

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063579.D
 Acq On : 14 Aug 2019 17:37
 Operator : JC/SY
 Sample : K4238-05RE
 Misc : 5.31g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18

Quant Time: Aug 15 12:42:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

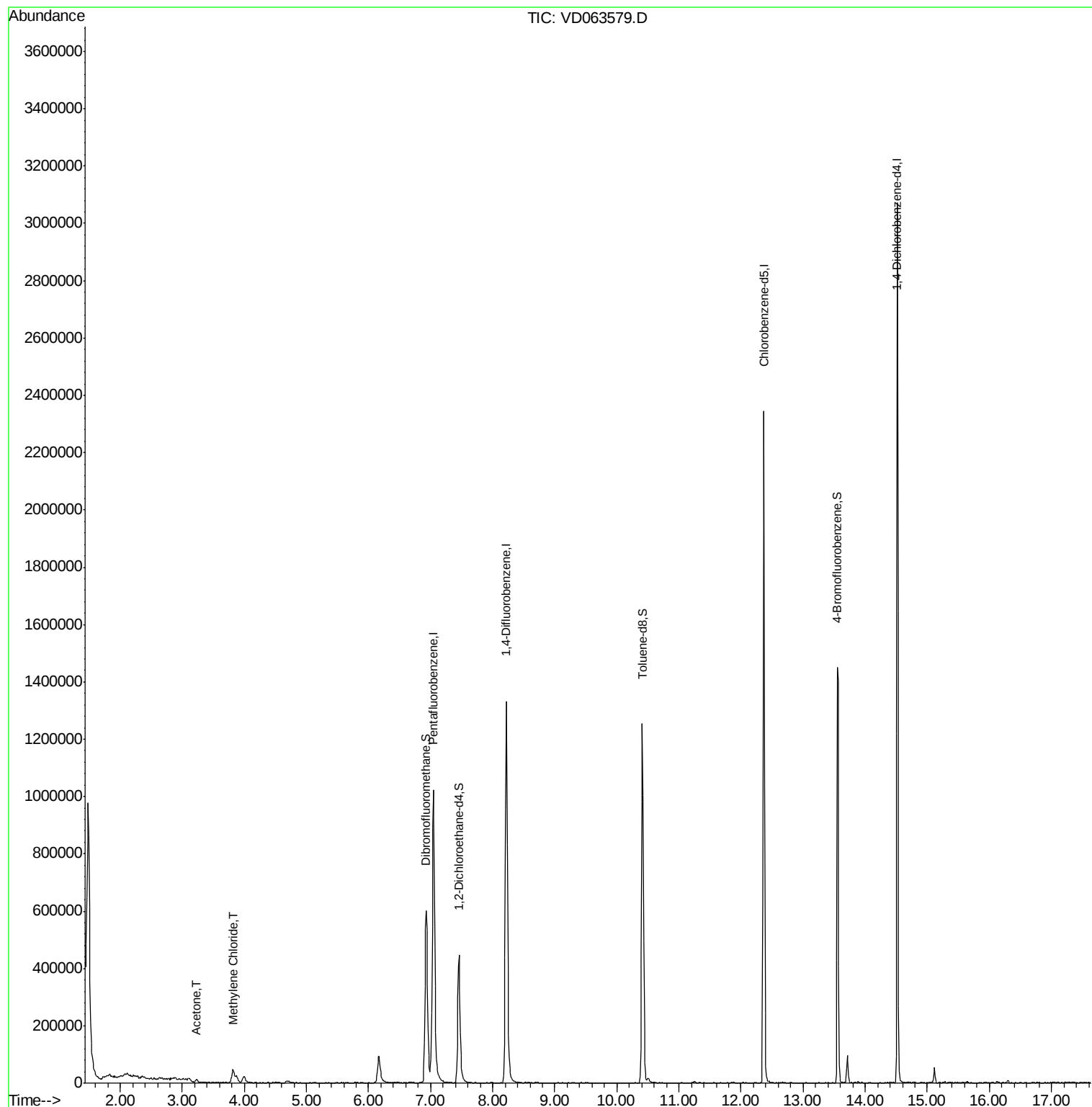
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1051194	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1480955	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1239355	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	628815	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	517884	46.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.18%	
35) Dibromofluoromethane	6.93	113	549503	44.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.12%	
50) Toluene-d8	10.41	98	1001216	36.51	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.02%	
62) 4-Bromofluorobenzene	13.55	95	441333	35.51	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.02%	
Target Compounds						
16) Acetone	3.24	43	14788	6.474	ug/l	93
20) Methylene Chloride	3.82	84	26663	2.700	ug/l	97

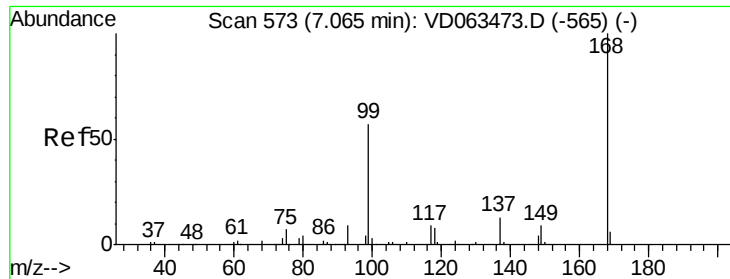
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063579.D

Acq: 14 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

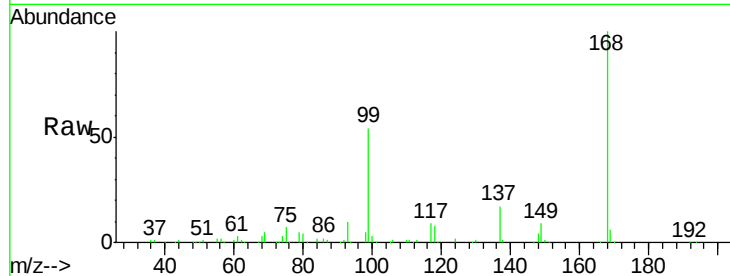
TP-18

Tot Ion:168 Resp: 1051194

Ion Ratio Lower Upper

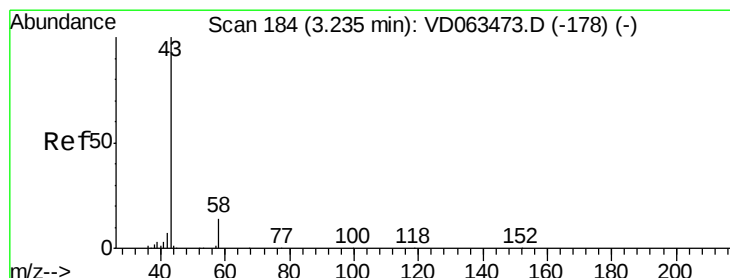
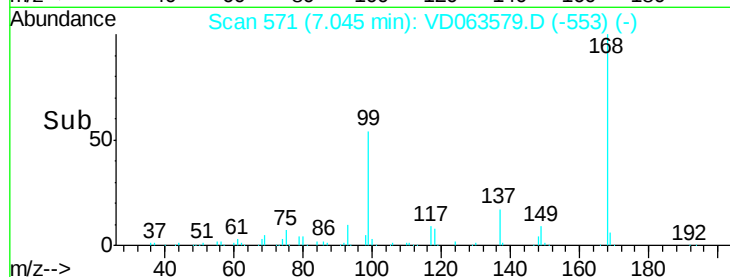
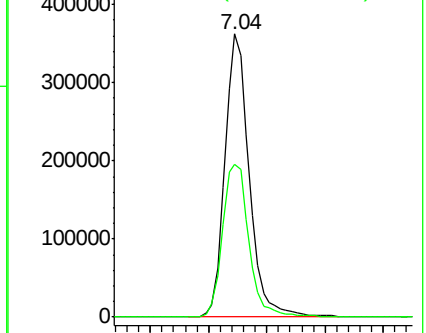
168 100

99 54.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 6.474 ug/l

RT: 3.24 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD063579.D

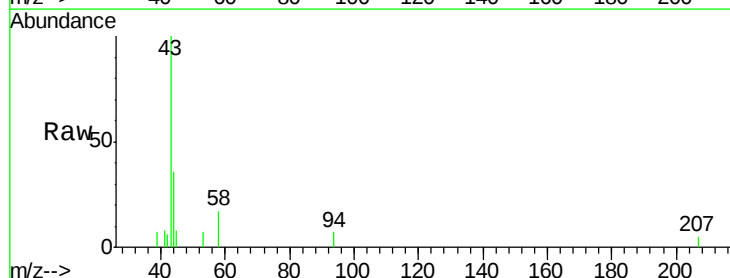
Acq: 14 Aug 2019 17:37

Tgt Ion: 43 Resp: 14788

Ion Ratio Lower Upper

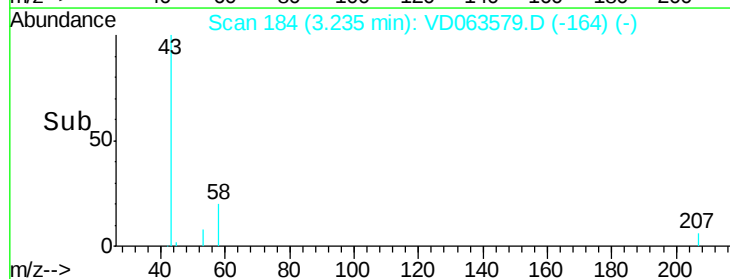
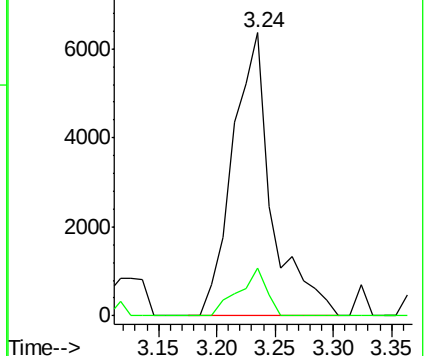
43 100

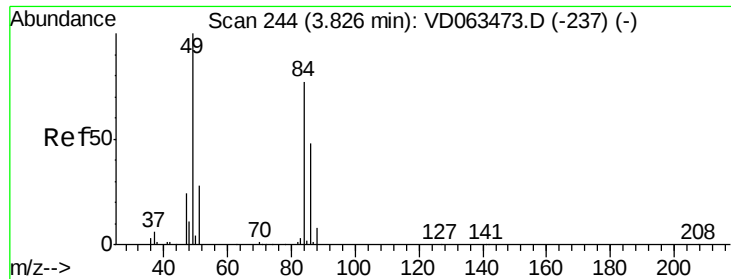
58 17.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

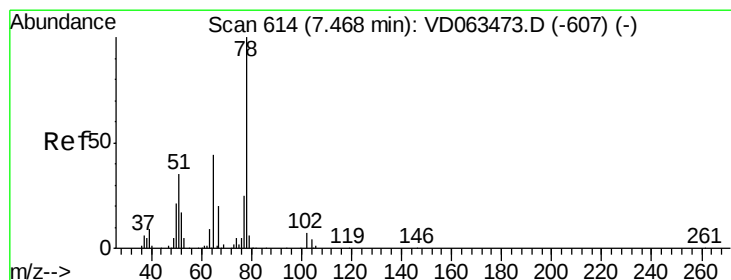
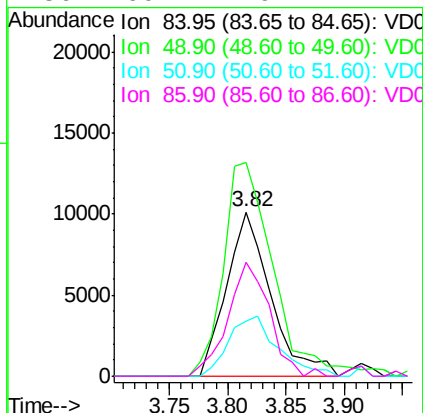
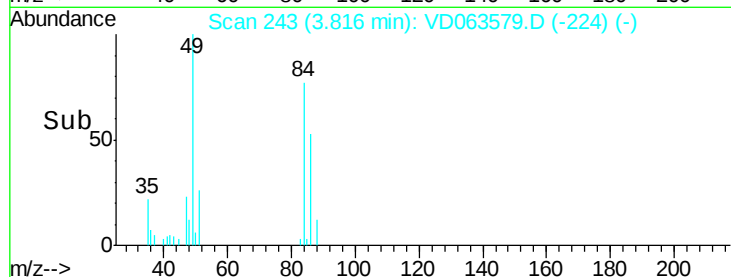
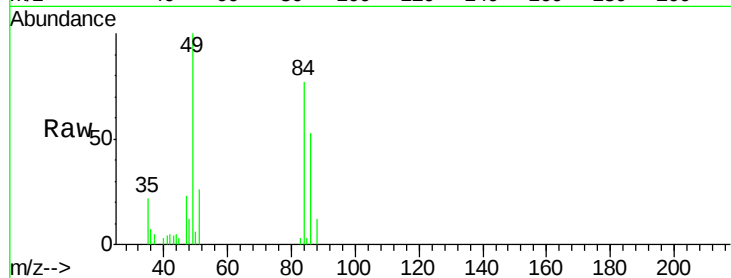




#20
Methylene Chloride
Concen: 2.700 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063579.D
Acq: 14 Aug 2019 17:37

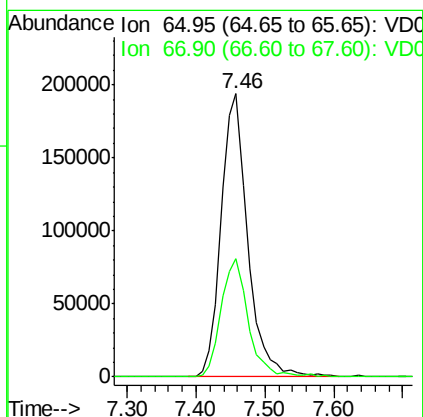
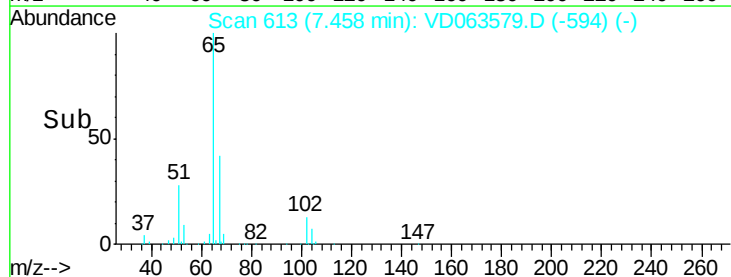
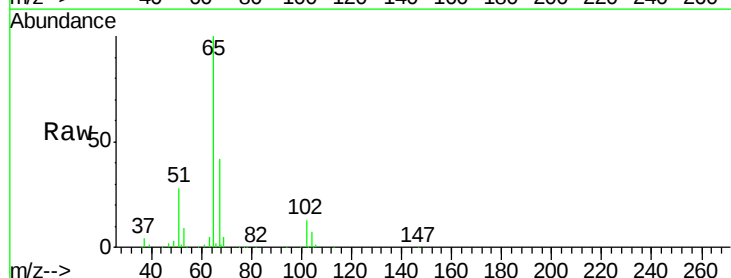
Instrument :
MSVOA_D
ClientSampleId :
TP-18

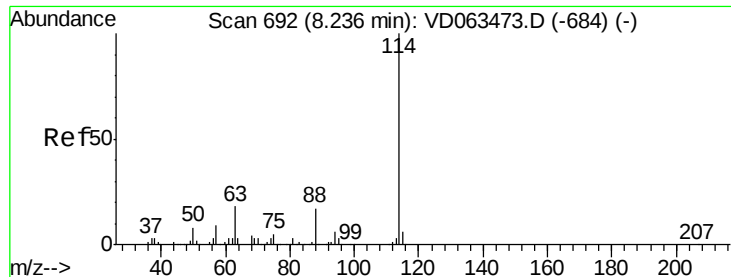
Tot Ion	84	Resp	26663
Ion	Ratio	Lower	Upper
84	100		
49	129.9	103.4	155.2
51	33.7	28.5	42.7
86	69.2	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 46.090 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063579.D
Acq: 14 Aug 2019 17:37

Tgt Ion	65	Resp	517884
Ion	Ratio	Lower	Upper
65	100		
67	41.7	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063579.D

Acq: 14 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

TP-18

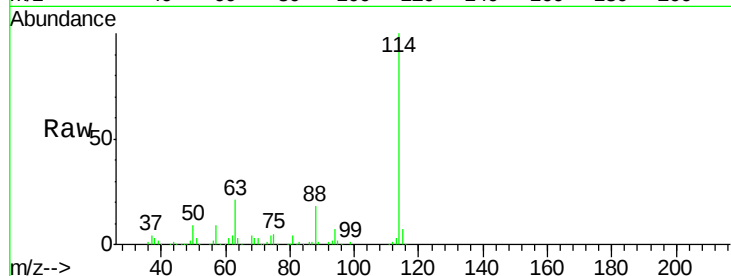
Tot Ion:114 Resp: 1480955

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.2

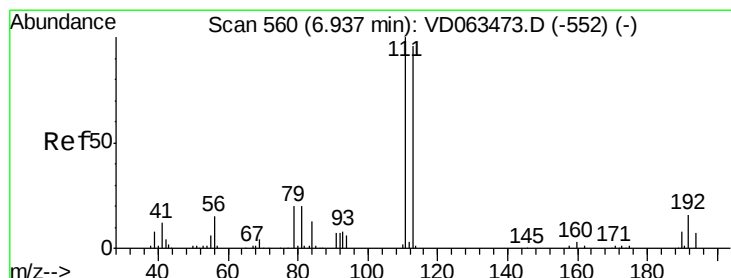
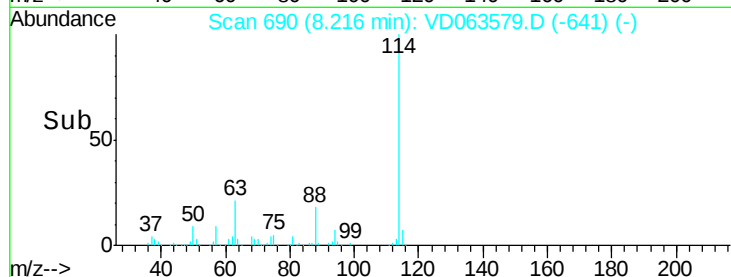
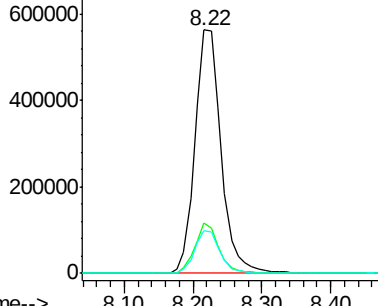
88 17.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 44.056 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063579.D

Acq: 14 Aug 2019 17:37

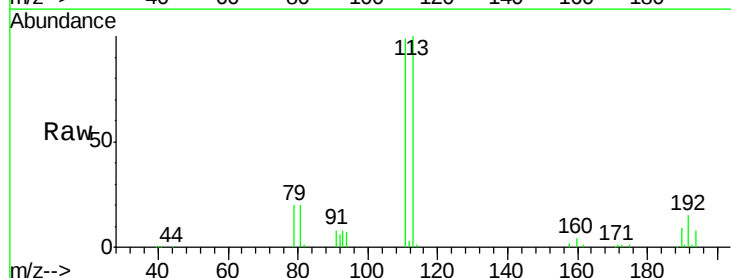
Tgt Ion:113 Resp: 549503

Ion Ratio Lower Upper

113 100

111 99.1 83.1 124.7

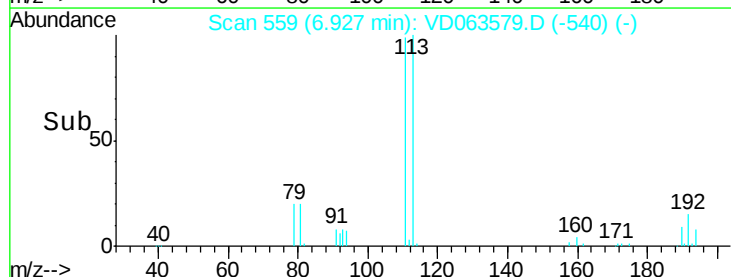
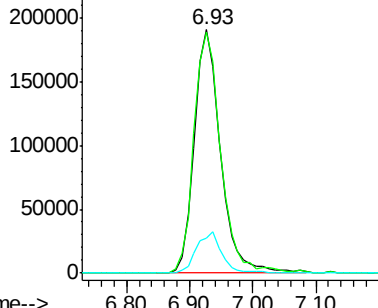
192 14.6 13.1 19.7

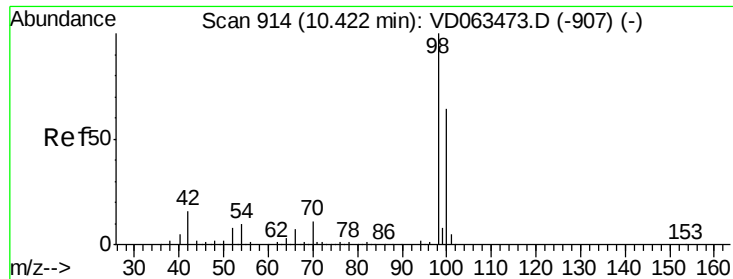


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

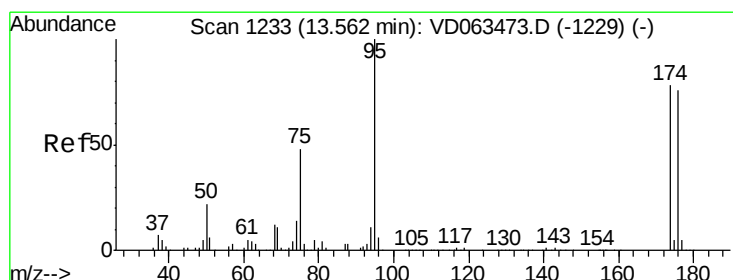
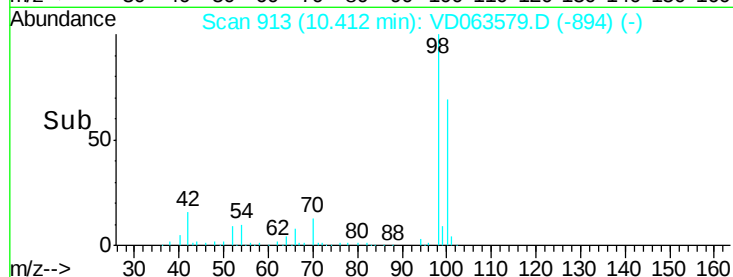
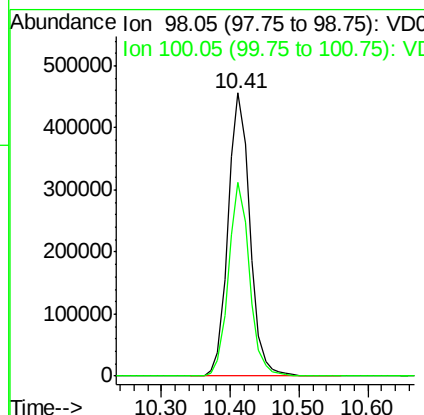
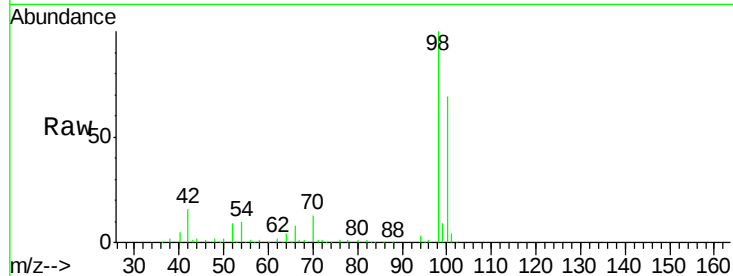




#50
Toluene-d8
Concen: 36.512 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063579.D
Acq: 14 Aug 2019 17:37

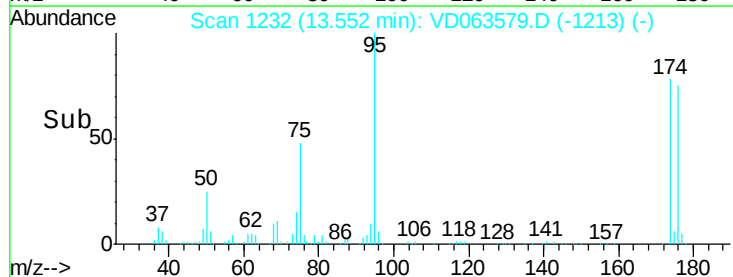
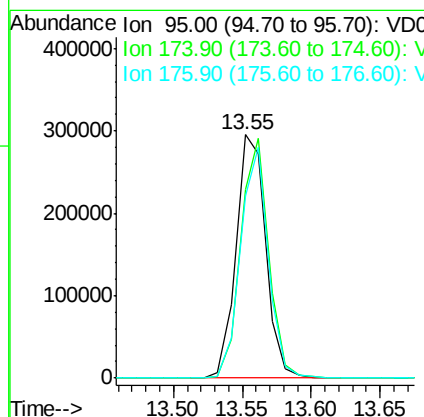
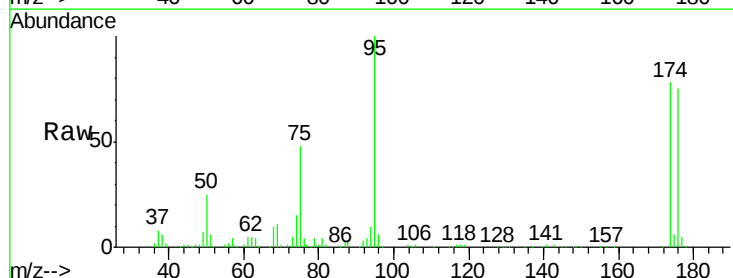
Instrument :
MSVOA_D
ClientSampled :
TP-18

Tot Ion: 98 Resp: 1001216
Ion Ratio Lower Upper
98 100
100 68.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 35.509 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063579.D
Acq: 14 Aug 2019 17:37

Tgt Ion: 95 Resp: 441333
Ion Ratio Lower Upper
95 100
174 77.6 0.0 155.4
176 74.8 0.0 152.4

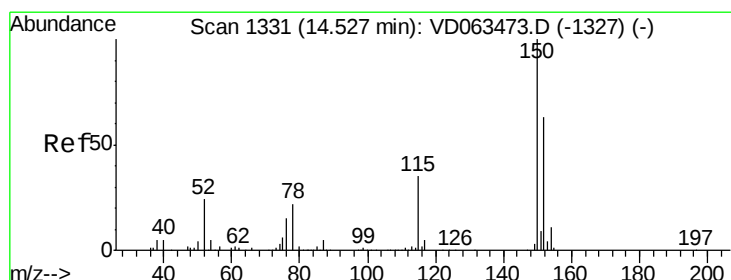
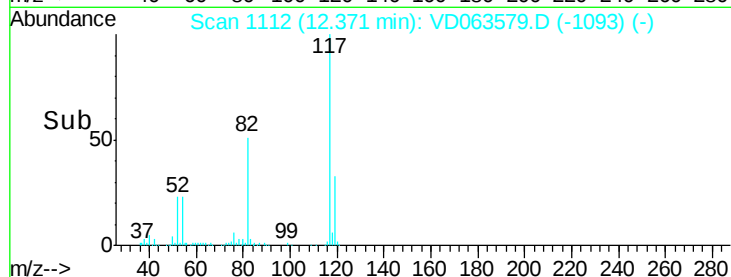
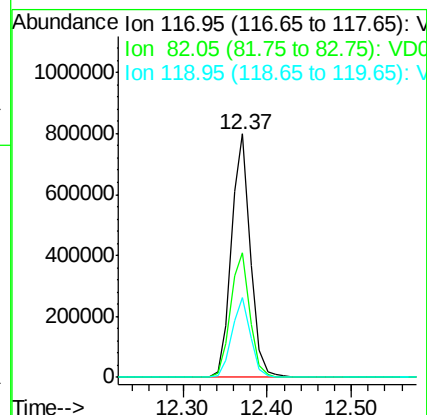
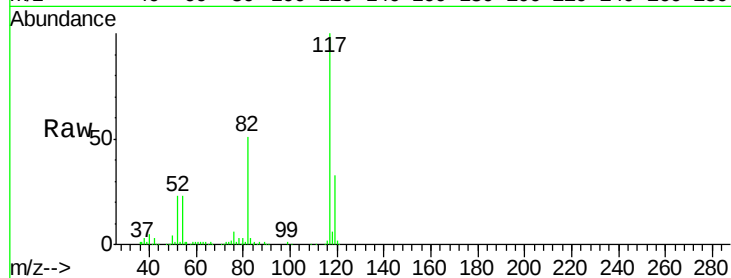




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063579.D
Acq: 14 Aug 2019 17:37

Instrument :
MSVOA_D
ClientSampled :
TP-18

Tot Ion:117 Resp: 1239355
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063579.D
Acq: 14 Aug 2019 17:37

Tgt Ion:152 Resp: 628815
Ion Ratio Lower Upper
152 100
115 61.3 30.9 92.7
150 156.4 0.0 318.6

