

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063536.D
 Acq On : 13 Aug 2019 19:20
 Operator : JC/SY
 Sample : K4319-04
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRANSFORMER-CONTAINMENT-S

Quant Time: Aug 14 09:19:00 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

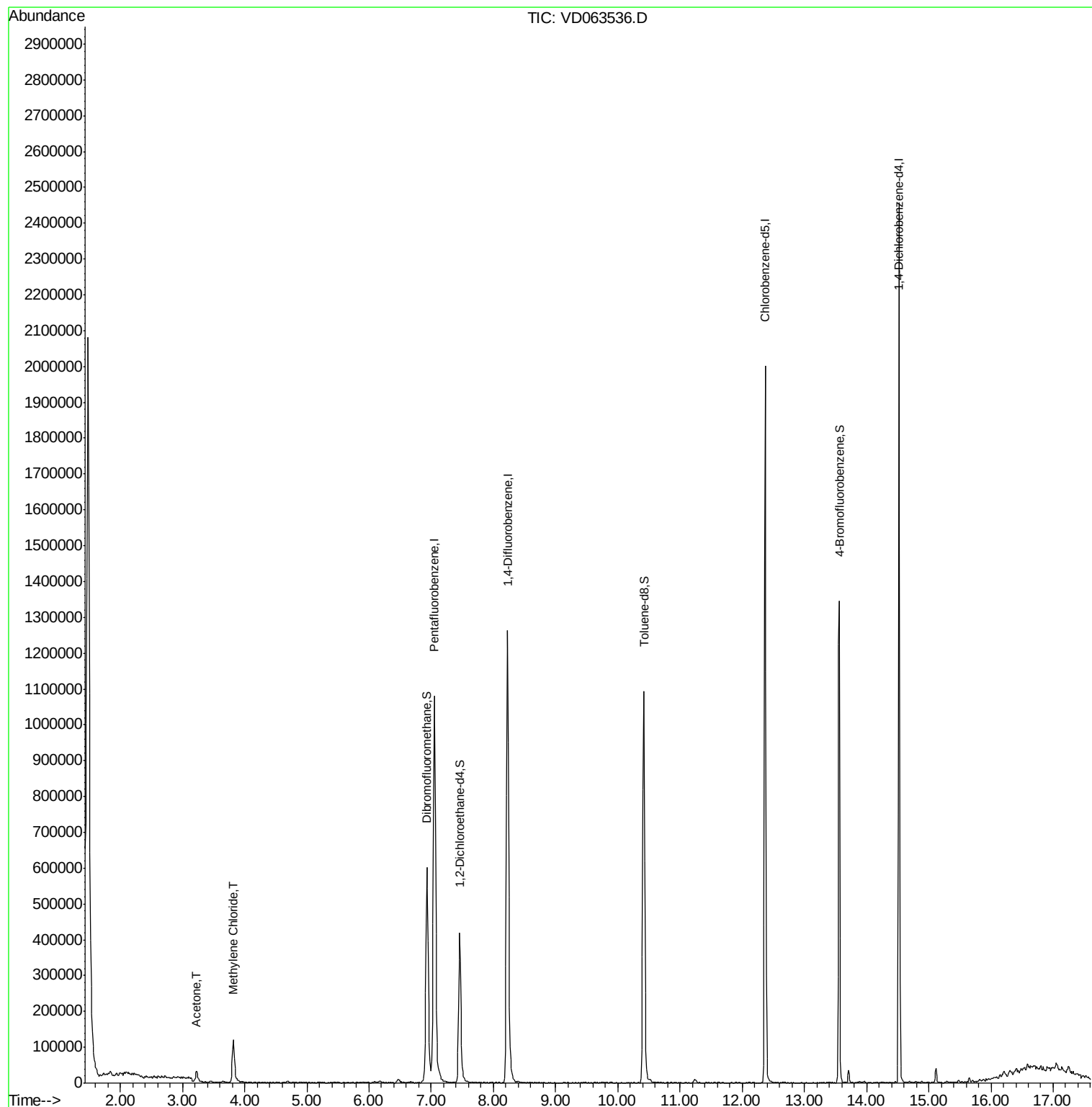
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1069842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1465285	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1095047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	523233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	452235	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
35) Dibromofluoromethane	6.93	113	529837	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
50) Toluene-d8	10.41	98	974534	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.84%	
62) 4-Bromofluorobenzene	13.56	95	392899	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
Target Compounds						
16) Acetone	3.23	43	50386	21.674	ug/l #	92
20) Methylene Chloride	3.82	84	76821	7.642	ug/l	94

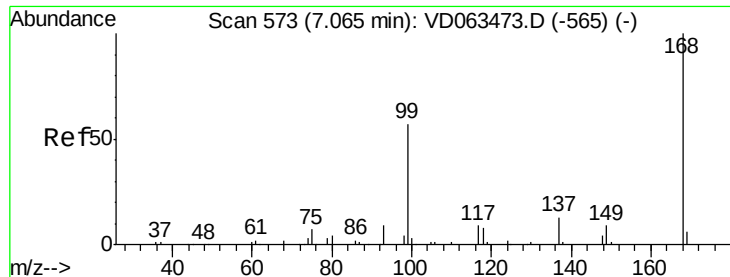
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063536.D

Acq: 13 Aug 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

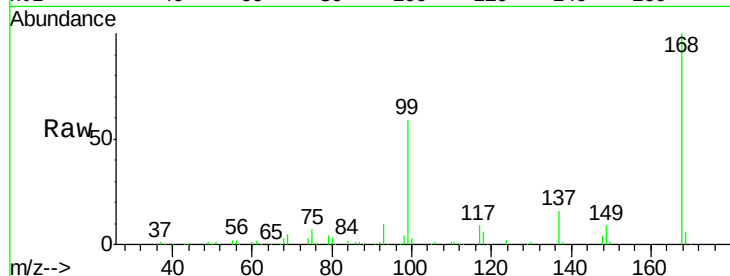
TRANSFORMER-CONTAINMENT-S

Tot Ion:168 Resp: 1069842

Ion Ratio Lower Upper

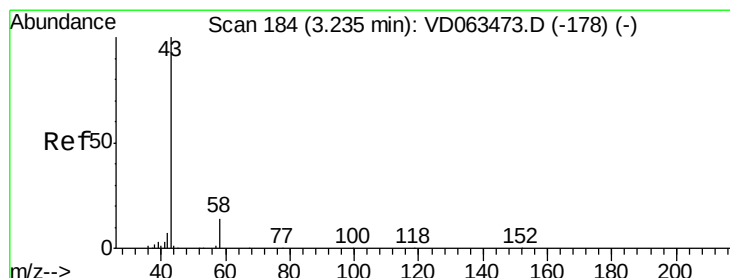
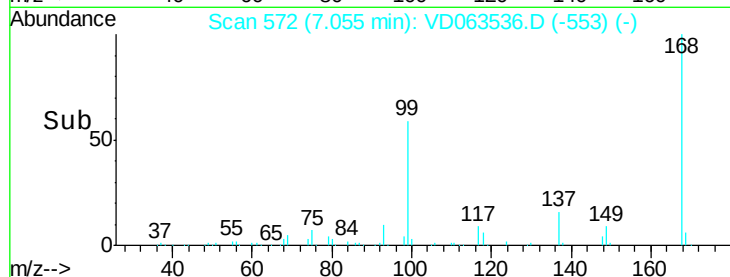
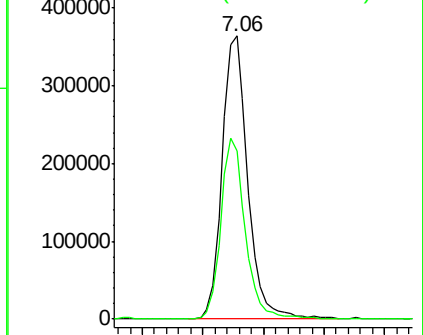
168 100

99 59.2 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: 21.674 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063536.D

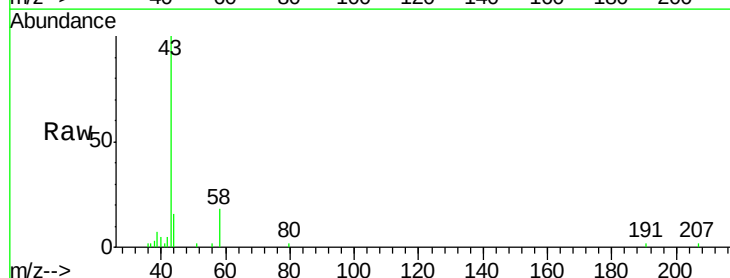
Acq: 13 Aug 2019 19:20

Tgt Ion: 43 Resp: 50386

Ion Ratio Lower Upper

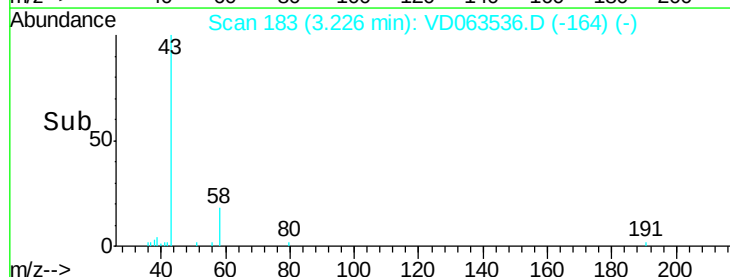
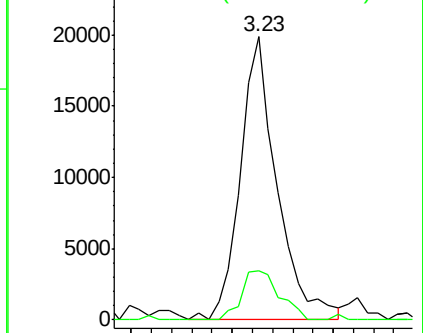
43 100

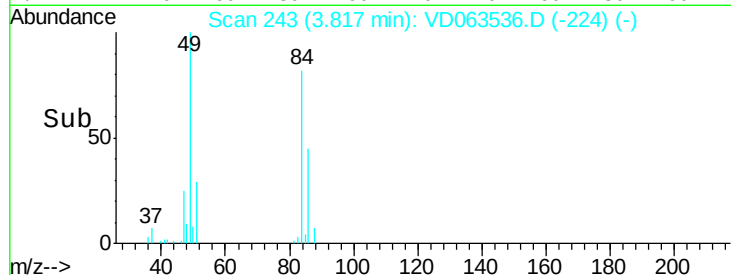
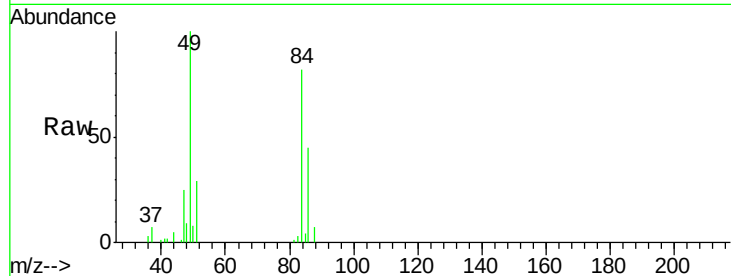
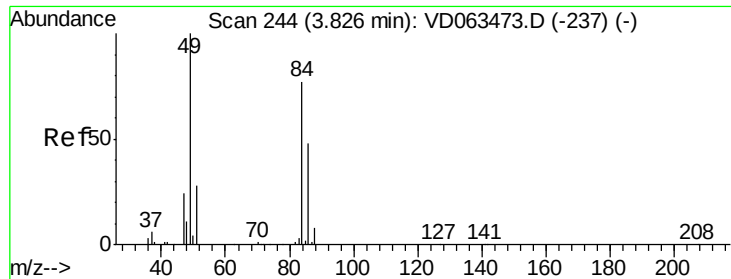
58 17.5 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

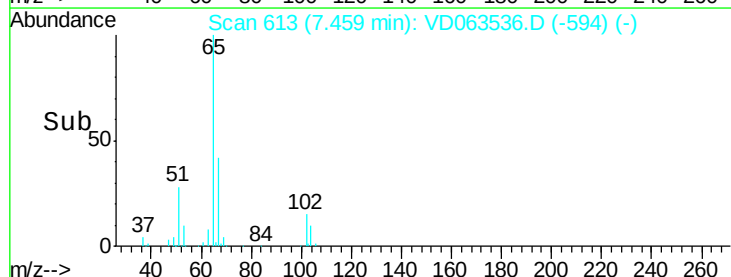
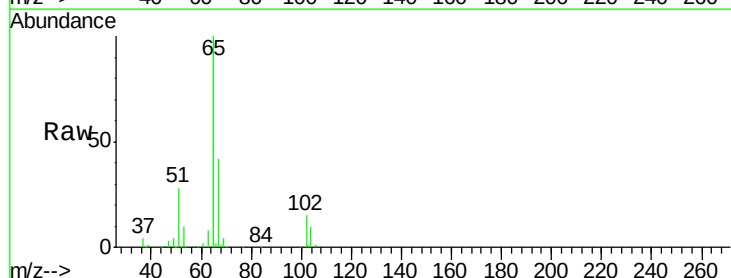
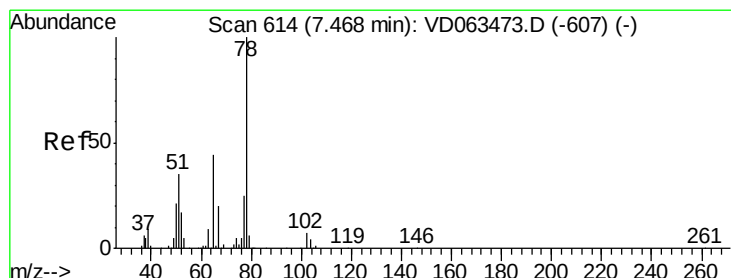
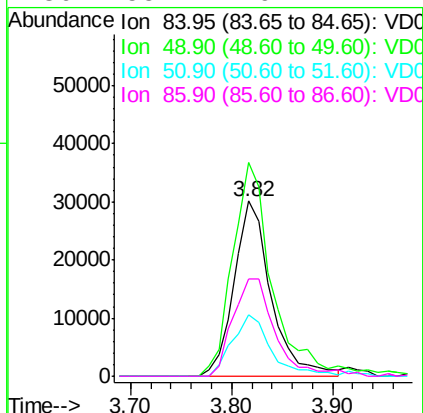




#20
Methylene Chloride
Concen: 7.642 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063536.D
Acq: 13 Aug 2019 19:20

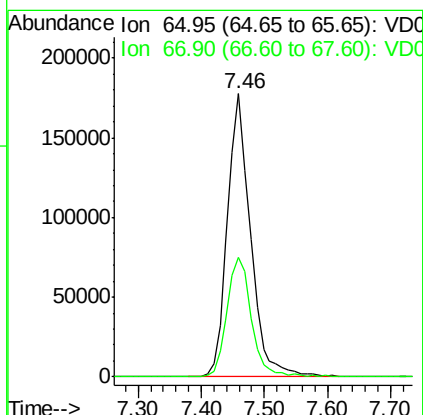
Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-CONTAINMENT-S

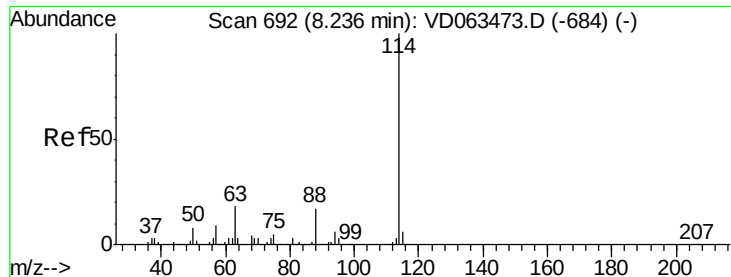
Tot Ion:	84	Resp:	76821
Ion	Ratio	Lower	Upper
84	100		
49	121.9	103.4	155.2
51	35.4	28.5	42.7
86	55.4	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 39.546 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063536.D
Acq: 13 Aug 2019 19:20

Tgt Ion:	65	Resp:	452235
Ion	Ratio	Lower	Upper
65	100		
67	42.2	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063536.D

Acq: 13 Aug 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

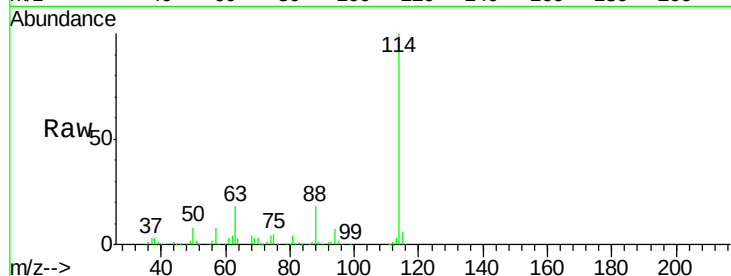
Tot Ion:114 Resp: 1465285

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.2

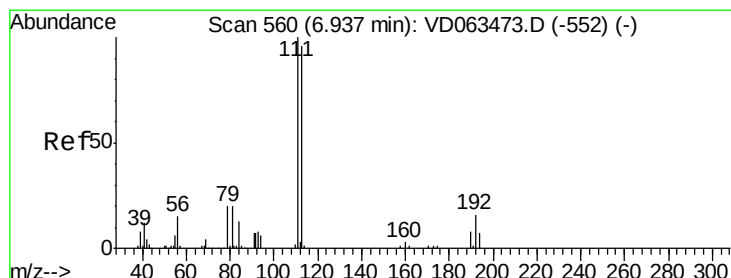
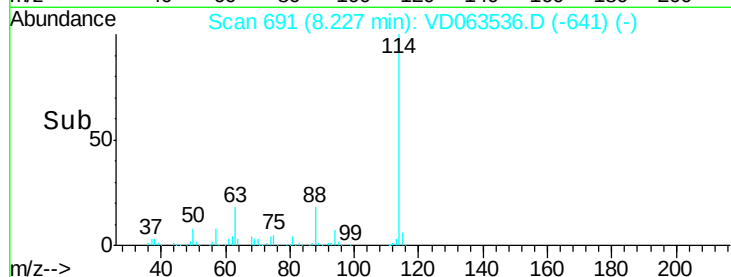
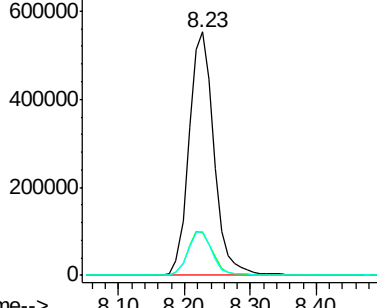
88 18.2 0.0 35.0



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: 42.934 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063536.D

Acq: 13 Aug 2019 19:20

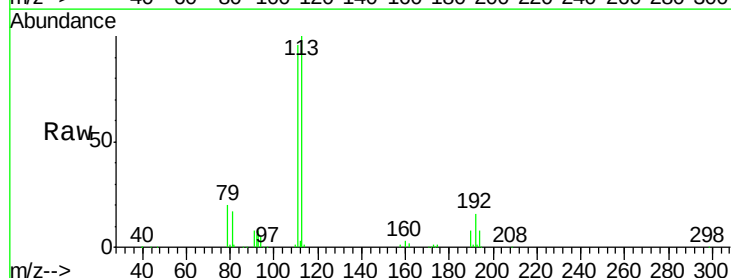
Tgt Ion:113 Resp: 529837

Ion Ratio Lower Upper

113 100

111 95.7 83.1 124.7

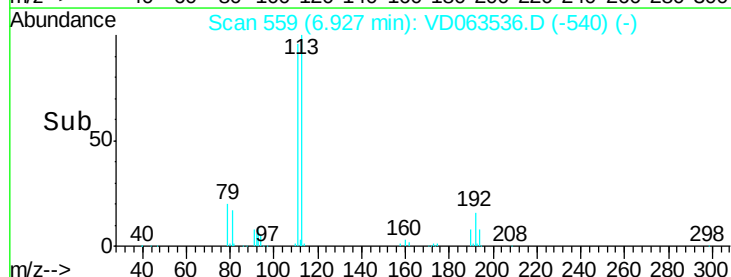
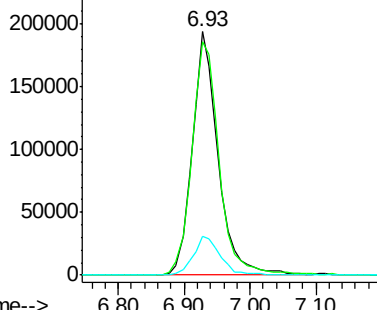
192 15.9 13.1 19.7

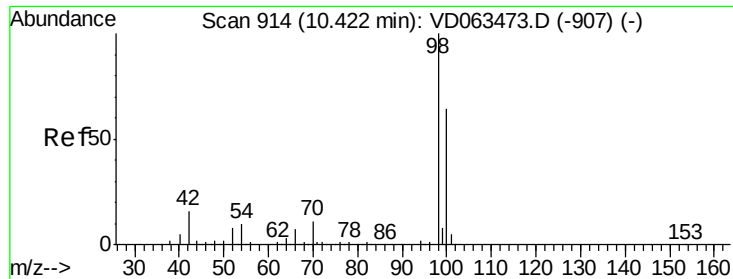


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

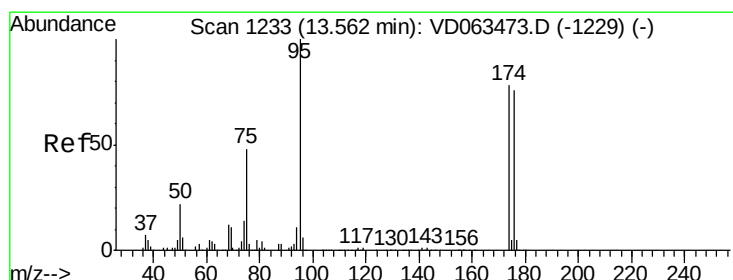
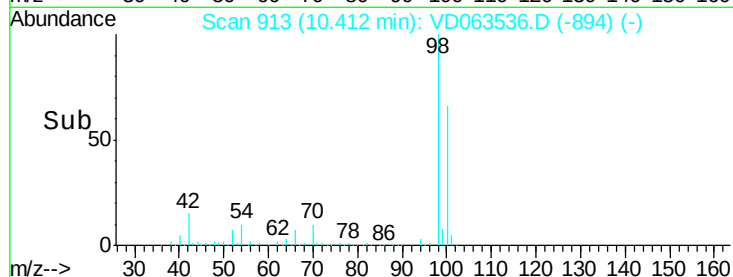
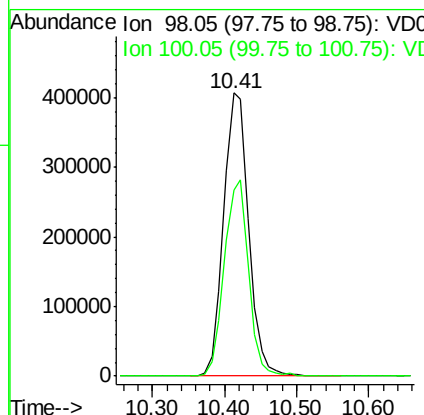
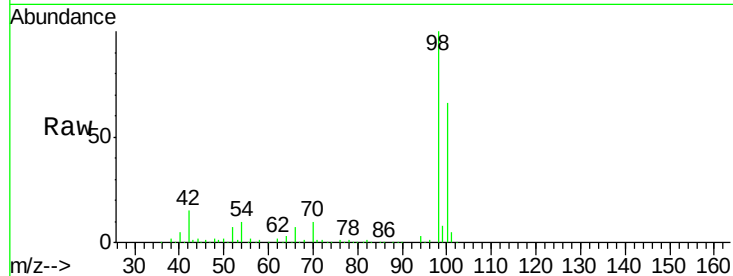




#50
Toluene-d8
Concen: 35.919 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063536.D
Acq: 13 Aug 2019 19:20

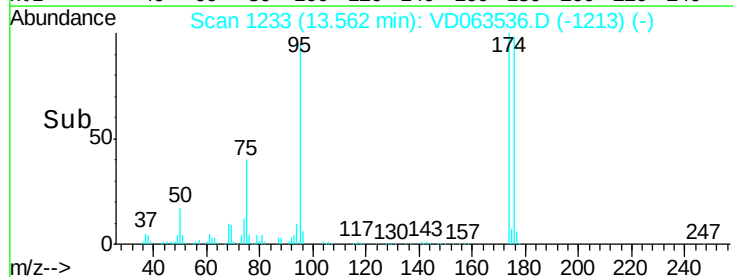
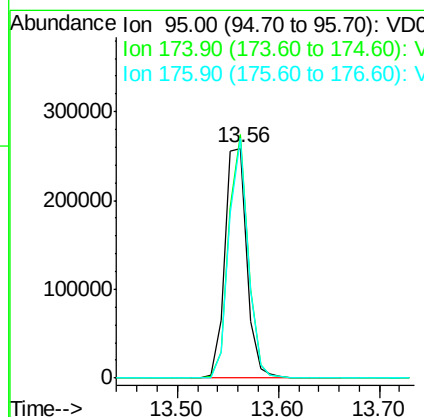
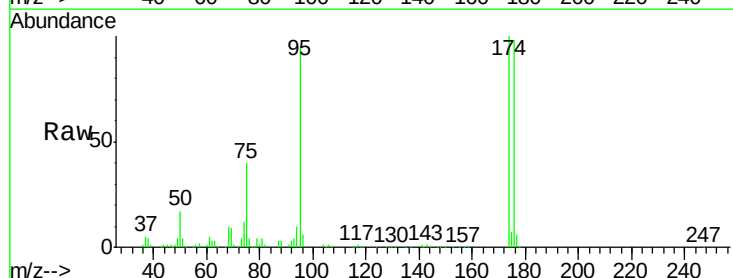
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MSVOA_D
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TRANSFORMER-CONTAINMENT-S

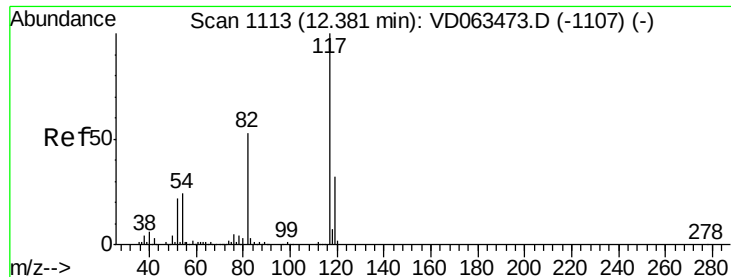
Tot Ion: 98 Resp: 974534
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 31.950 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063536.D
Acq: 13 Aug 2019 19:20

Tgt Ion: 95 Resp: 392899
Ion Ratio Lower Upper
95 100
174 105.8 0.0 155.4
176 104.0 0.0 152.4

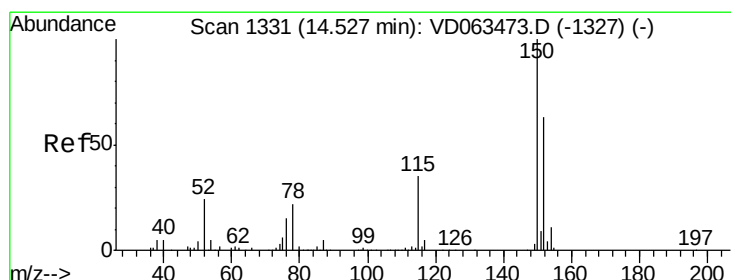
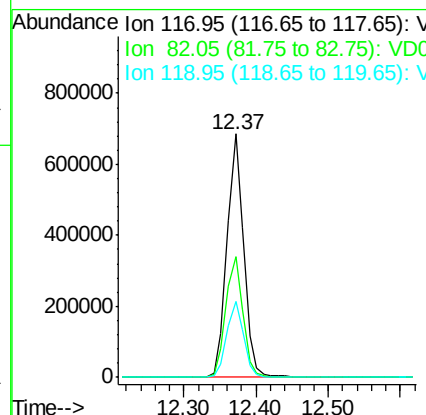
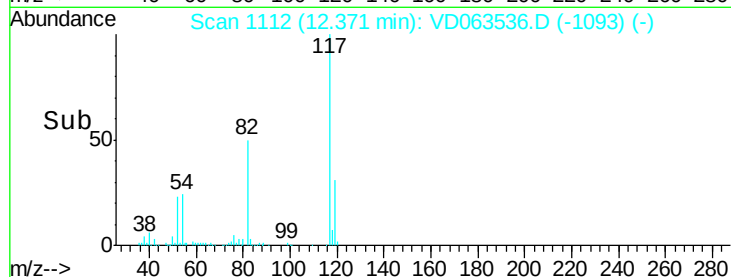
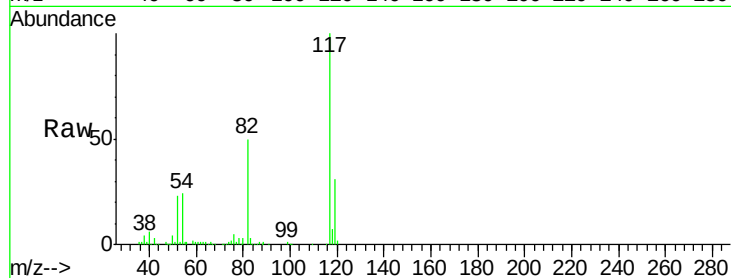




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063536.D
Acq: 13 Aug 2019 19:20

Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-CONTAINMENT-S

Tot Ion:117 Resp: 1095047
Ion Ratio Lower Upper
117 100
82 49.8 42.0 63.0
119 31.2 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: VD063536.D
Acq: 13 Aug 2019 19:20

Tgt Ion:152 Resp: 523233
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.7
150 155.6 0.0 318.6

