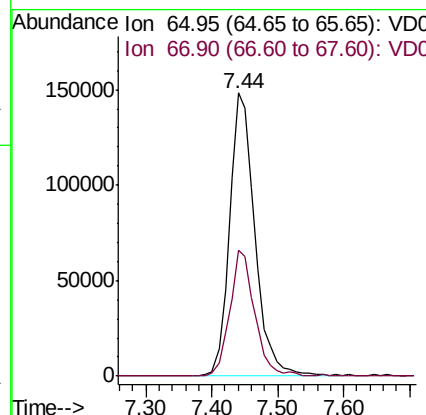
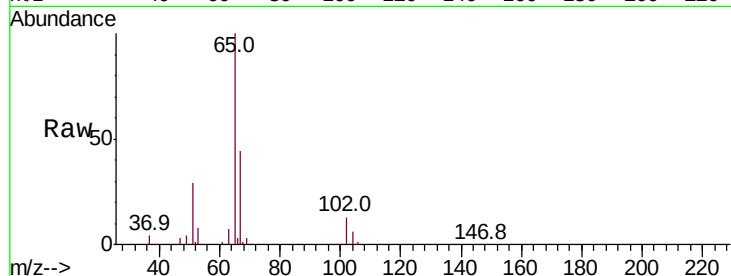




#33
 1,2-Dichloroethane-d4
 Concen: 40.785 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD063250.D
 Acq: 30 Jul 2019 19:06

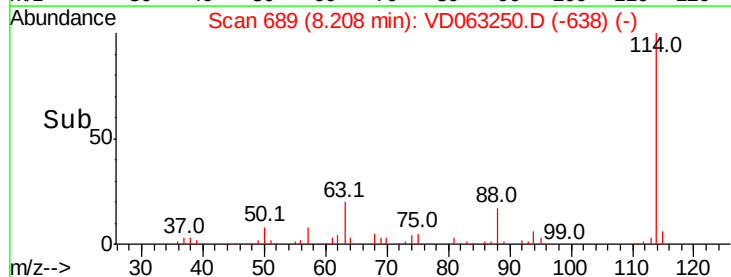
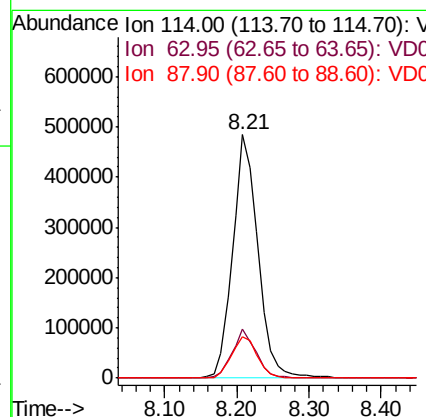
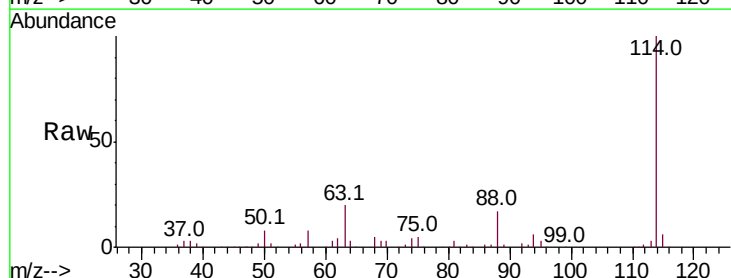
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

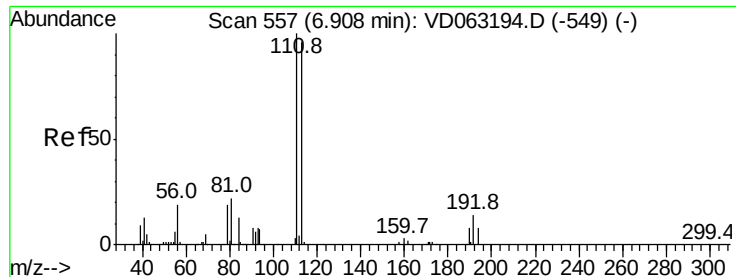
Tot Ion: 65 Resp: 400090
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063250.D
 Acq: 30 Jul 2019 19:06

Tgt Ion: 114 Resp: 1181292
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 35.2
 88 16.9 0.0 34.6





#35

Dibromofluoromethane

Concen: 35.298 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063250.D

Acq: 30 Jul 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

SP-6

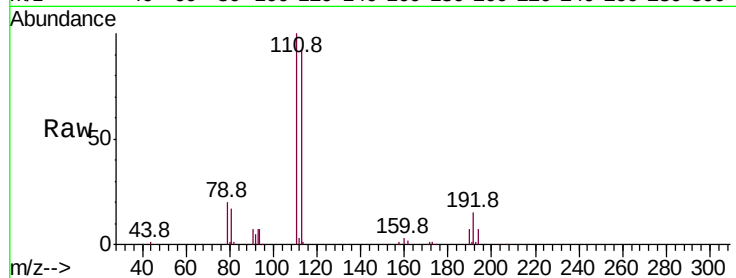
Tot Ion:113 Resp: 356003

Ion Ratio Lower Upper

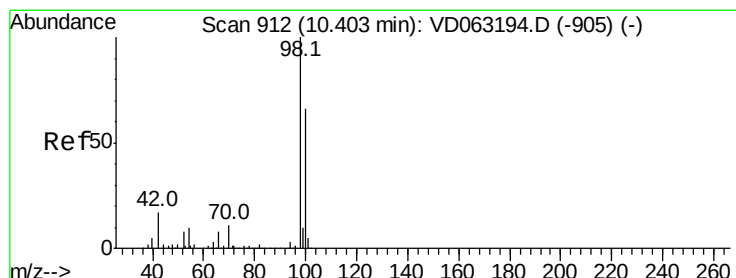
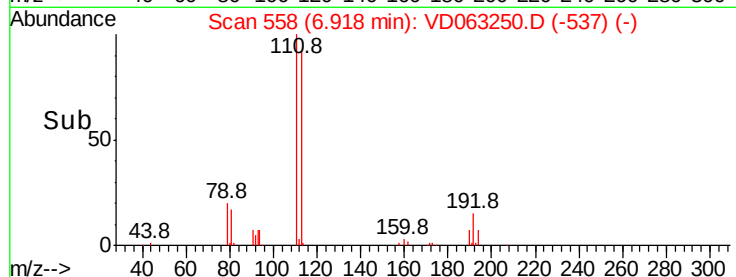
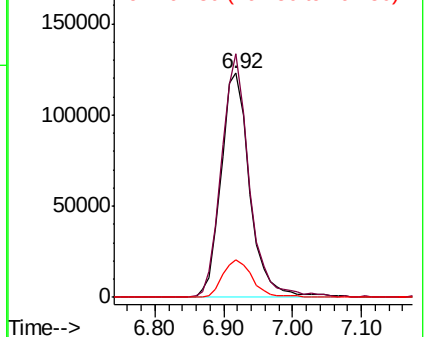
113 100

111 108.7 83.2 124.8

192 16.8 11.8 17.8



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: 35.047 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063250.D

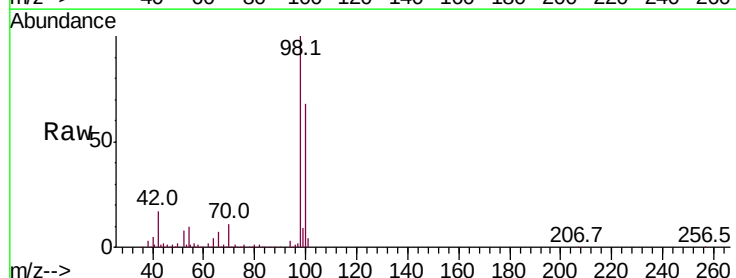
Acq: 30 Jul 2019 19:06

Tgt Ion: 98 Resp: 791071

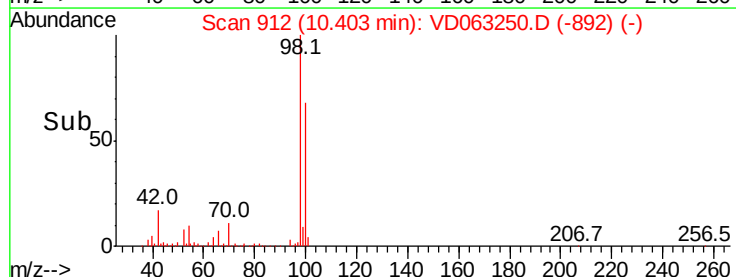
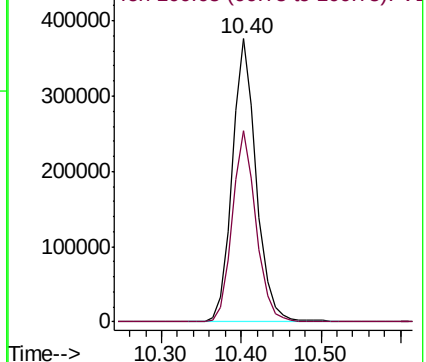
Ion Ratio Lower Upper

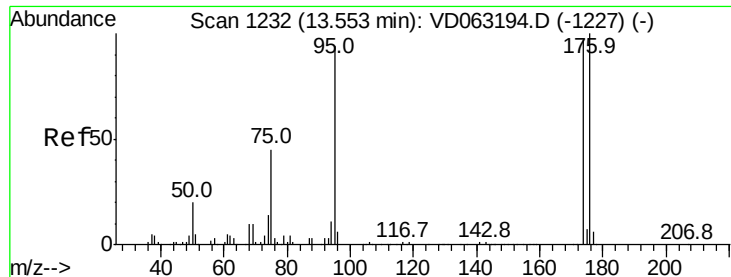
98 100

100 67.8 53.2 79.8



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

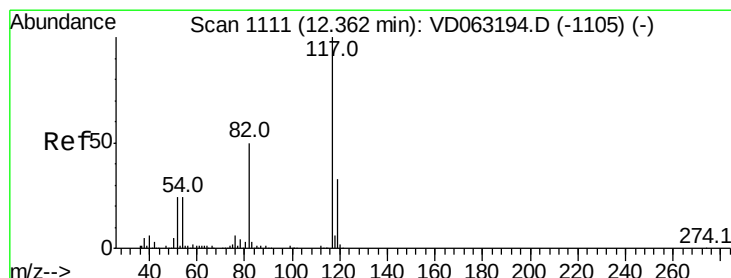
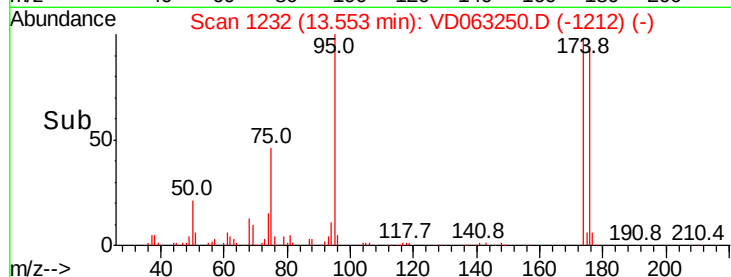
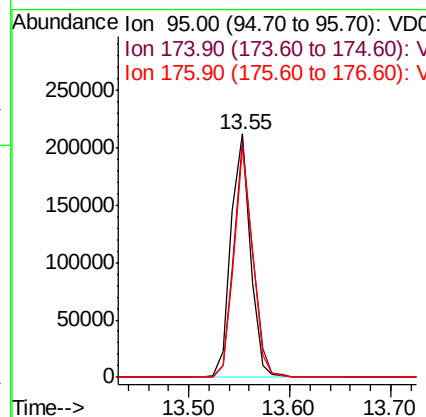
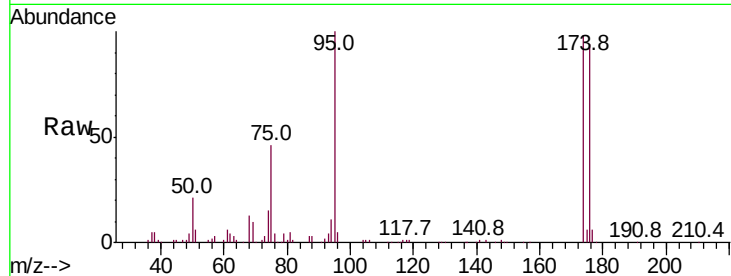




#62
4-Bromofluorobenzene
Concen: 27.582 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063250.D
Acq: 30 Jul 2019 19:06

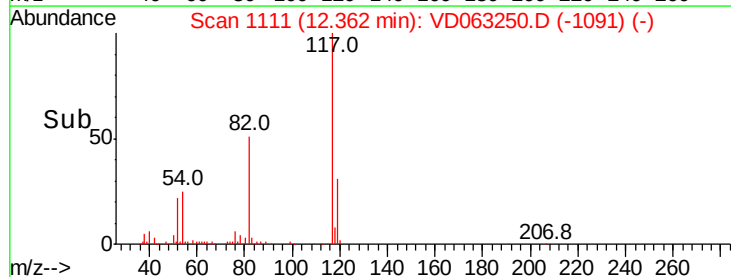
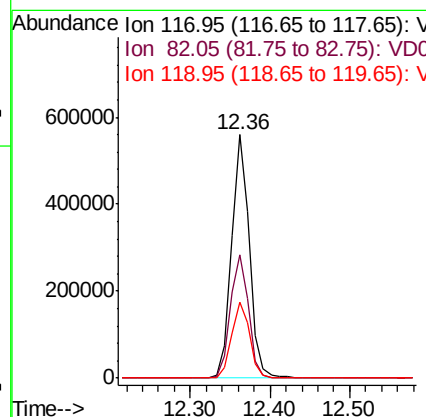
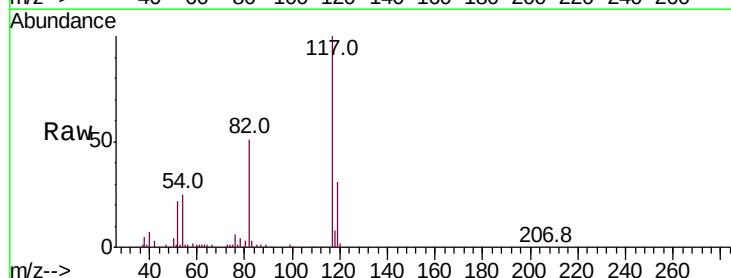
Instrument :
MSVOA_D
ClientSampled :
SP-6

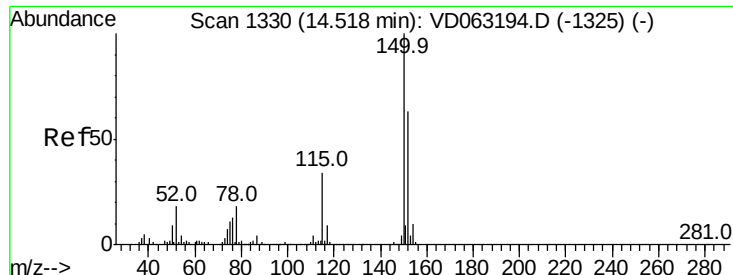
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	205.4
176	94.2	0.0	211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063250.D
Acq: 30 Jul 2019 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.1	60.1
119	31.3	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063250.D

Acq: 30 Jul 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

SP-6

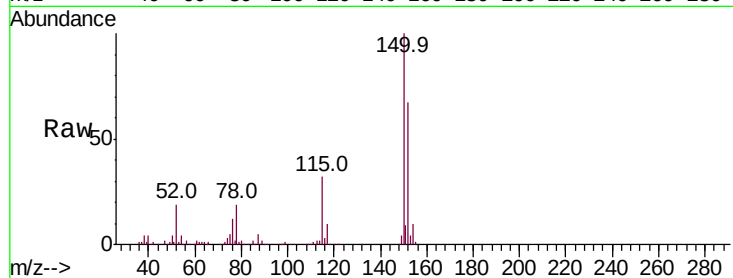
Tot Ion:152 Resp: 324333

Ion Ratio Lower Upper

152 100

115 48.0 27.5 82.4

150 148.3 0.0 320.6



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

