

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063242.D
 Acq On : 30 Jul 2019 15:25
 Operator : VA/AP
 Sample : K4049-04
 Misc : 3.87g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-4

Quant Time: Jul 31 10:19:12 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

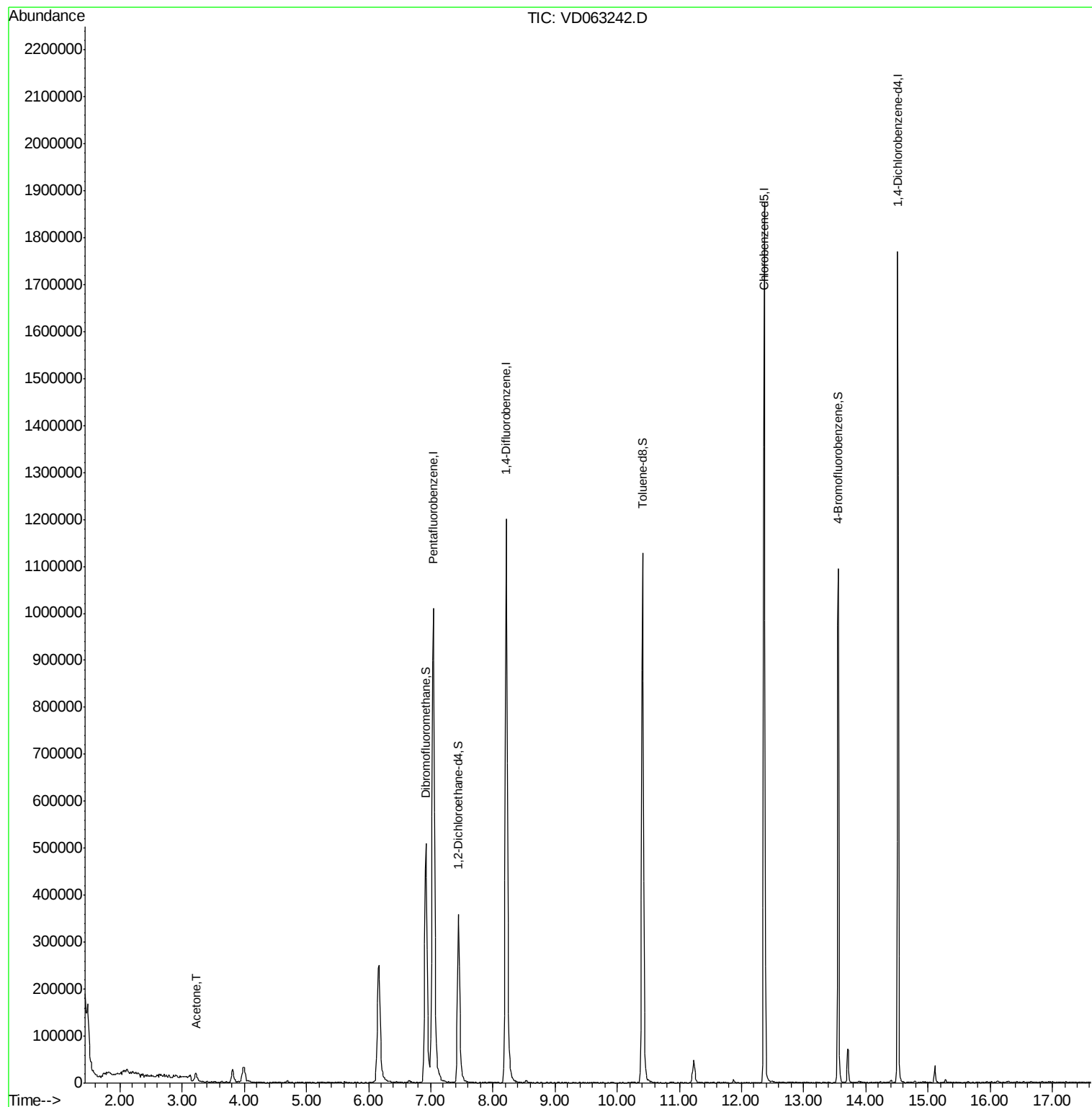
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	999083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1308535	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	961856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	390296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	408746	36.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.74%	
35) Dibromofluoromethane	6.92	113	460198	41.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.38%	
50) Toluene-d8	10.41	98	877896	35.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.22%	
62) 4-Bromofluorobenzene	13.56	95	305043	26.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.54%	
Target Compounds						
16) Acetone	3.22	43	37838	17.518	ug/l	Qvalue 100

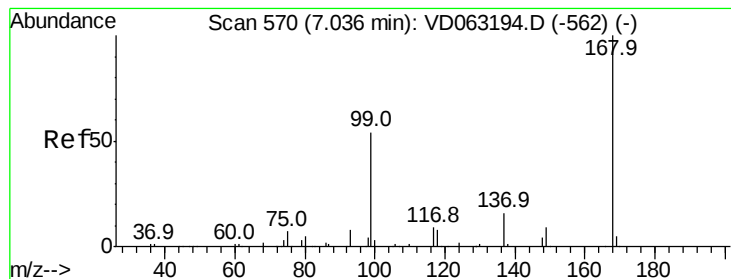
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063242.D

Acq: 30 Jul 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

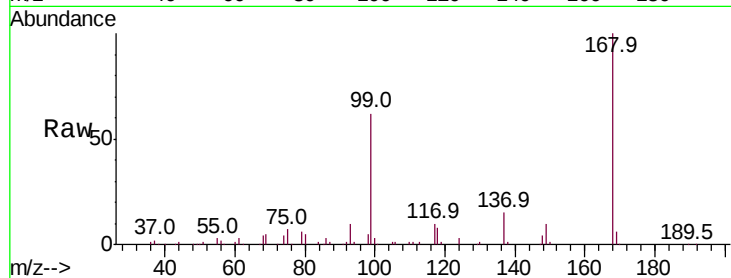
SP-4

Tot Ion:168 Resp: 999083

Ion Ratio Lower Upper

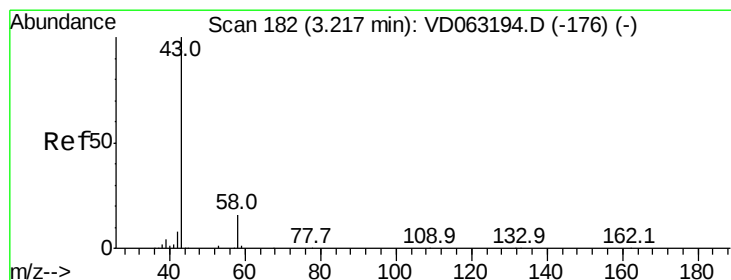
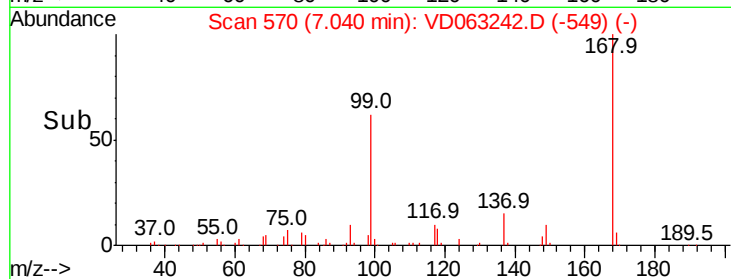
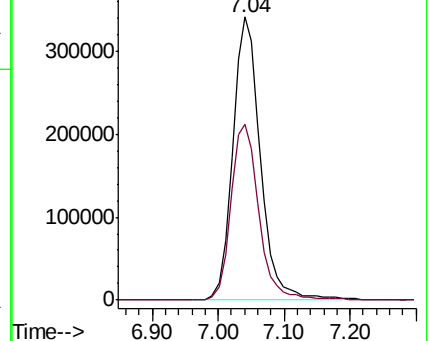
168 100

99 62.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 17.518 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063242.D

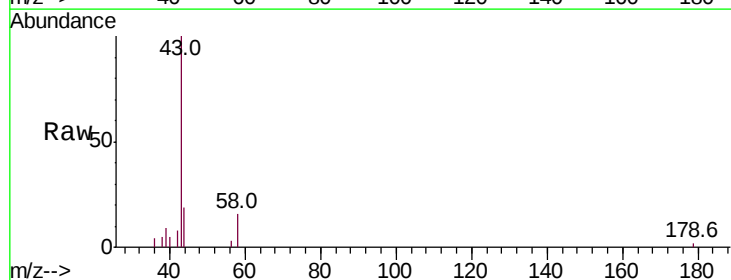
Acq: 30 Jul 2019 15:25

Tgt Ion: 43 Resp: 37838

Ion Ratio Lower Upper

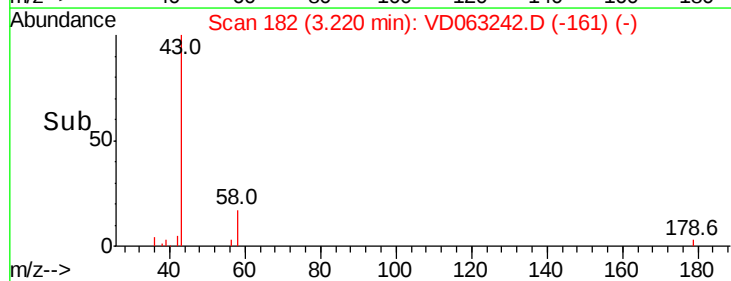
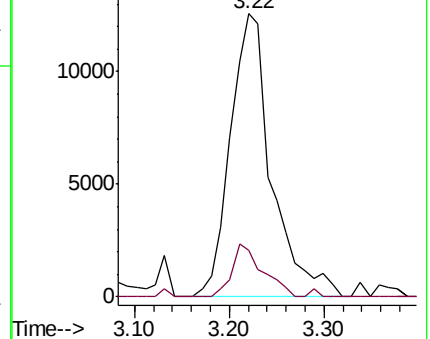
43 100

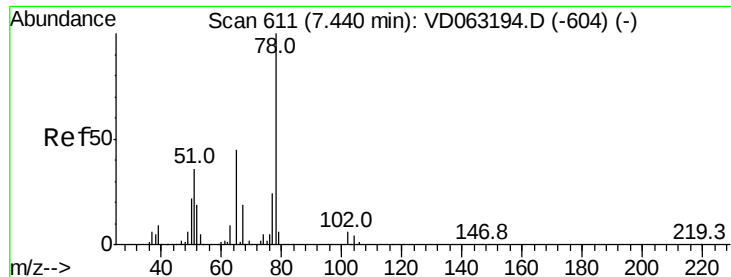
58 16.3 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

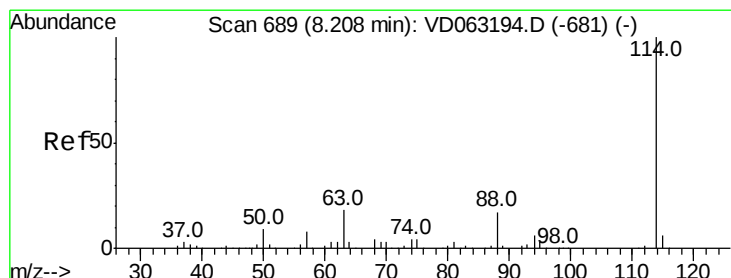
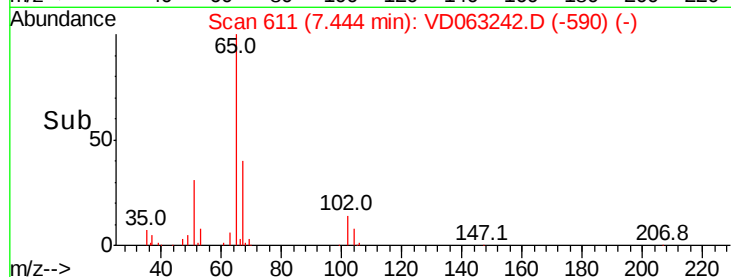
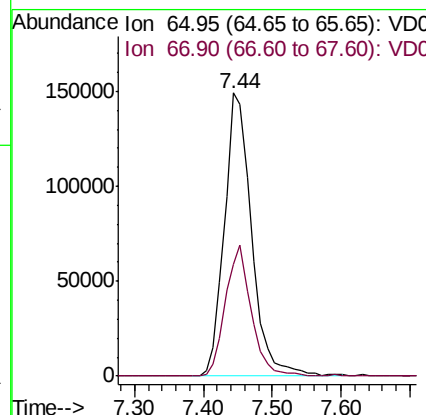
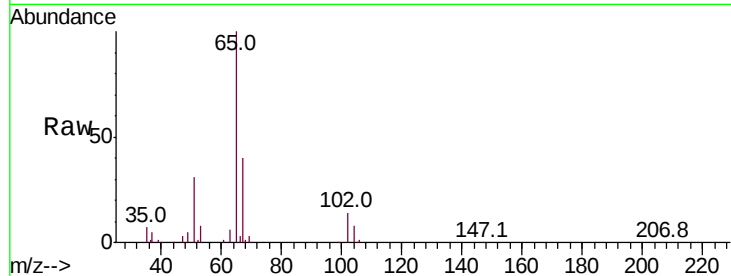




#33
 1,2-Dichloroethane-d4
 Concen: 36.871 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD063242.D
 Acq: 30 Jul 2019 15:25

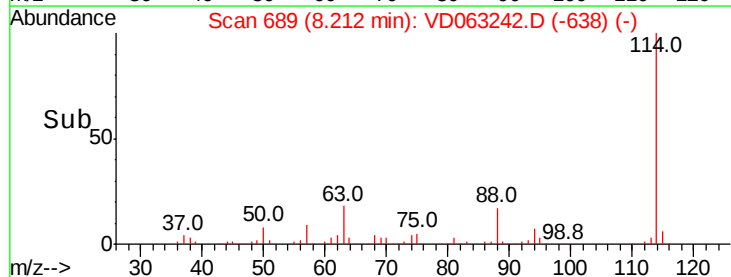
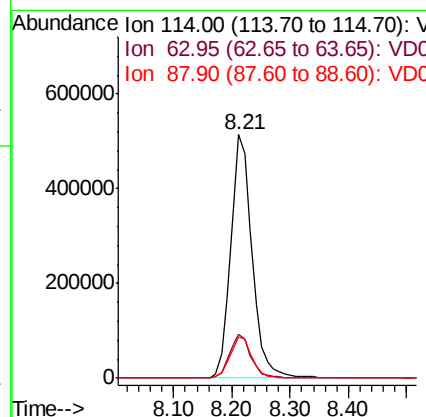
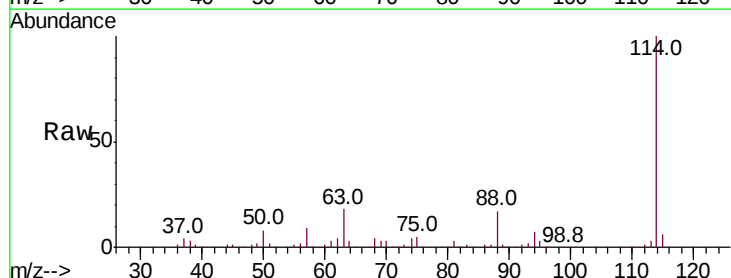
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-4

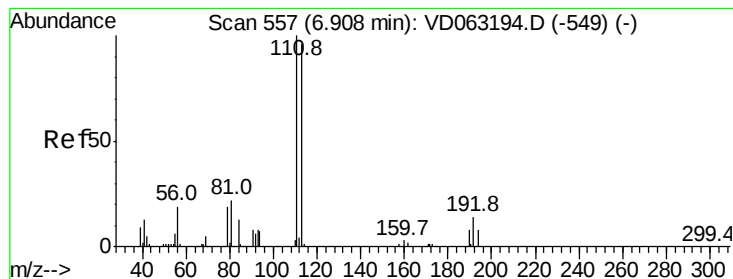
Tot Ion: 65 Resp: 408746
 Ion Ratio Lower Upper
 65 100
 67 39.6 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063242.D
 Acq: 30 Jul 2019 15:25

Tgt Ion: 114 Resp: 1308535
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 16.8 0.0 34.6





#35

Dibromofluoromethane

Concen: 41.192 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063242.D

Acq: 30 Jul 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

SP-4

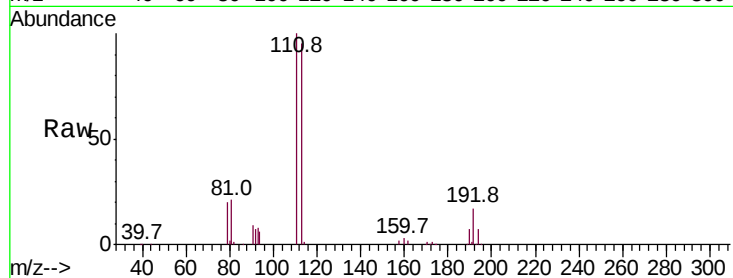
Tot Ion:113 Resp: 460198

Ion Ratio Lower Upper

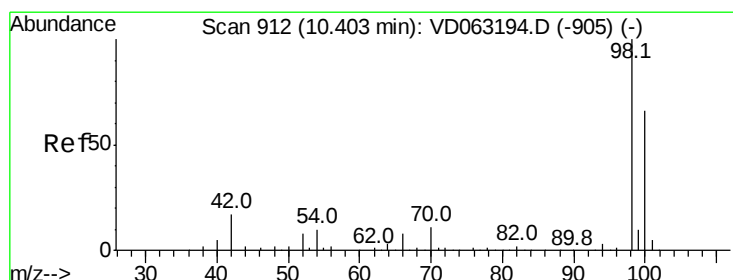
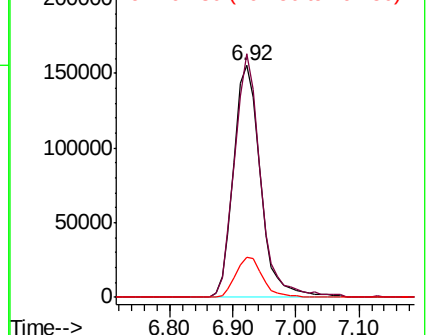
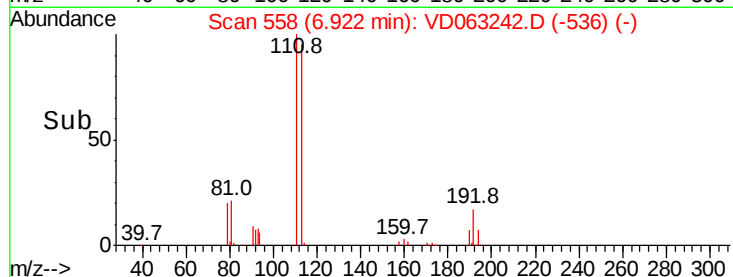
113 100

111 105.1 83.2 124.8

192 17.6 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: 35.111 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063242.D

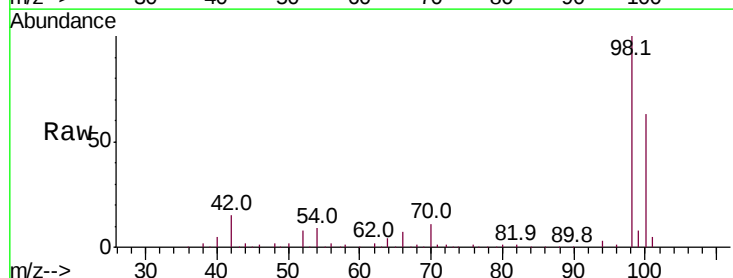
Acq: 30 Jul 2019 15:25

Tgt Ion: 98 Resp: 877896

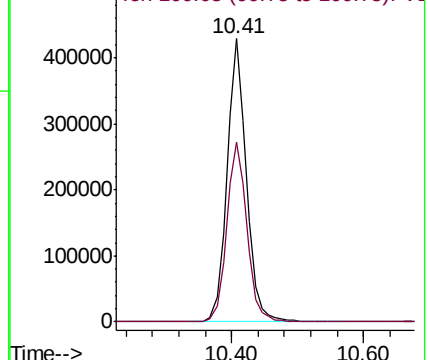
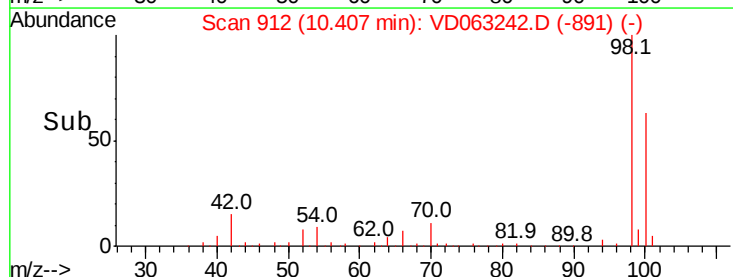
Ion Ratio Lower Upper

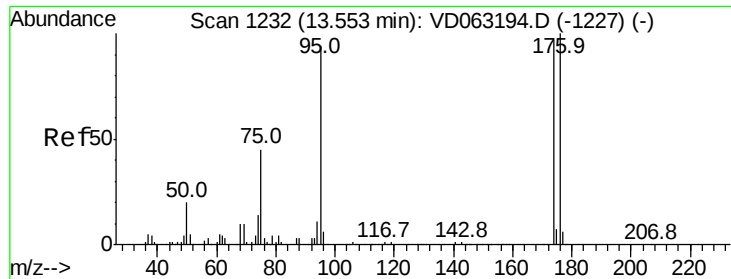
98 100

100 63.4 53.2 79.8



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

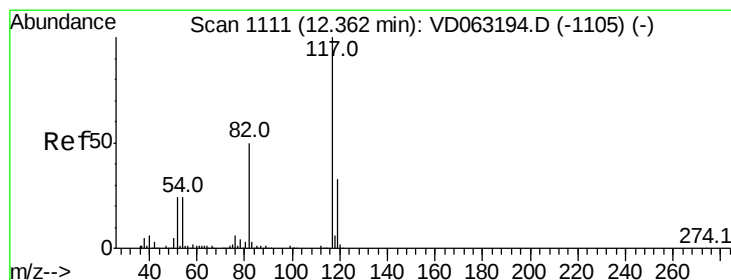
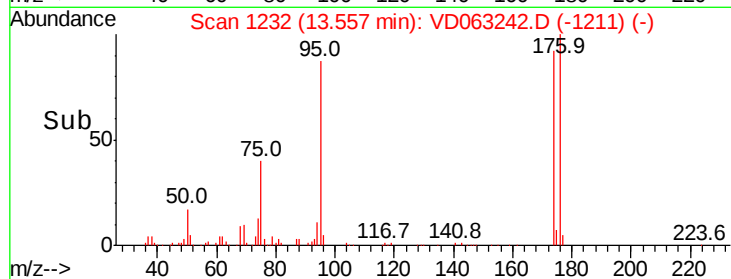
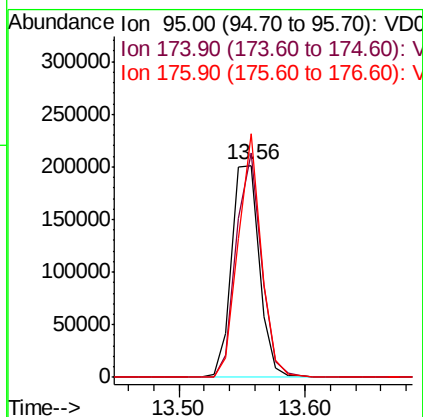
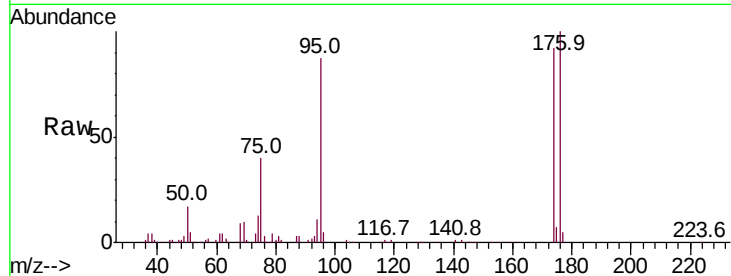




#62
4-Bromofluorobenzene
Concen: 26.773 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063242.D
Acq: 30 Jul 2019 15:25

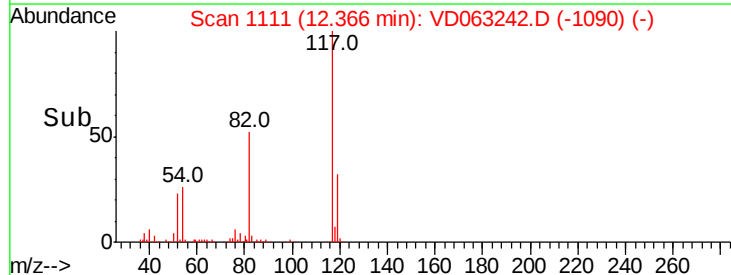
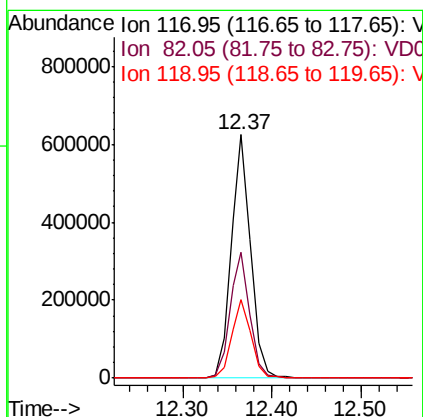
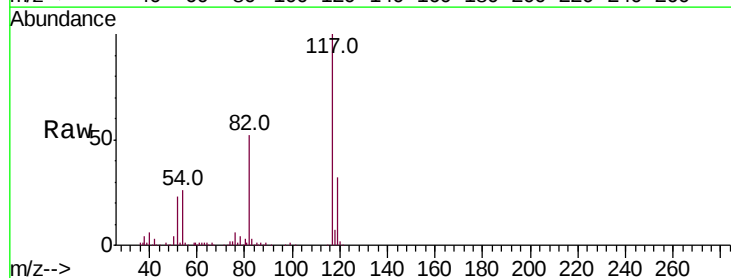
Instrument :
MSVOA_D
ClientSampled :
SP-4

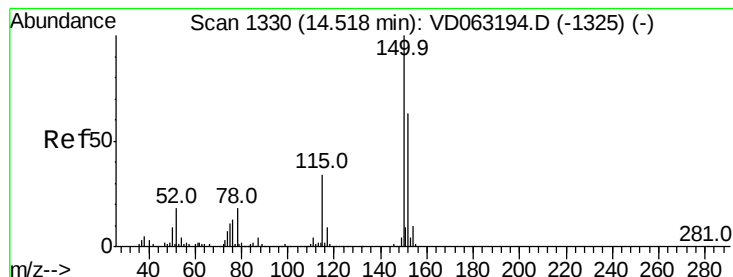
Tot Ion: 95 Resp: 305043
Ion Ratio Lower Upper
95 100
174 105.8 0.0 205.4
176 115.0 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063242.D
Acq: 30 Jul 2019 15:25

Tgt Ion: 117 Resp: 961856
Ion Ratio Lower Upper
117 100
82 51.7 40.1 60.1
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063242.D

Acq: 30 Jul 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

SP-4

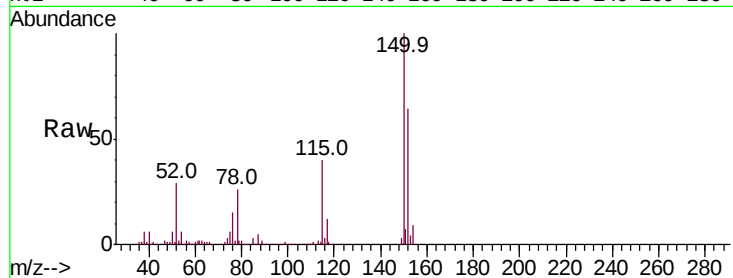
Tot Ion:152 Resp: 390296

Ion Ratio Lower Upper

152 100

115 61.6 27.5 82.4

150 155.8 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

