

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063916.D
 Acq On : 10 Oct 2019 18:03
 Operator : VA/SY
 Sample : K5297-06
 Misc : 2.77G/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Oct 11 08:18:45 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

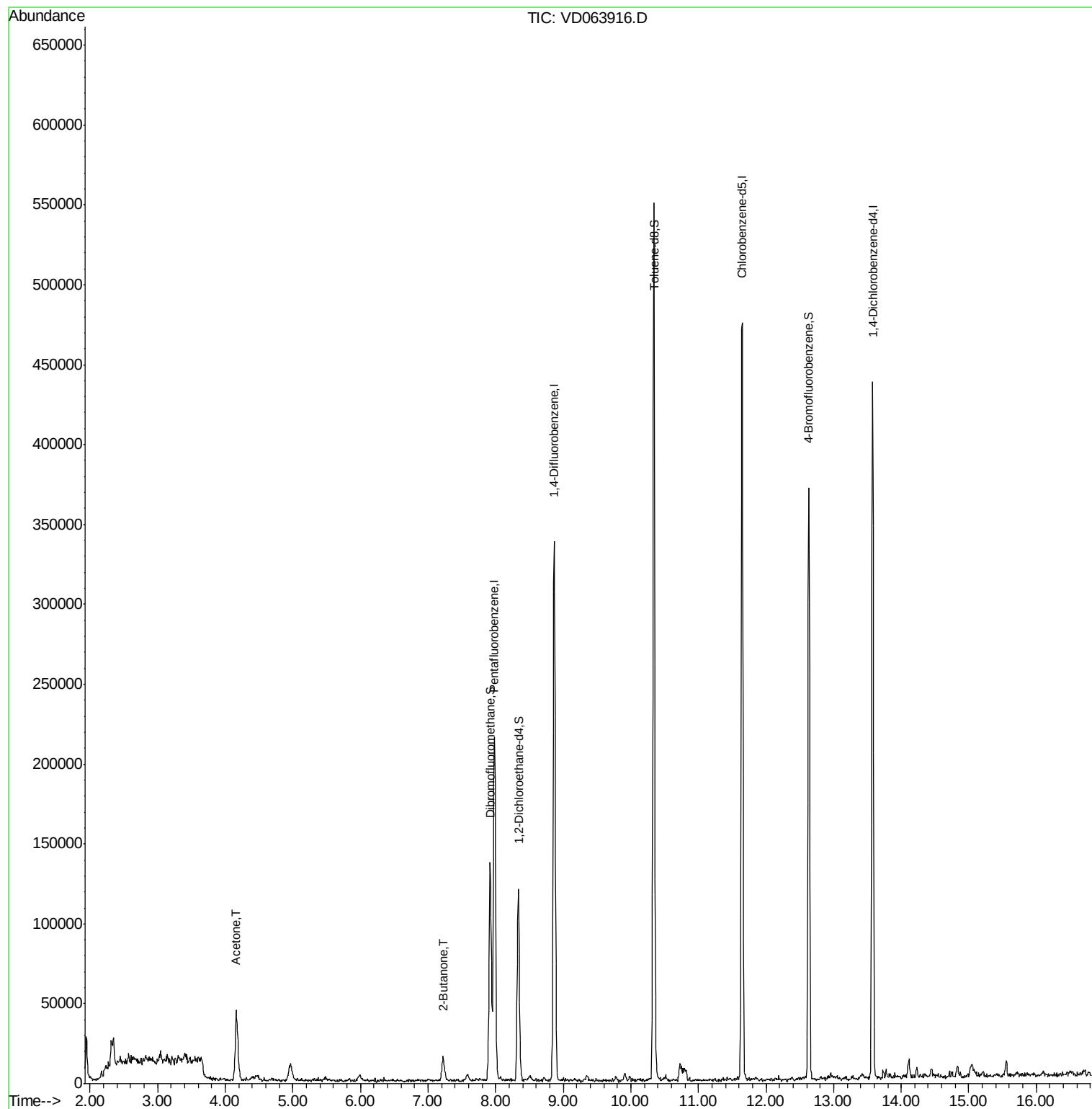
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	165124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	294637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	268607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91337	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
35) Dibromofluoromethane	7.91	113	92092	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.34	98	375398	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.64	95	106701	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
16) Acetone	4.16	43	72985	174.377	ug/l	Qvalue 100
25) 2-Butanone	7.23	43	20205	40.734	ug/l	95

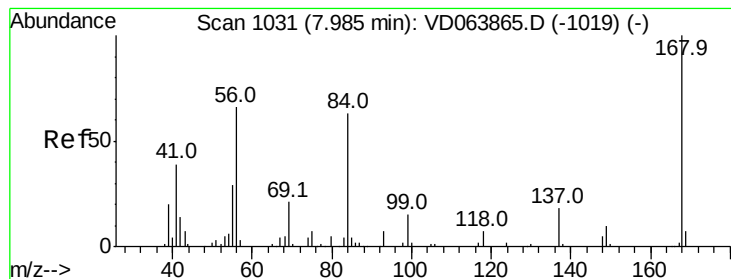
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063916.D

Acq: 10 Oct 2019 18:03

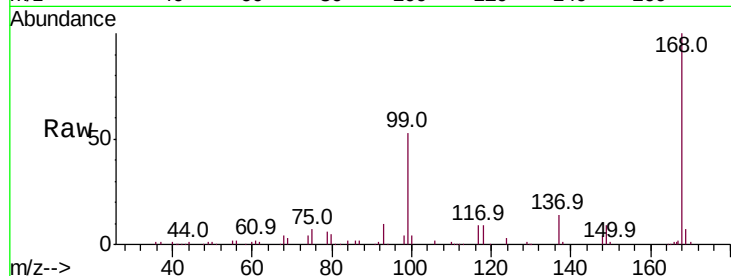
Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion:168 Resp: 165124

Ion Ratio Lower Upper

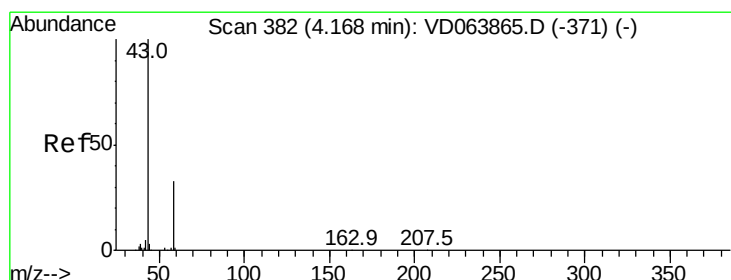
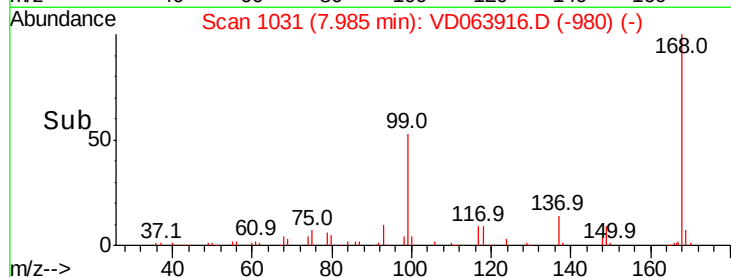
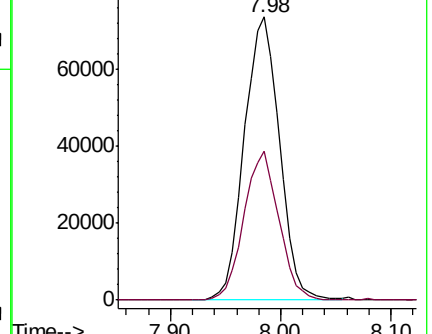
168 100

99 52.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 174.377 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063916.D

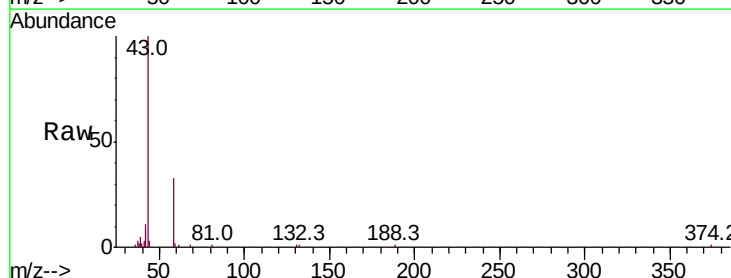
Acq: 10 Oct 2019 18:03

Tgt Ion: 43 Resp: 72985

Ion Ratio Lower Upper

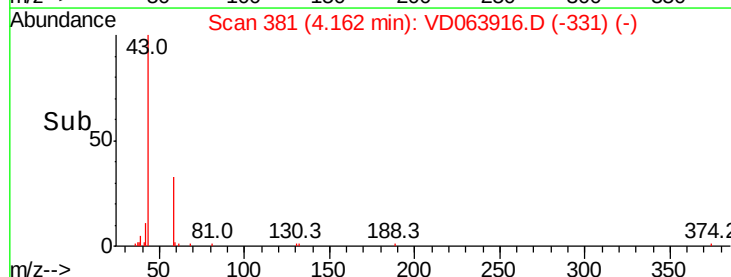
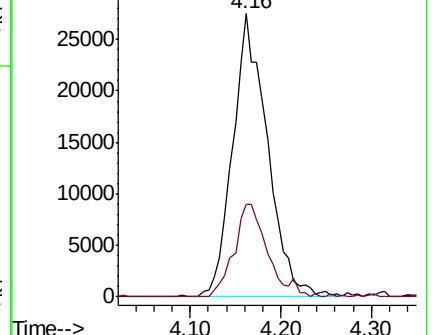
43 100

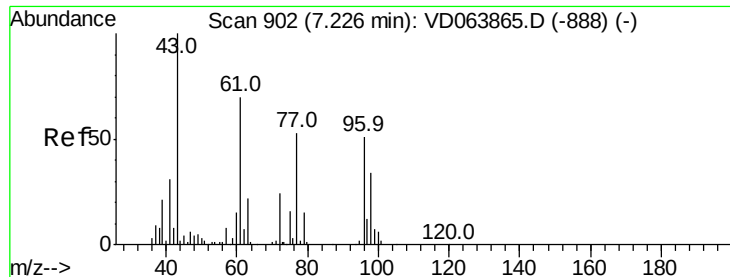
58 32.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 40.734 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063916.D

Acq: 10 Oct 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

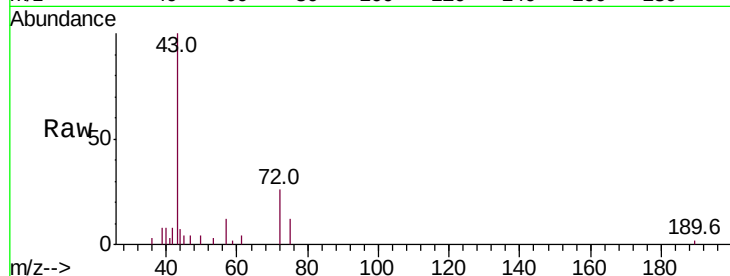
TP-2

Tot Ion: 43 Resp: 20205

Ion Ratio Lower Upper

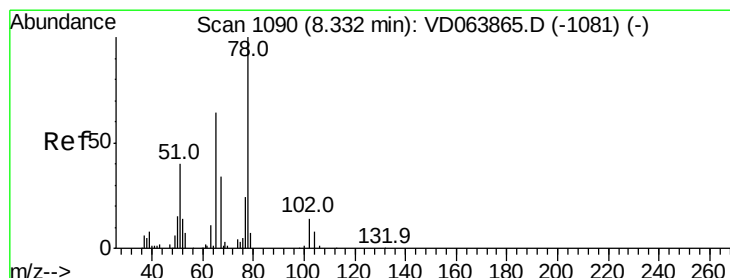
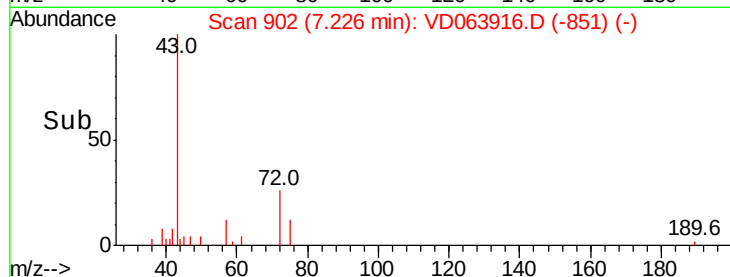
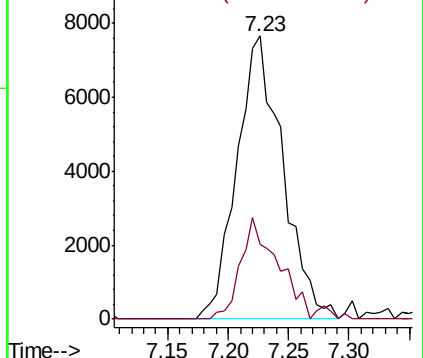
43 100

72 26.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.815 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063916.D

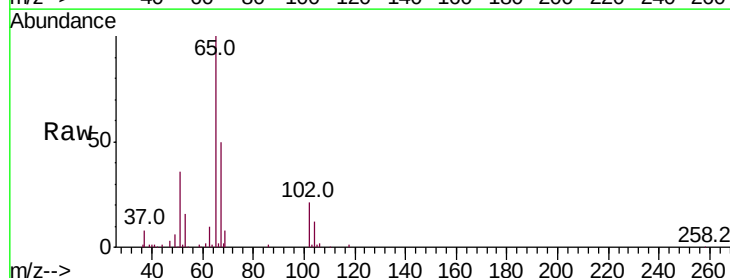
Acq: 10 Oct 2019 18:03

Tgt Ion: 65 Resp: 91337

Ion Ratio Lower Upper

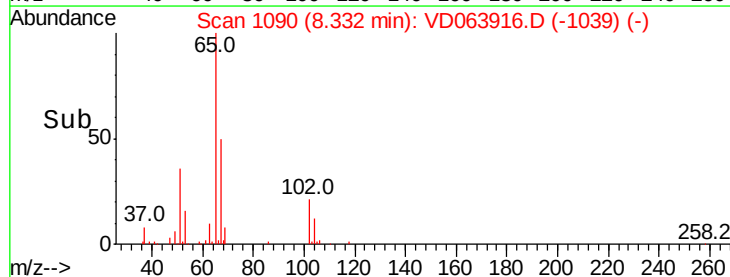
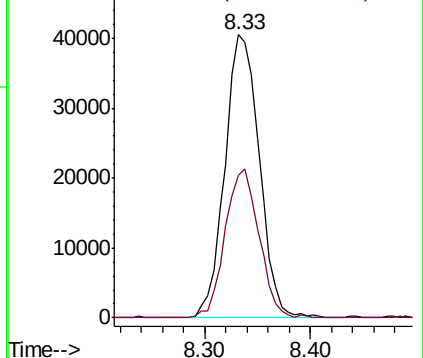
65 100

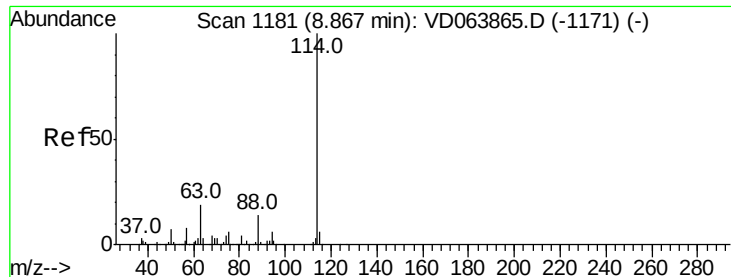
67 51.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

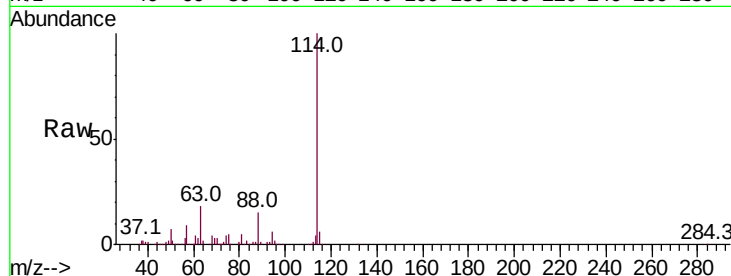




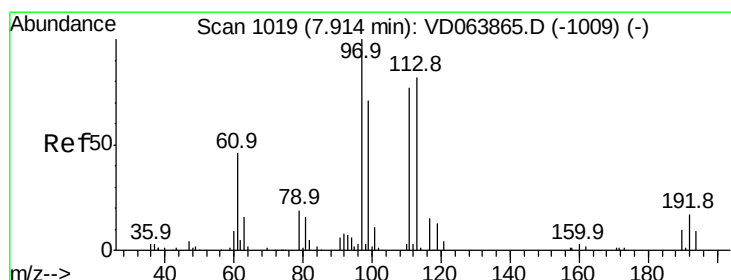
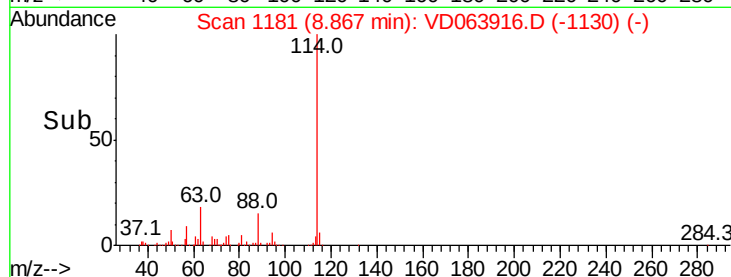
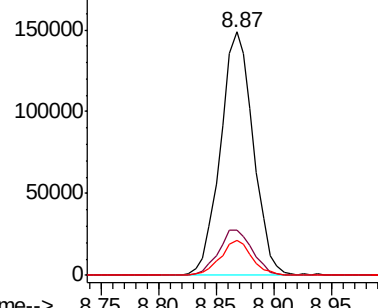
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063916.D
Acq: 10 Oct 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	14.6	0.0	27.4

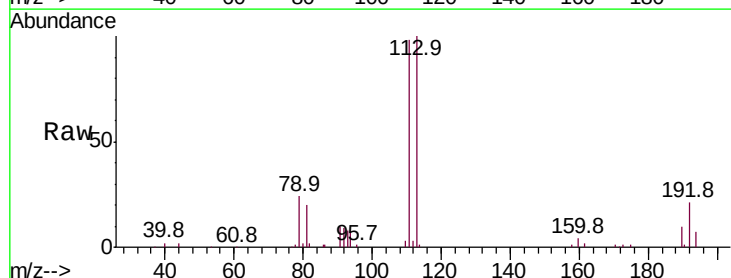


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

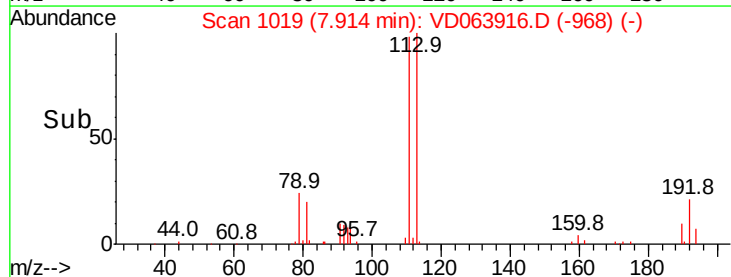
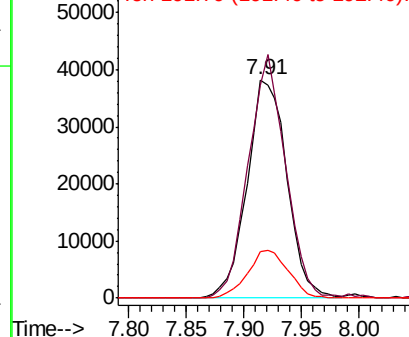


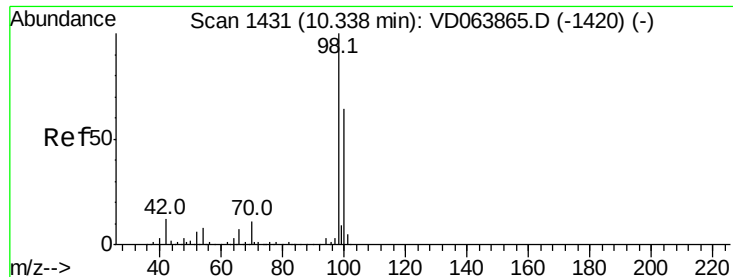
#35
Dibromofluoromethane
Concen: 51.145 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD063916.D
Acq: 10 Oct 2019 18:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	22.3	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.365 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD063916.D

Acq: 10 Oct 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

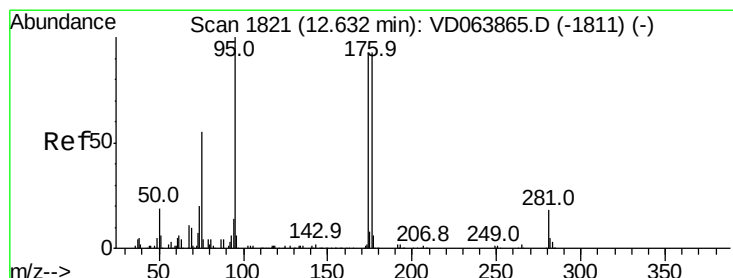
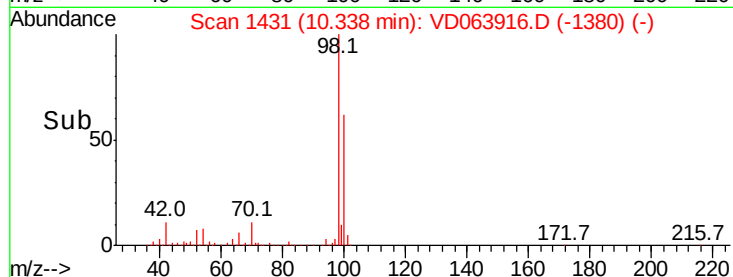
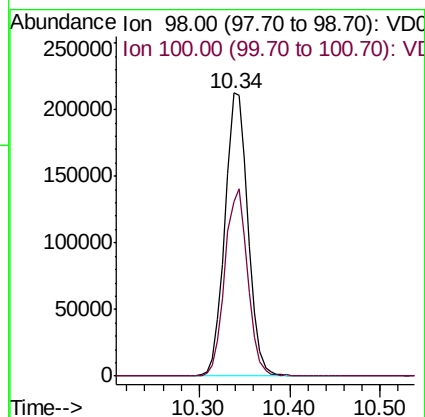
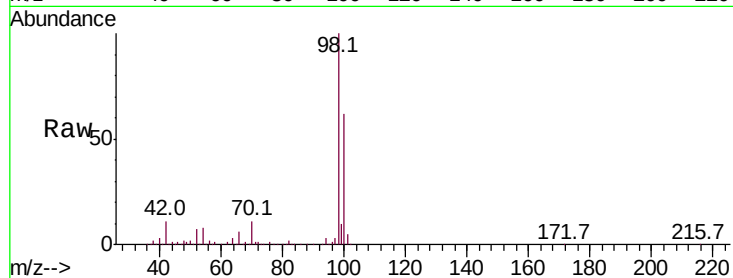
TP-2

Tot Ion: 98 Resp: 375398

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 42.014 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063916.D

Acq: 10 Oct 2019 18:03

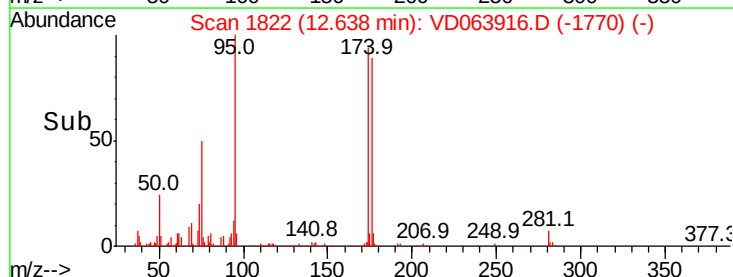
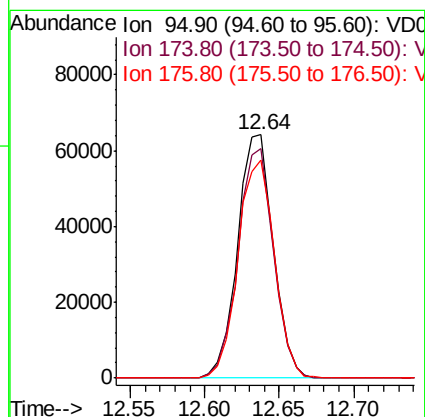
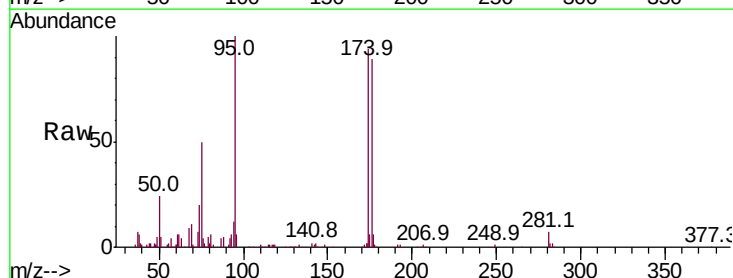
Tgt Ion: 95 Resp: 106701

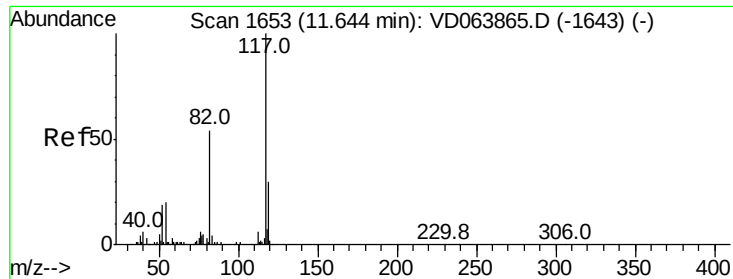
Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.4

176 91.0 0.0 184.2

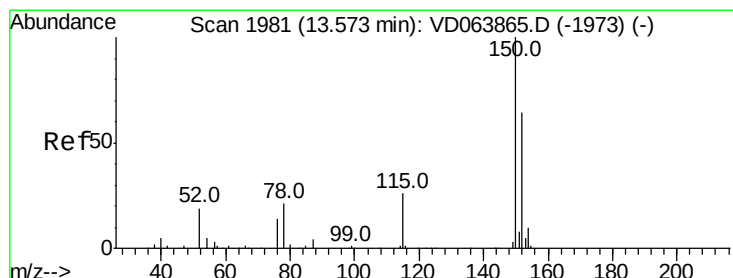
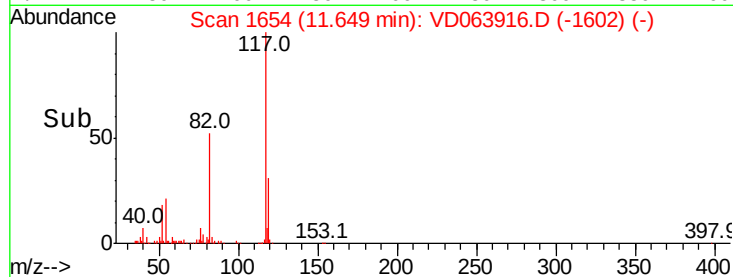
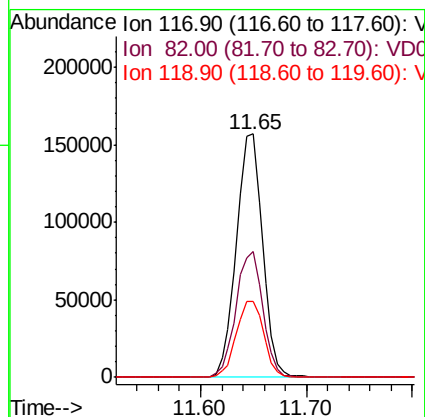
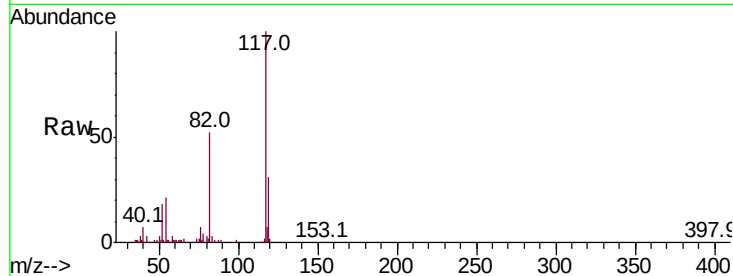




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063916.D
Acq: 10 Oct 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.8	64.2
119	31.2	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: VD063916.D
Acq: 10 Oct 2019 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	25.9	77.7
150	157.6	0.0	344.2

