

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063397.D
 Acq On : 6 Aug 2019 14:24
 Operator : JC/SY
 Sample : K4154-05RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-5RE

Quant Time: Aug 07 07:28:05 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

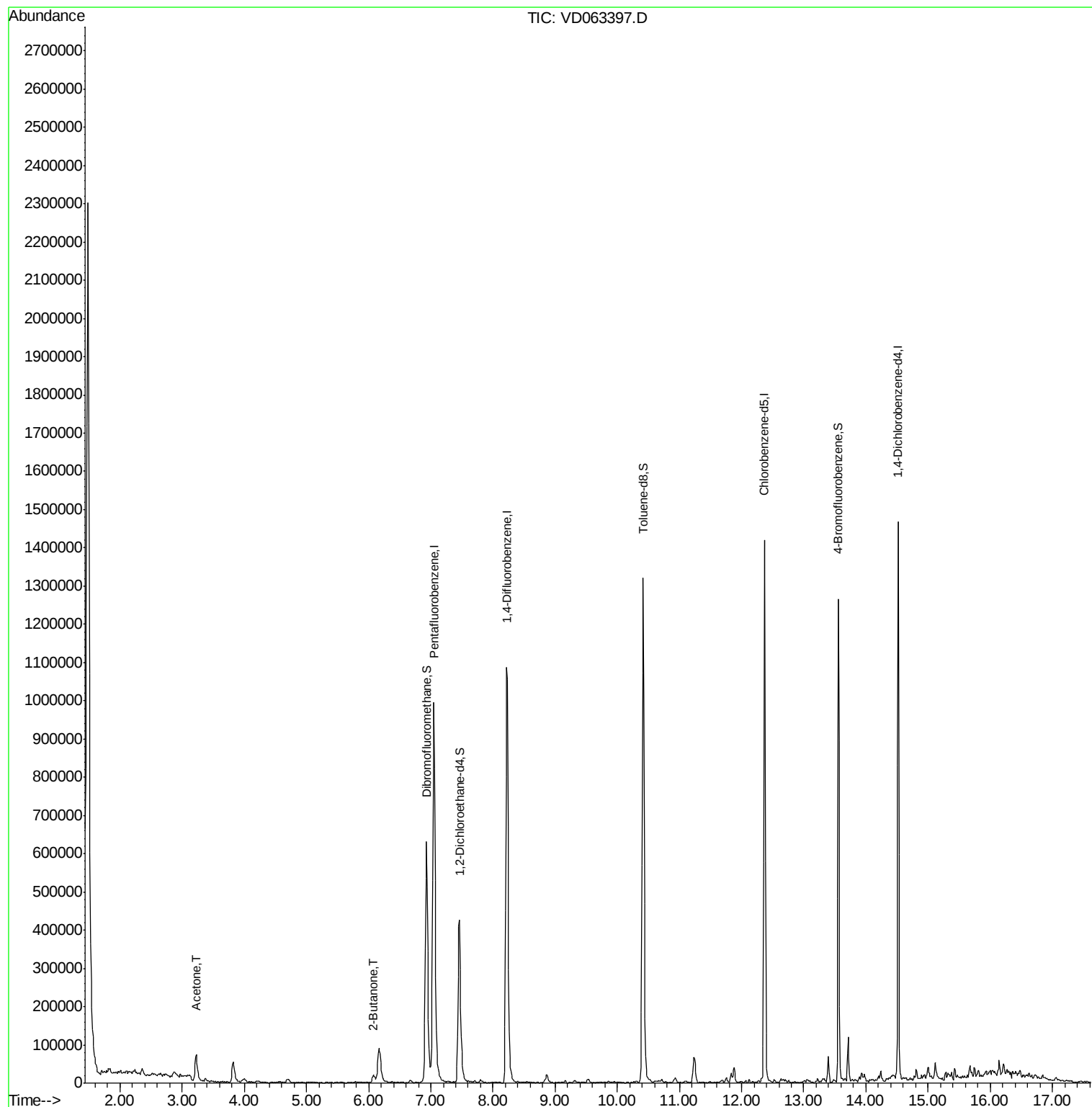
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	960195	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1266491	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	853428	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	299821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	460611	43.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.46%	
35) Dibromofluoromethane	6.93	113	539529	49.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	10.42	98	1055160	43.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.20%	
62) 4-Bromofluorobenzene	13.56	95	339325	30.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.54%	
Target Compounds						
16) Acetone	3.23	43	133389	64.257	ug/l	Qvalue 97
25) 2-Butanone	6.07	43	43588	20.922	ug/l #	83

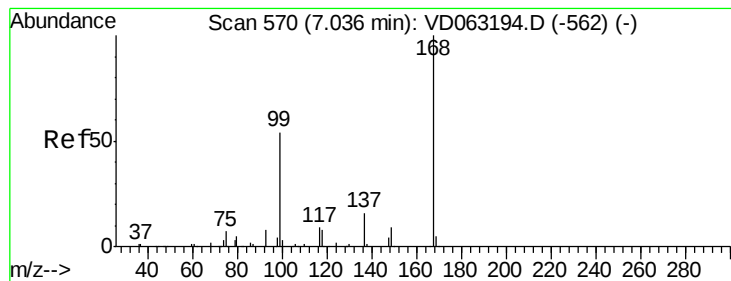
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063397.D

Acq: 6 Aug 2019 14:24

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MSVOA_D

ClientSampleId :

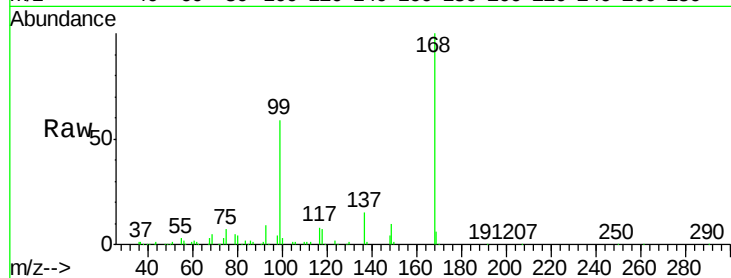
PS-5RE

Tot Ion:168 Resp: 960195

Ion Ratio Lower Upper

168 100

99 58.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

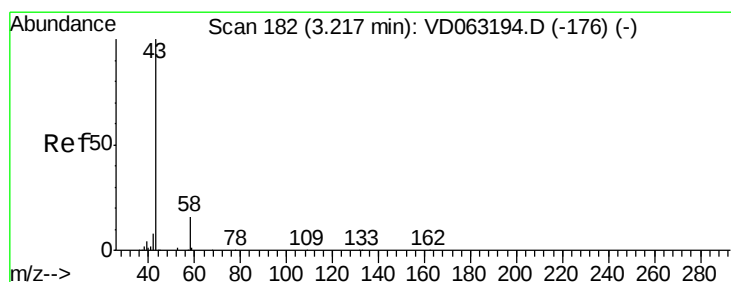
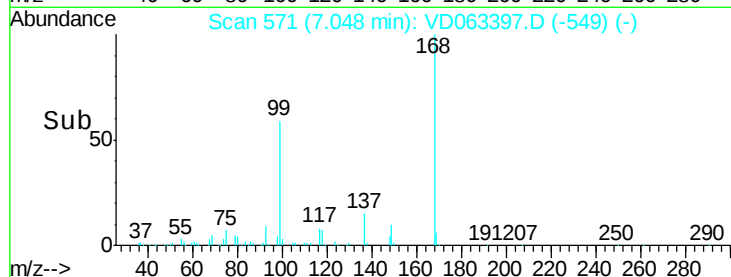
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 64.257 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063397.D

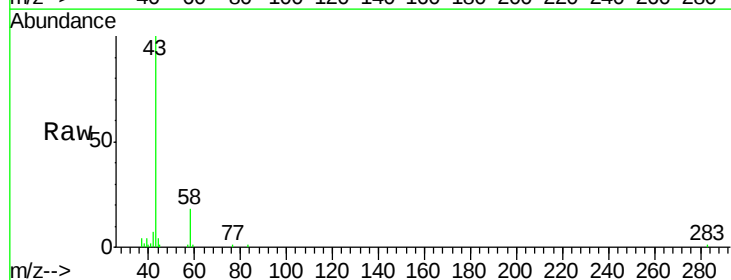
Acq: 6 Aug 2019 14:24

Tgt Ion: 43 Resp: 133389

Ion Ratio Lower Upper

43 100

58 17.7 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

60000

50000

40000

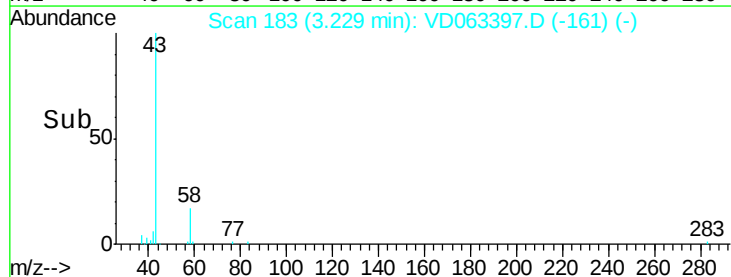
30000

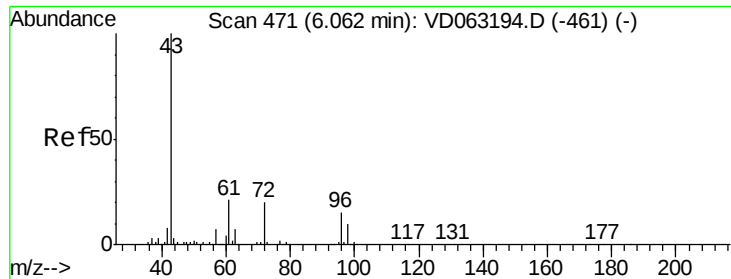
20000

10000

0

Time-->





#25

2-Butanone

Concen: 20.922 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD063397.D

Acq: 6 Aug 2019 14:24

Instrument :

MSVOA_D

ClientSampleId :

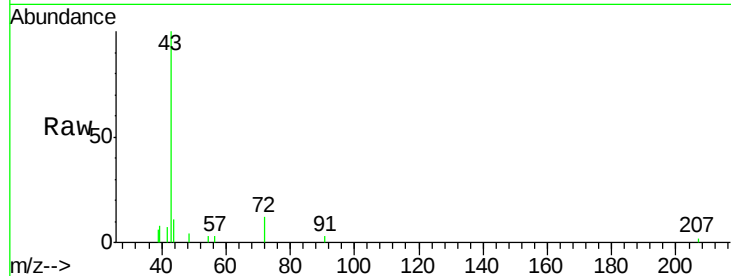
PS-5RE

Tot Ion: 43 Resp: 43588

Ion Ratio Lower Upper

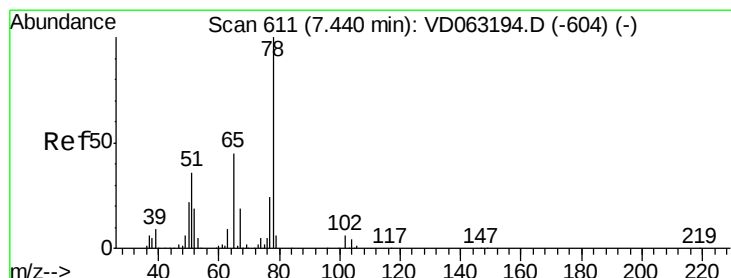
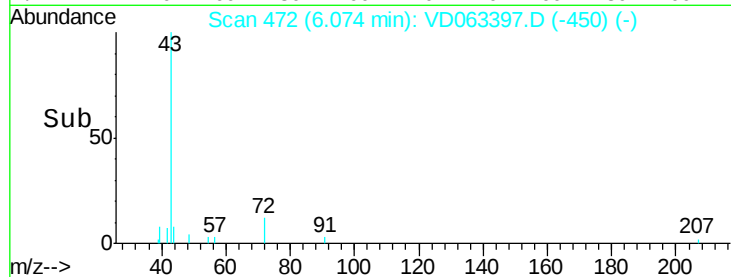
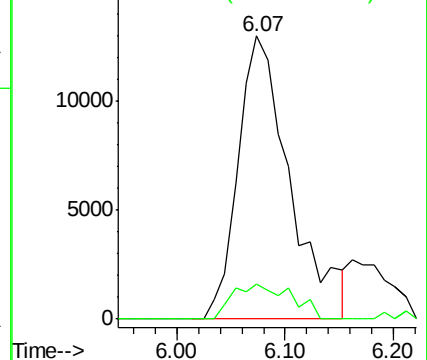
43 100

72 12.3 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 43.232 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063397.D

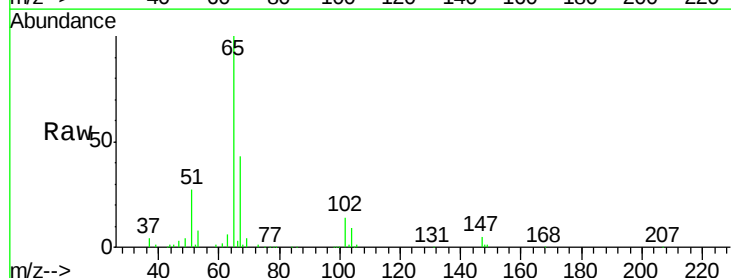
Acq: 6 Aug 2019 14:24

Tgt Ion: 65 Resp: 460611

Ion Ratio Lower Upper

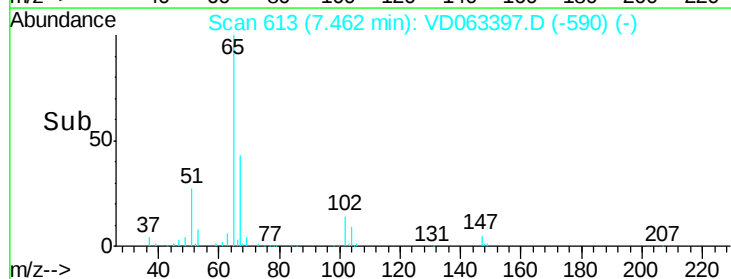
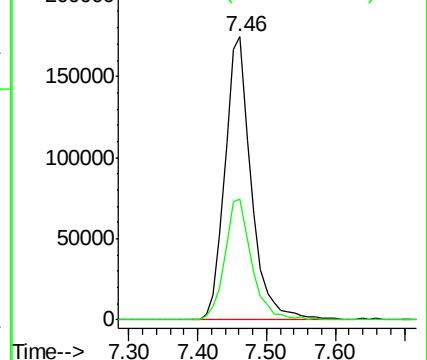
65 100

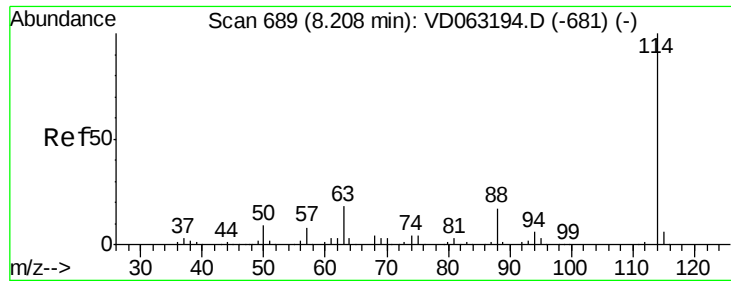
67 42.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

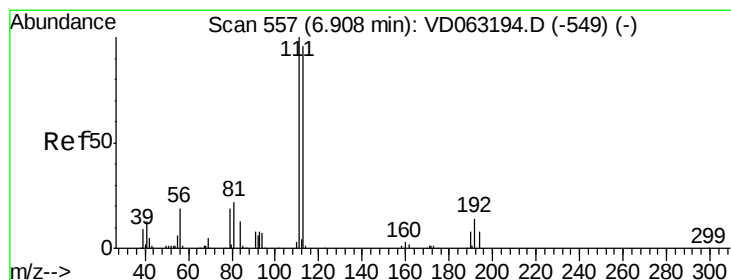
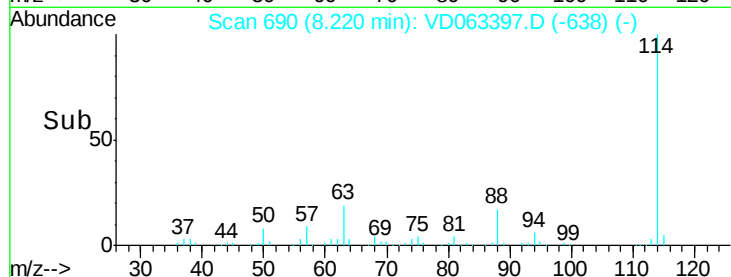
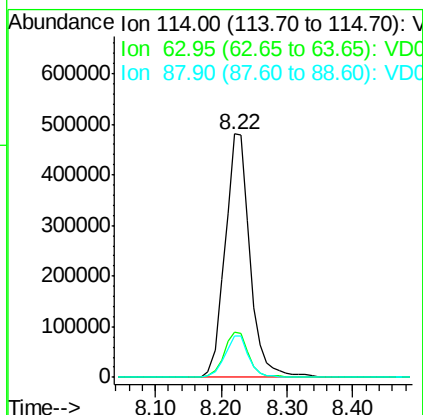
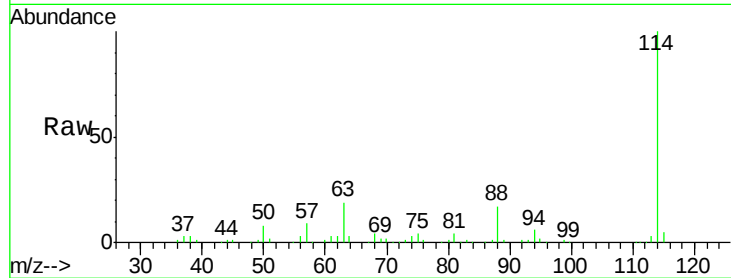




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063397.D
 Acq: 6 Aug 2019 14:24

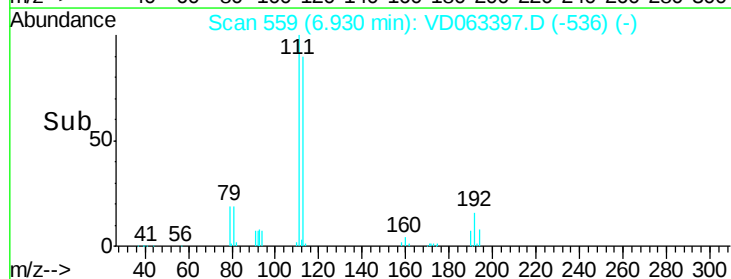
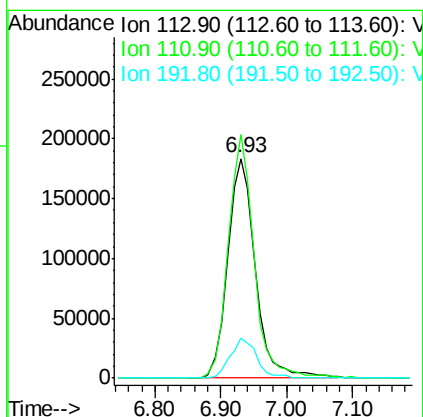
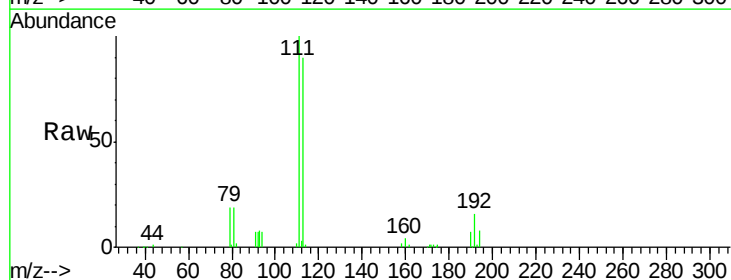
Instrument :
 MSVOA_D
 ClientSampleId :
 PS-5RE

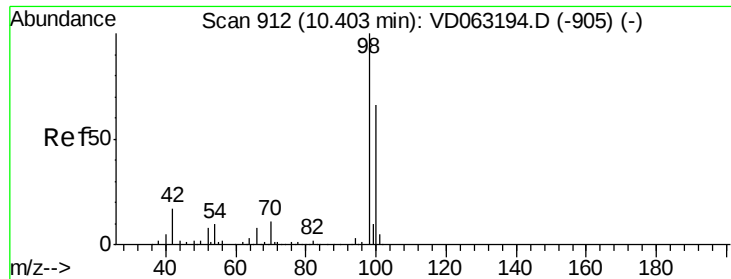
Tot Ion:114 Resp: 1266491
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.2
 88 17.0 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 49.896 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063397.D
 Acq: 6 Aug 2019 14:24

Tgt Ion:113 Resp: 539529
 Ion Ratio Lower Upper
 113 100
 111 111.0 83.2 124.8
 192 18.3 11.8 17.8#

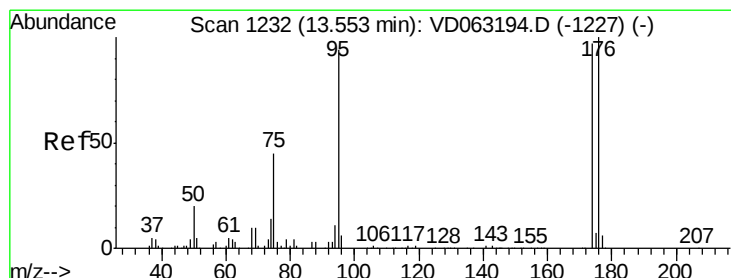
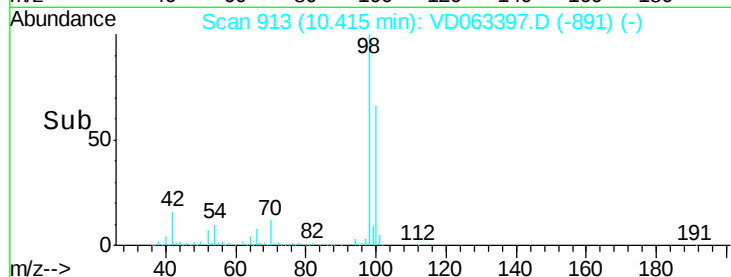
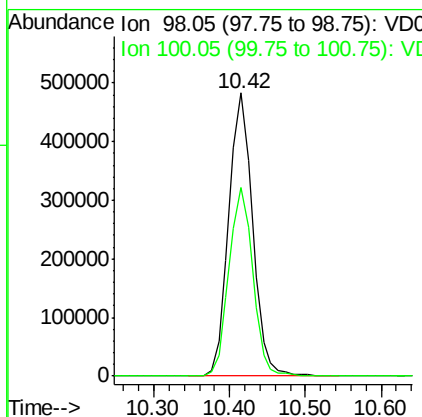
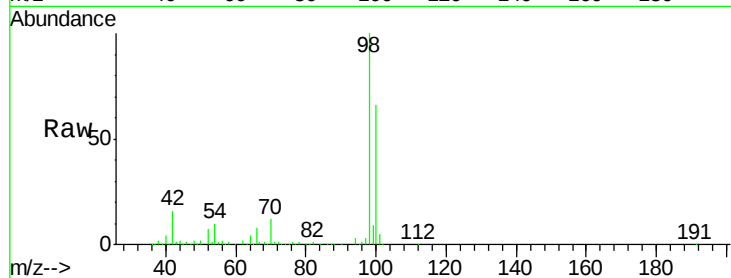




#50
Toluene-d8
Concen: 43.602 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063397.D
Acq: 6 Aug 2019 14:24

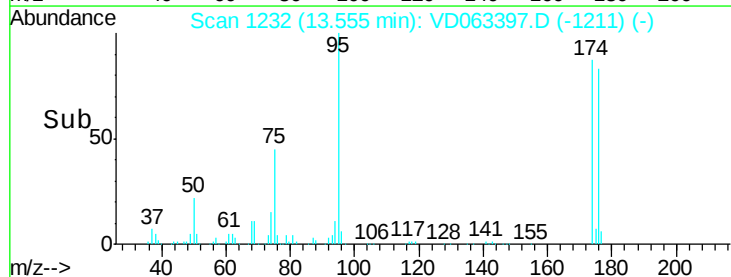
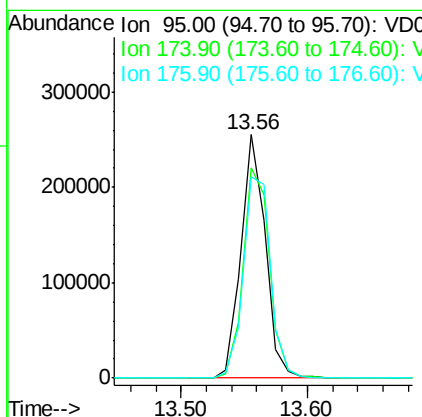
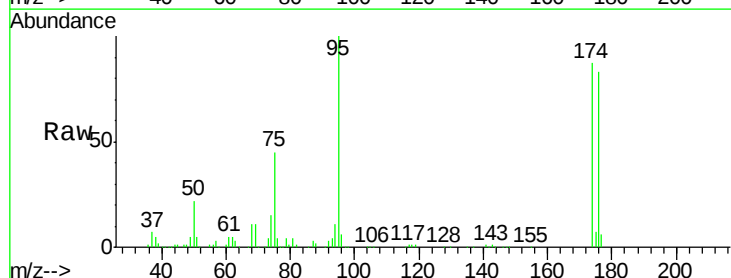
Instrument :
MSVOA_D
ClientSampleId :
PS-5RE

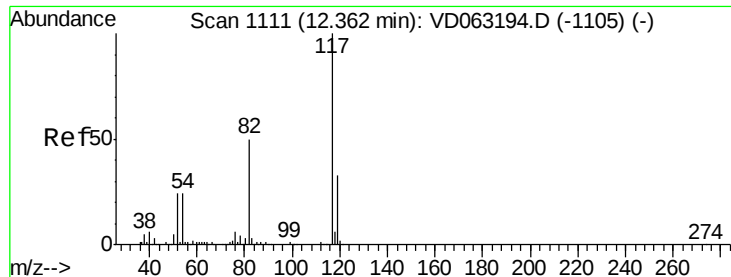
Tot Ion: 98 Resp: 1055160
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 30.770 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063397.D
Acq: 6 Aug 2019 14:24

Tgt Ion: 95 Resp: 339325
Ion Ratio Lower Upper
95 100
174 86.6 0.0 205.4
176 82.6 0.0 211.8

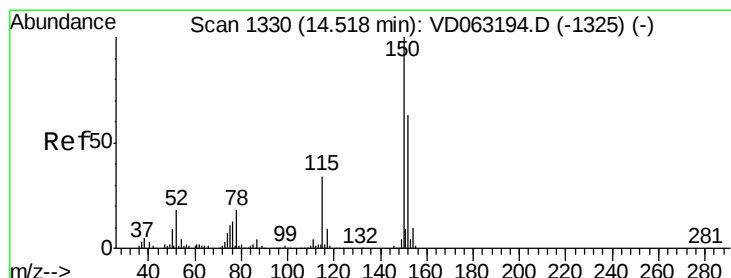
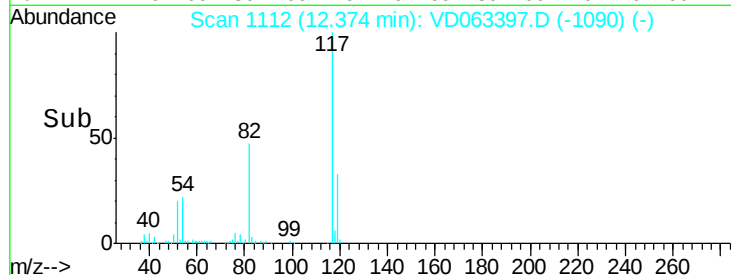
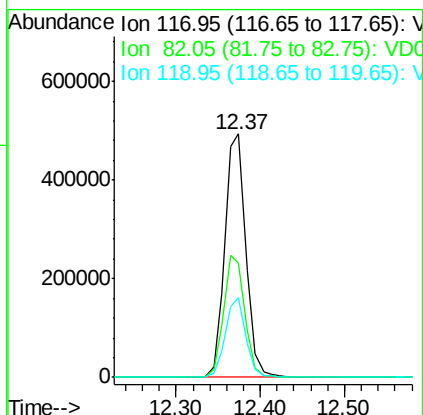
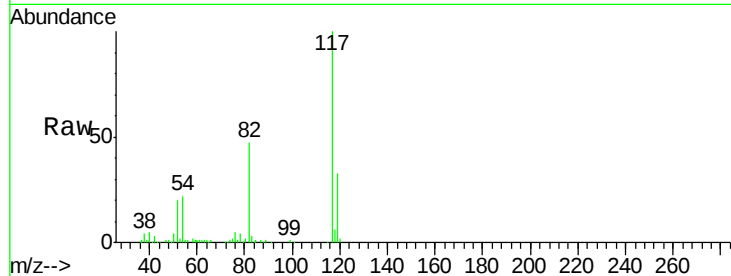




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063397.D
Acq: 6 Aug 2019 14:24

Instrument :
MSVOA_D
ClientSampleId :
PS-5RE

Tot Ion:117 Resp: 853428
Ion Ratio Lower Upper
117 100
82 47.1 40.1 60.1
119 32.9 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: VD063397.D
Acq: 6 Aug 2019 14:24

Tgt Ion:152 Resp: 299821
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.4
150 154.7 0.0 320.6

