

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063917.D
 Acq On : 10 Oct 2019 18:31
 Operator : VA/SY
 Sample : K5297-08
 Misc : 7.58G/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Oct 11 08:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

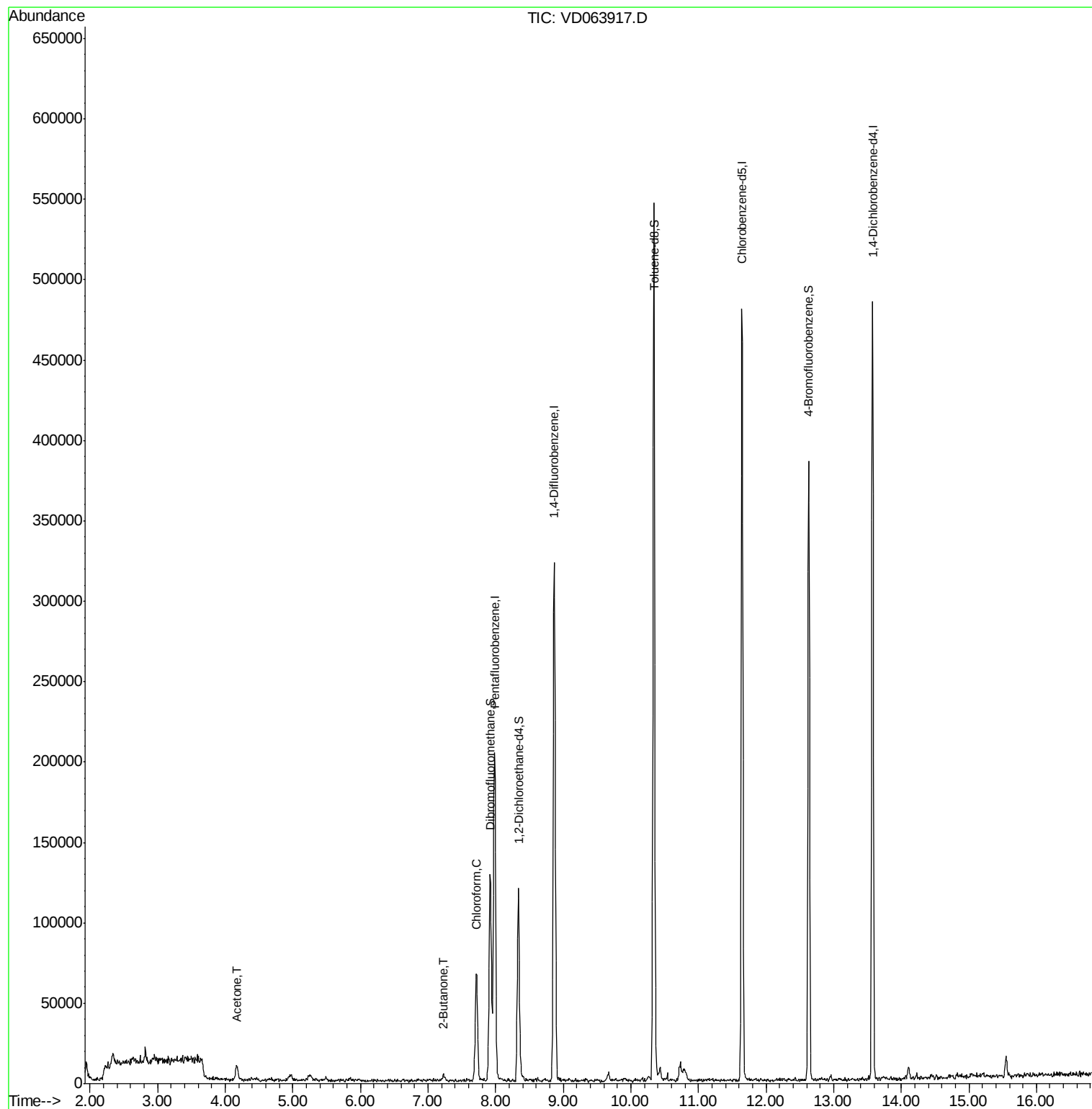
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	159391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	283659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	271419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	87294	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
35) Dibromofluoromethane	7.92	113	91082	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.34	98	368799	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.63	95	108118	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
16) Acetone	4.18	43	15869	39.278	ug/l #	78
25) 2-Butanone	7.23	43	6261	13.076	ug/l	96
30) Chloroform	7.71	83	62124	20.473	ug/l	97

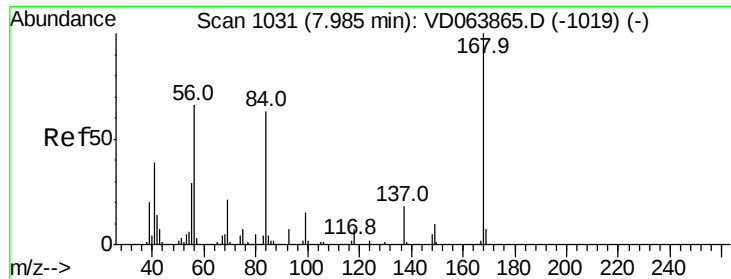
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101019\
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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063917.D

Acq: 10 Oct 2019 18:31

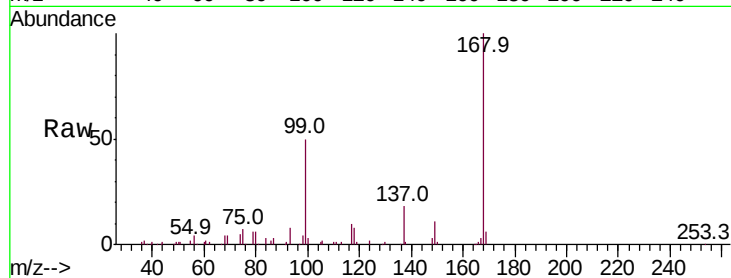
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:168 Resp: 159391

Ion Ratio Lower Upper

168 100

99 49.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

40000

20000

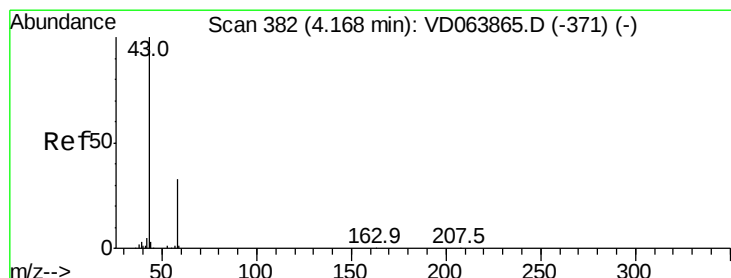
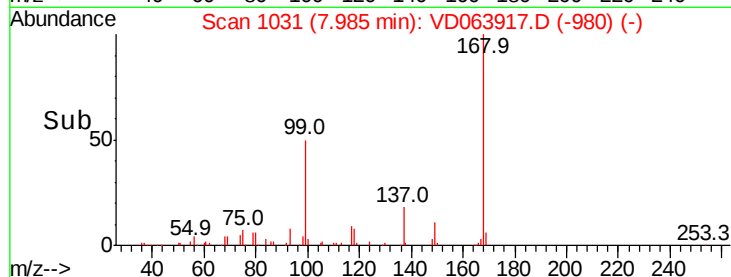
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 39.278 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD063917.D

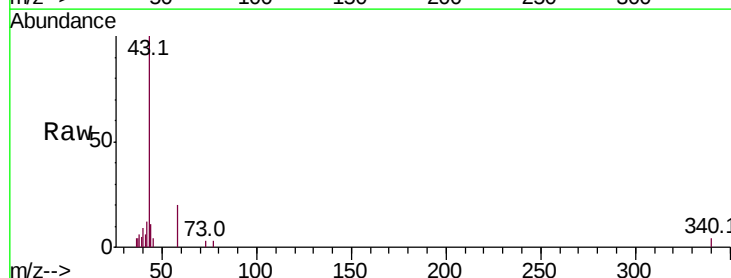
Acq: 10 Oct 2019 18:31

Tgt Ion: 43 Resp: 15869

Ion Ratio Lower Upper

43 100

58 20.2 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

6000

5000

4000

3000

2000

1000

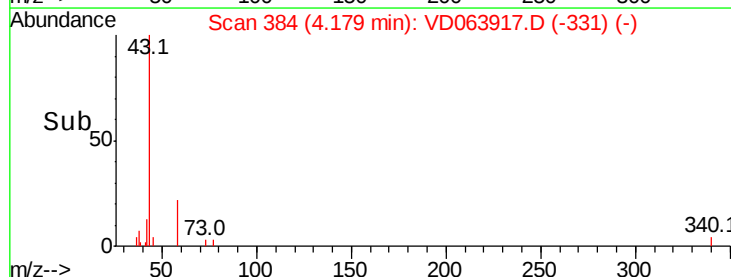
0

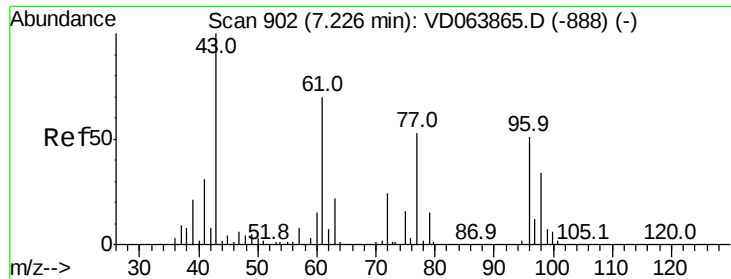
4.10

4.20

4.30

Time-->





#25

2-Butanone

Concen: 13.076 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD063917.D

Acq: 10 Oct 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

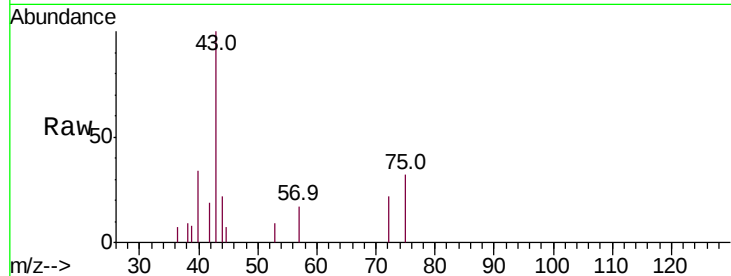
TP-3

Tot Ion: 43 Resp: 6261

Ion Ratio Lower Upper

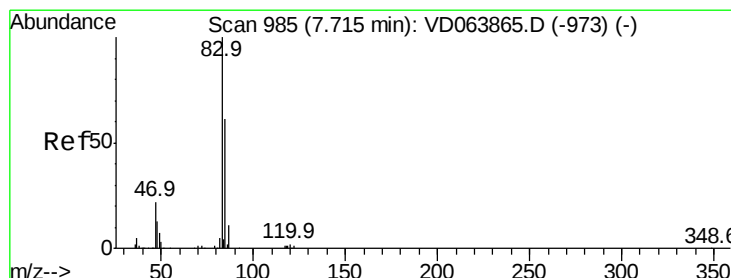
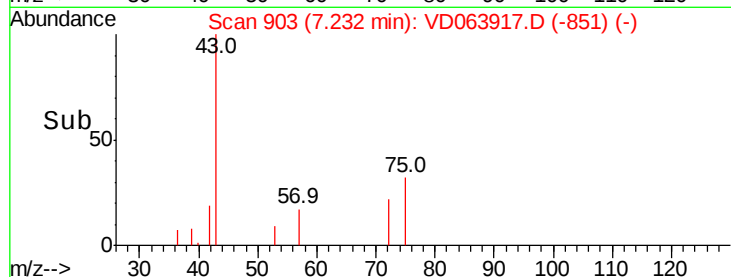
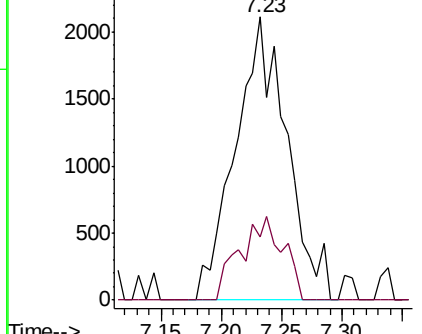
43 100

72 22.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#30

Chloroform

Concen: 20.473 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD063917.D

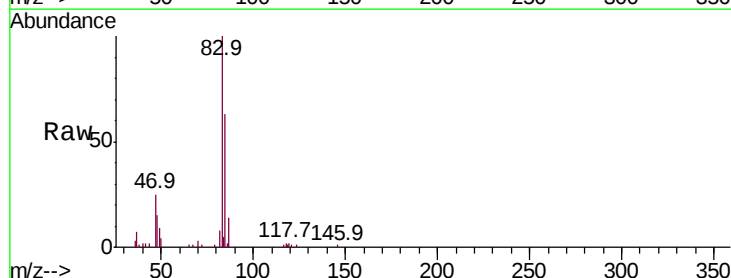
Acq: 10 Oct 2019 18:31

Tgt Ion: 83 Resp: 62124

Ion Ratio Lower Upper

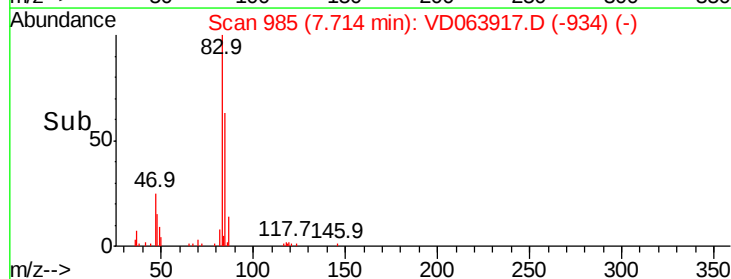
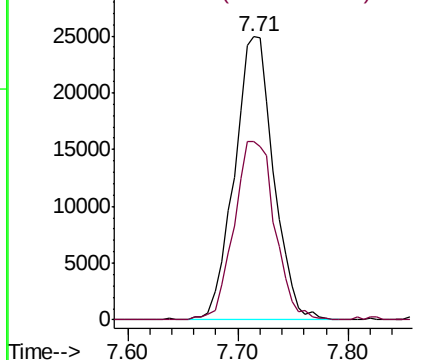
83 100

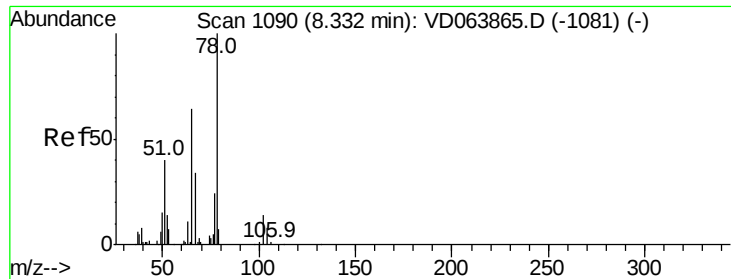
85 63.2 48.9 73.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 56.254 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063917.D

Acq: 10 Oct 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

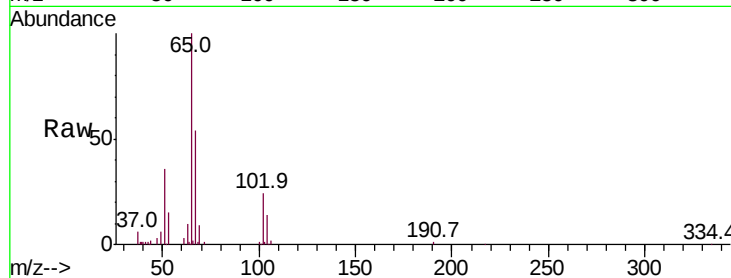
TP-3

Tot Ion: 65 Resp: 87294

Ion Ratio Lower Upper

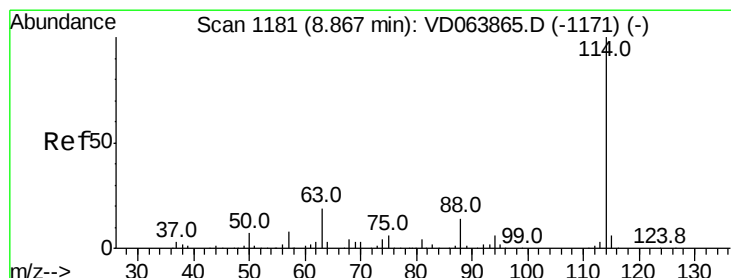
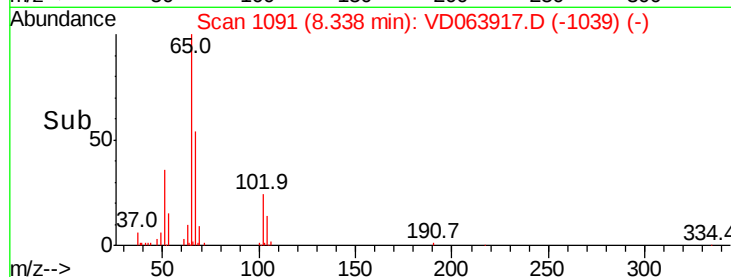
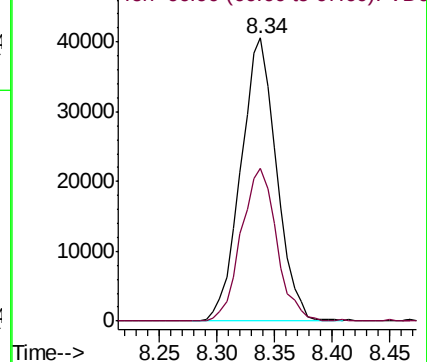
65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063917.D

Acq: 10 Oct 2019 18:31

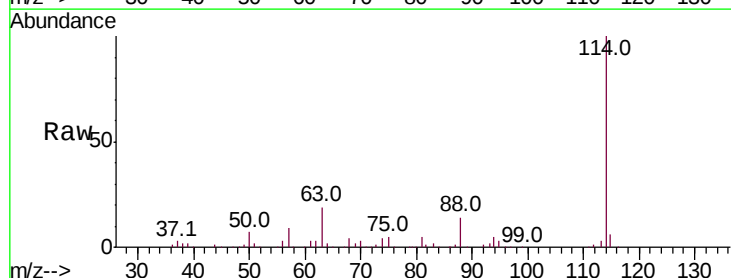
Tgt Ion: 114 Resp: 283659

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

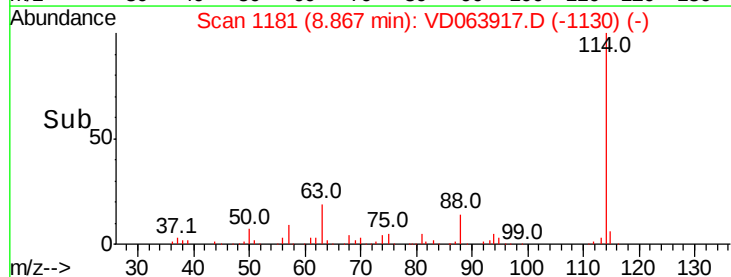
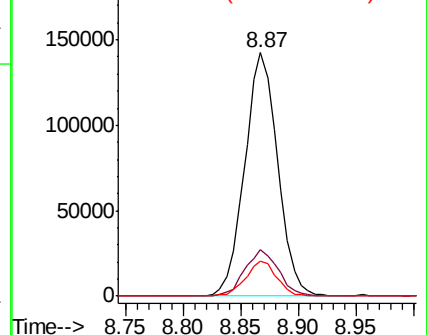
88 14.3 0.0 27.4

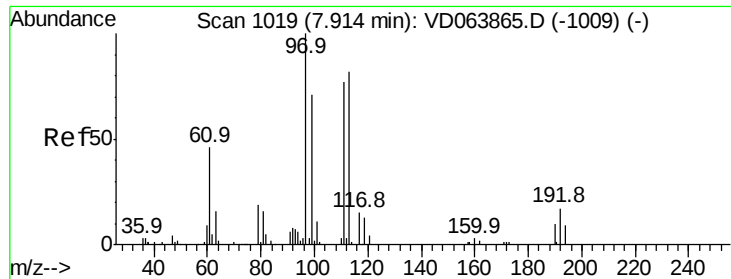


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

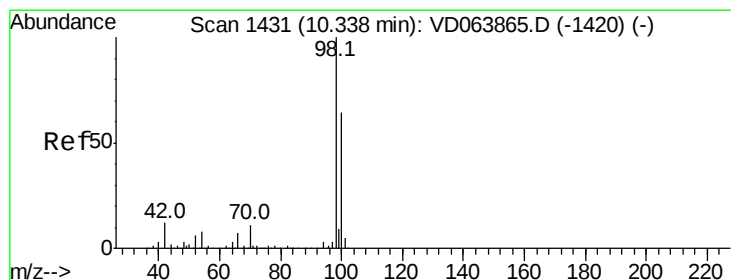
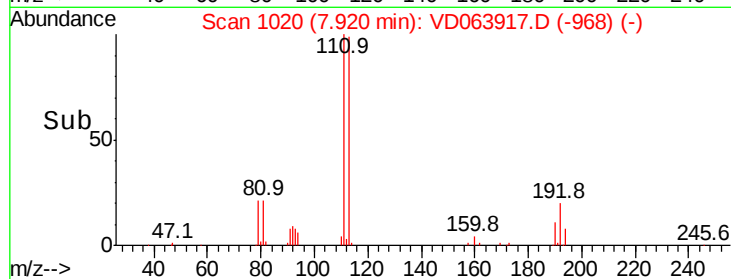
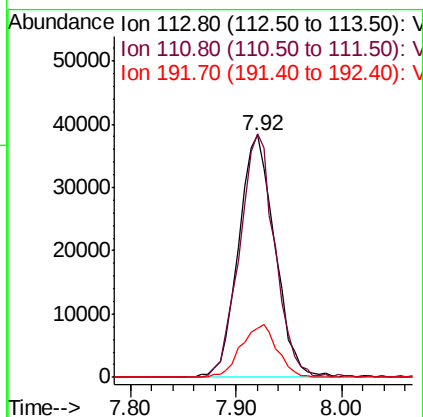
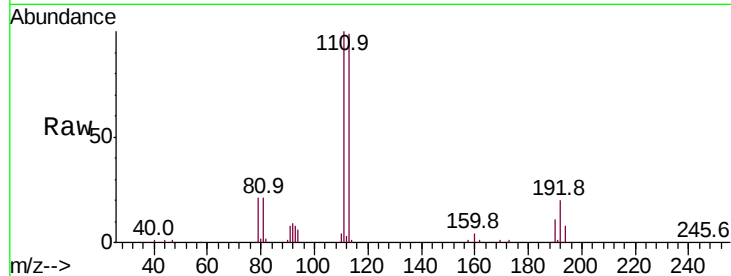




#35
 Dibromofluoromethane
 Concen: 52.541 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063917.D
 Acq: 10 Oct 2019 18:31

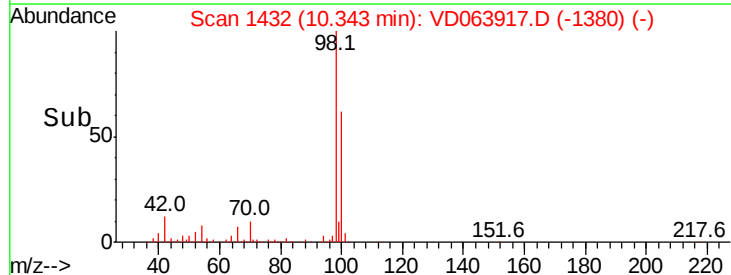
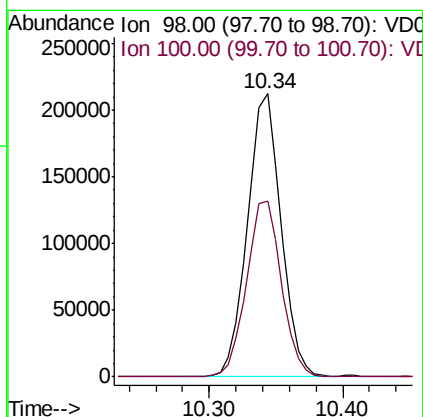
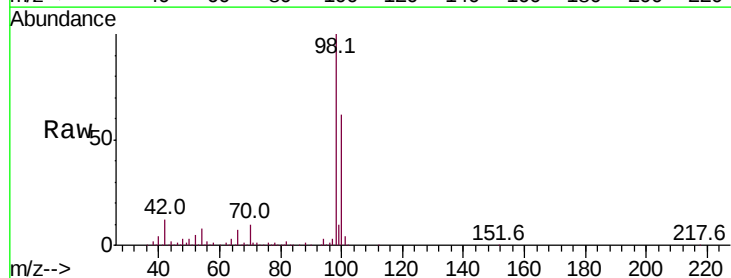
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

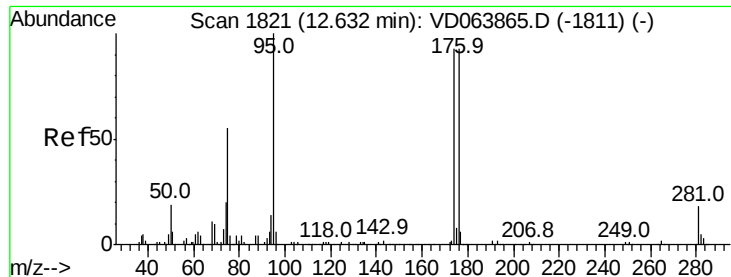
Tot Ion:113 Resp: 91082
 Ion Ratio Lower Upper
 113 100
 111 97.8 82.6 123.8
 192 21.8 17.1 25.7



#50
 Toluene-d8
 Concen: 52.415 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD063917.D
 Acq: 10 Oct 2019 18:31

Tgt Ion: 98 Resp: 368799
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.1 78.1

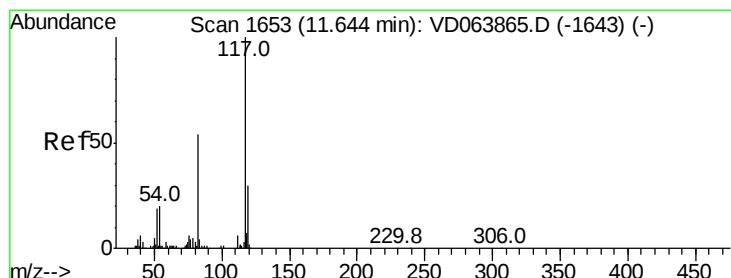
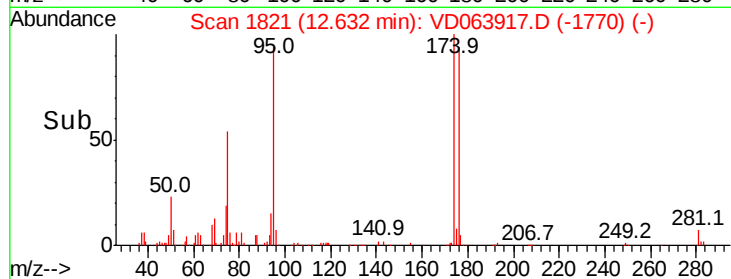
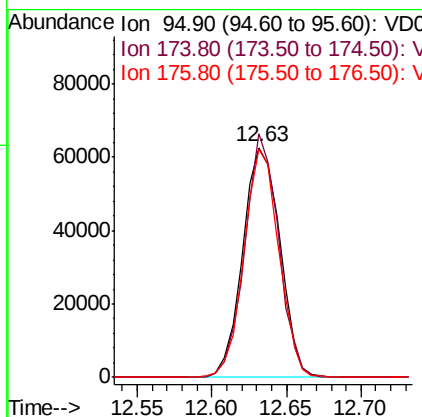
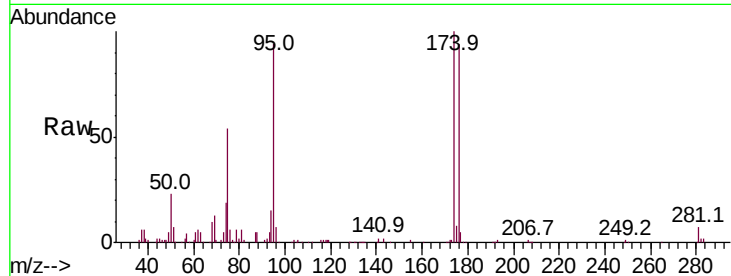




#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063917.D
Acq: 10 Oct 2019 18:31

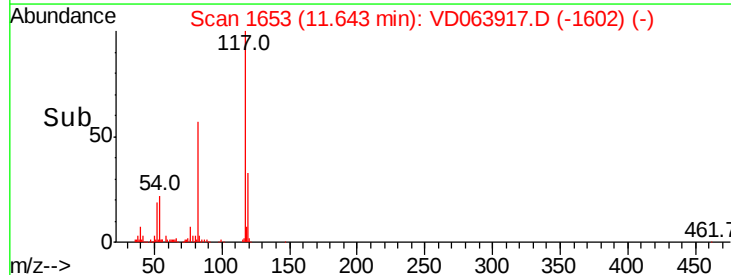
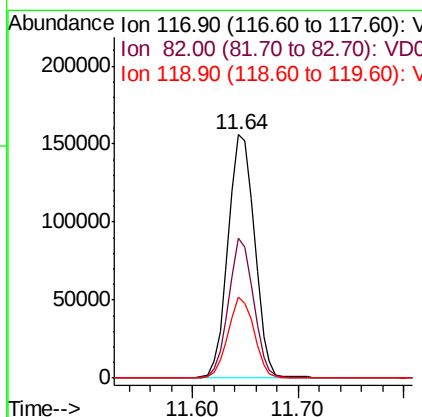
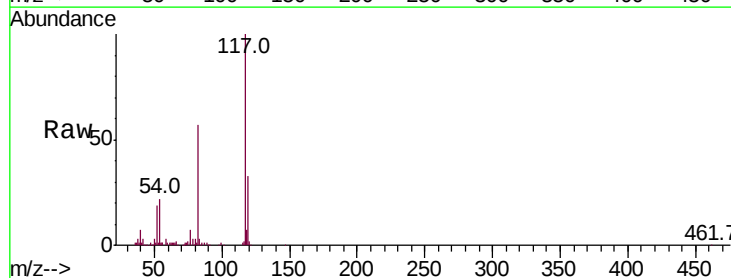
Instrument :
MSVOA_D
ClientSampleId :
TP-3

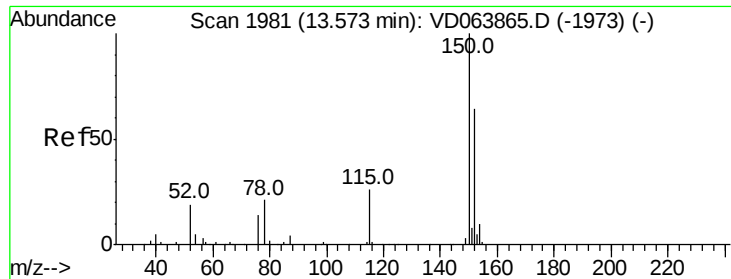
Tot Ion: 95 Resp: 108118
Ion Ratio Lower Upper
95 100
174 96.0 0.0 186.4
176 93.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063917.D
Acq: 10 Oct 2019 18:31

Tgt Ion: 117 Resp: 271419
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 33.1 24.4 36.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063917.D

Acq: 10 Oct 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

TP-3

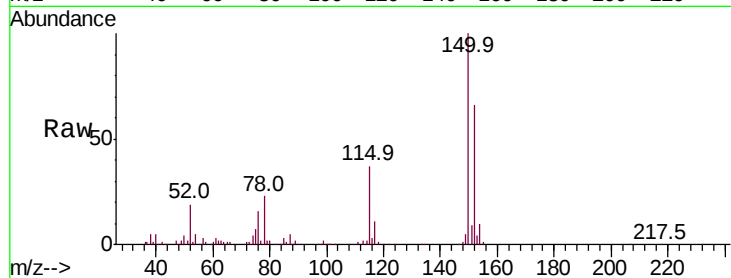
Tot Ion:152 Resp: 128850

Ion Ratio Lower Upper

152 100

115 54.4 25.9 77.7

150 156.4 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

