

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061029.D
 Acq On : 12 Mar 2019 17:31
 Operator : VA/AP
 Sample : K1824-09
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28

Quant Time: Mar 13 04:45:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

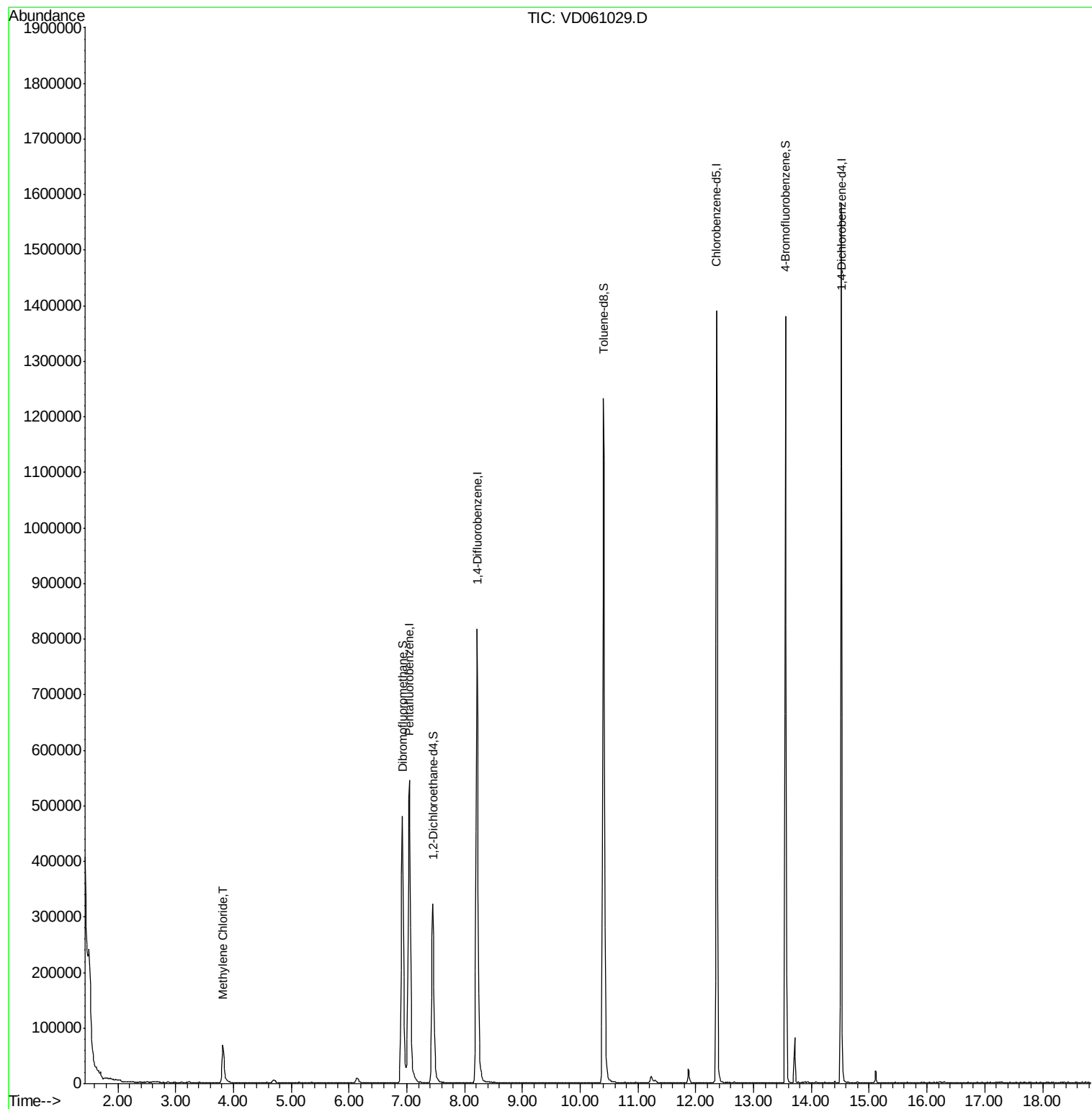
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	581247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1033749	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	857332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	376905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	308717	63.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.62%	
35) Dibromofluoromethane	6.93	113	477009	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	
50) Toluene-d8	10.40	98	1119839	58.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.26%	
62) 4-Bromofluorobenzene	13.55	95	420221	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
Target Compounds						
20) Methylene Chloride	3.82	84	49472	3.506	ug/l	Qvalue 96

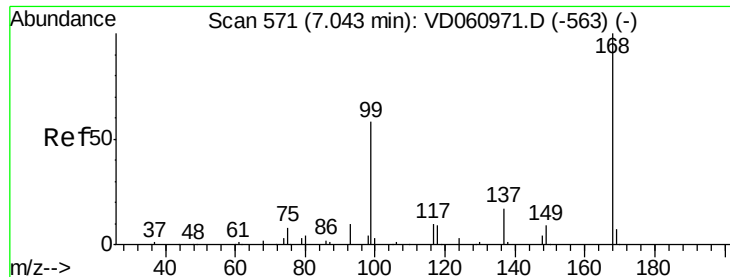
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061029.D

Acq: 12 Mar 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

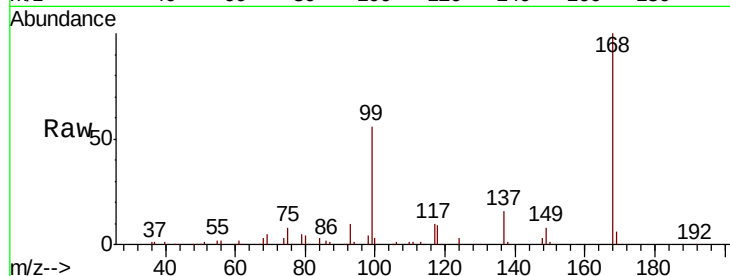
TP-28

Tgt Ion:168 Resp: 581247

Ion Ratio Lower Upper

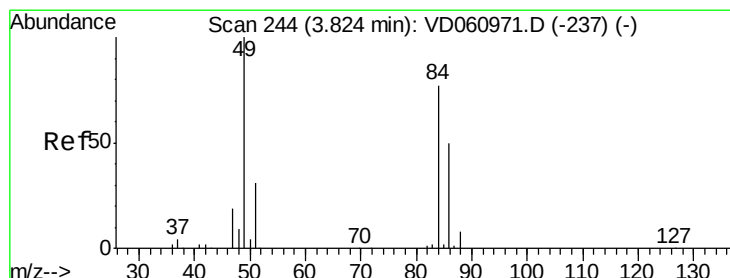
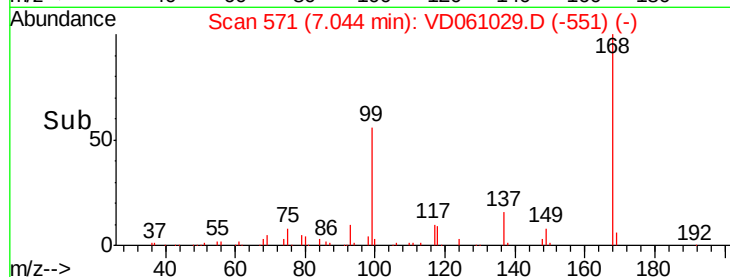
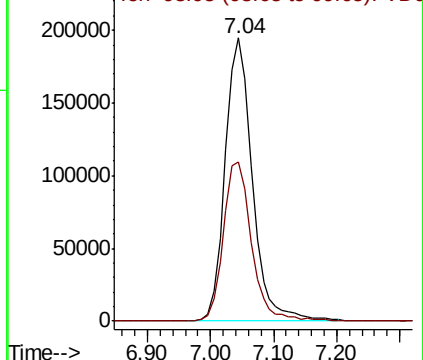
168 100

99 56.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.506 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061029.D

Acq: 12 Mar 2019 17:31

Tgt Ion: 84 Resp: 49472

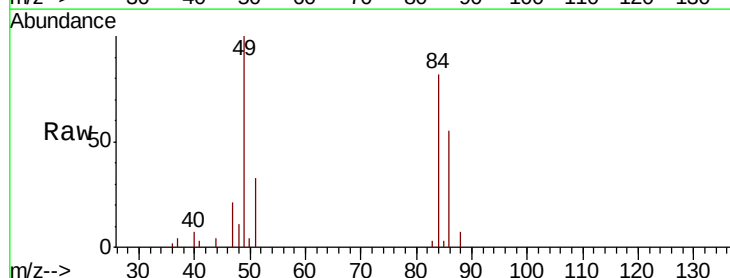
Ion Ratio Lower Upper

84 100

49 122.2 104.2 156.2

51 40.4 32.3 48.5

86 67.0 52.3 78.5

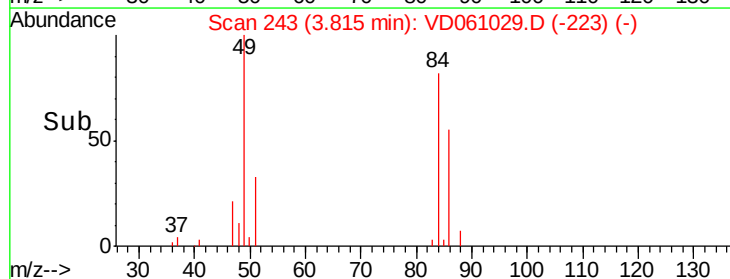
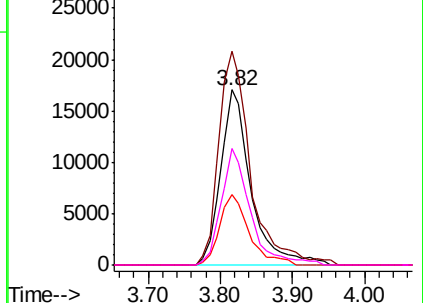


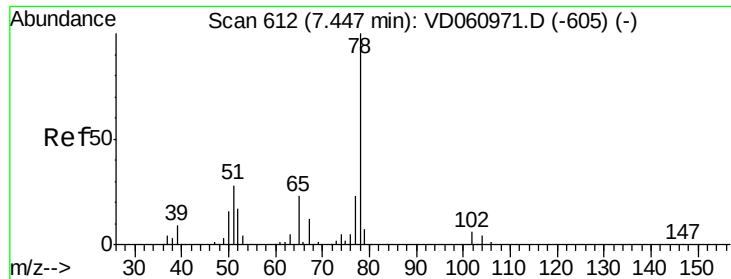
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

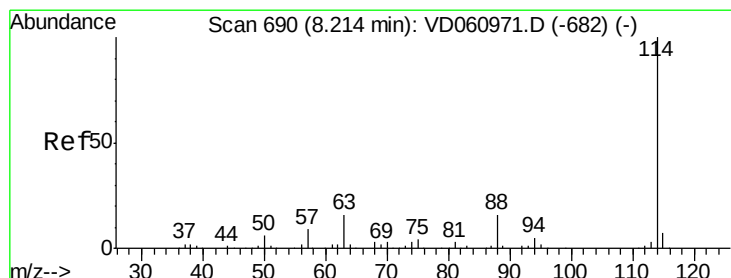
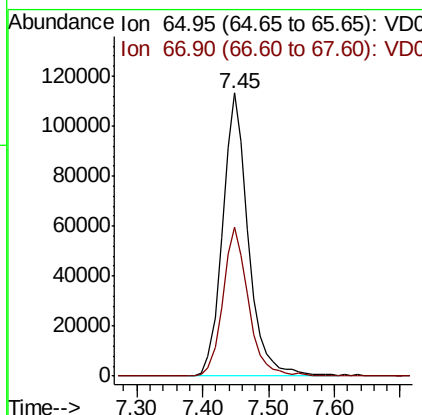
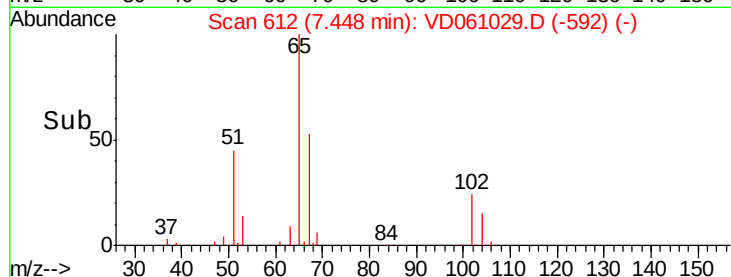
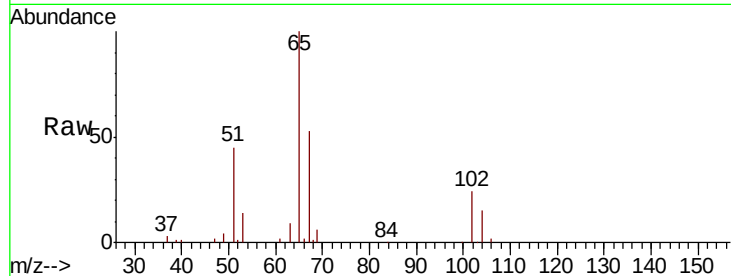




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061029.D
 Acq: 12 Mar 2019 17:31

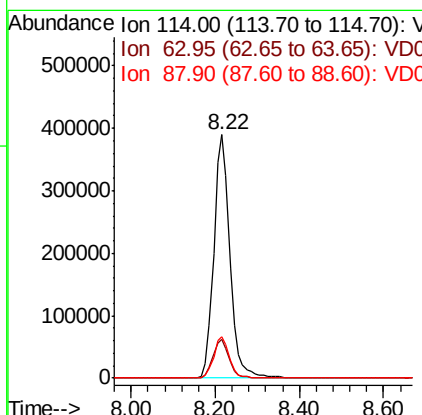
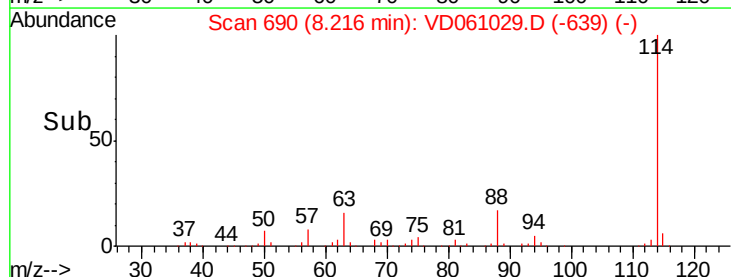
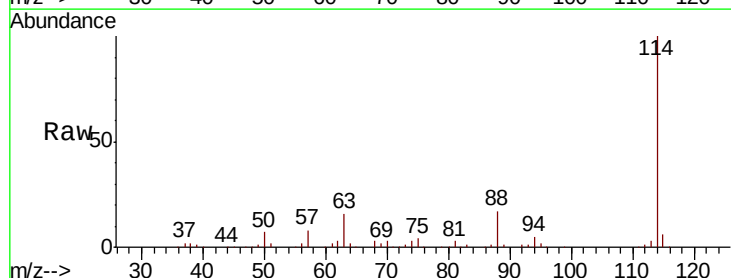
Instrument :
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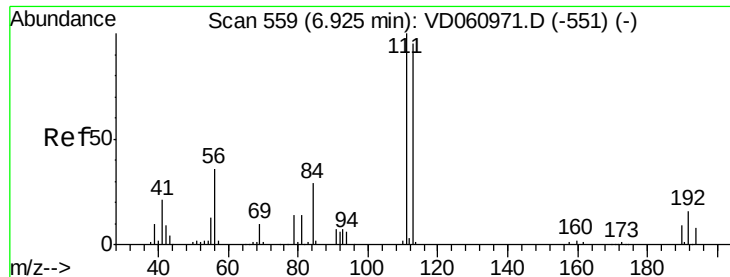
Tgt Ion: 65 Resp: 308717
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061029.D
 Acq: 12 Mar 2019 17:31

Tgt Ion: 114 Resp: 1033749
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.4
 88 16.8 0.0 33.0

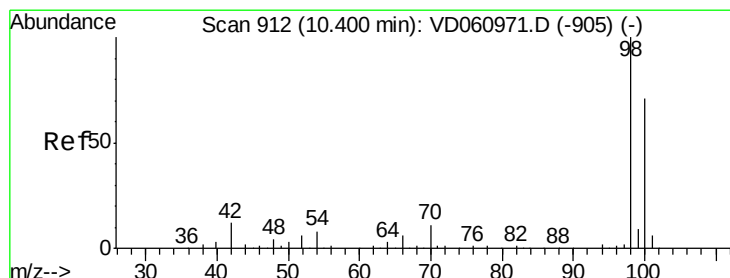
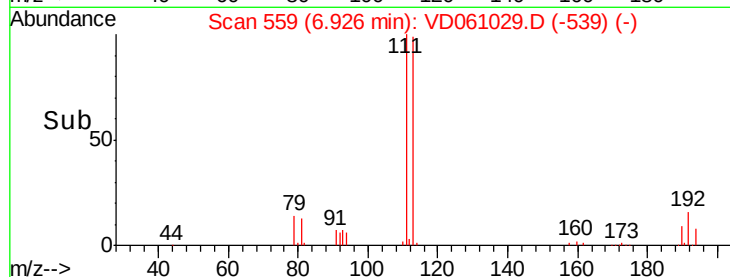
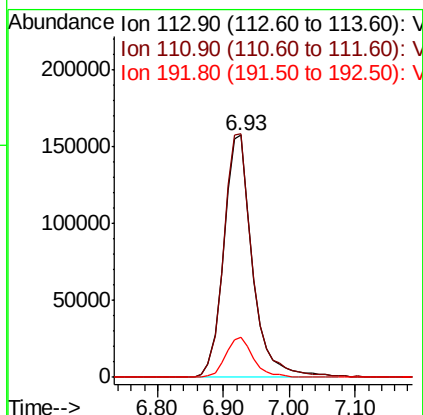
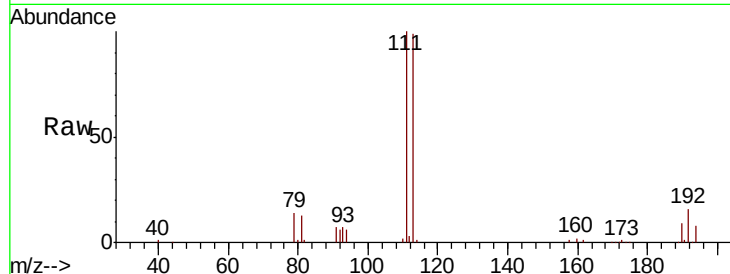




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061029.D
 Acq: 12 Mar 2019 17:31

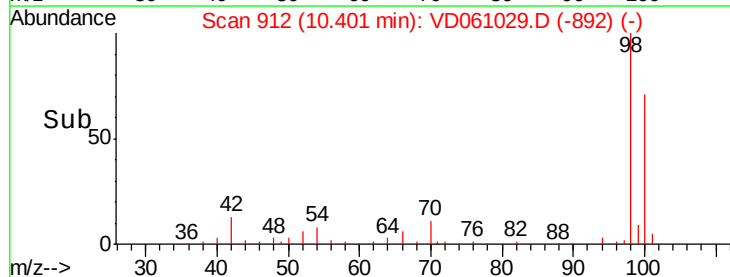
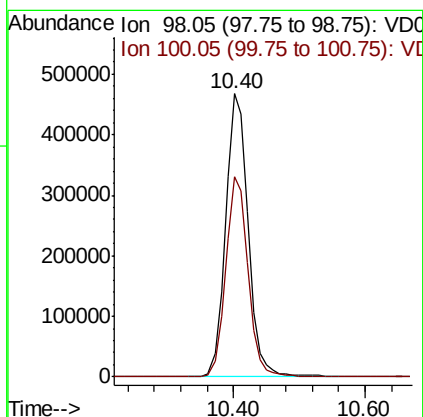
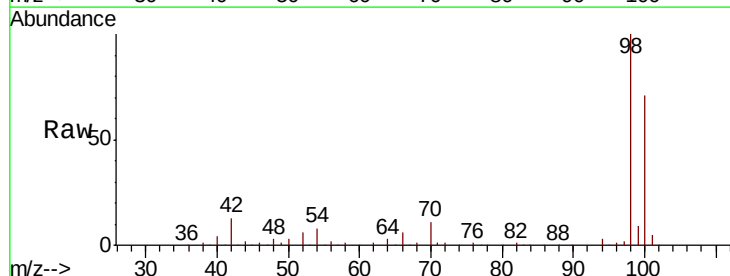
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28

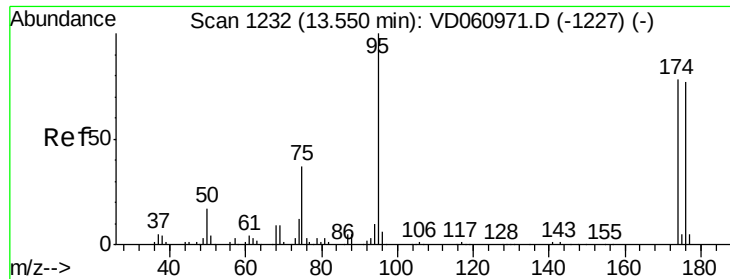
Tgt Ion:113 Resp: 477009
 Ion Ratio Lower Upper
 113 100
 111 100.7 84.2 126.4
 192 16.4 13.1 19.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD061029.D
 Acq: 12 Mar 2019 17:31

Tgt Ion: 98 Resp: 1119839
 Ion Ratio Lower Upper
 98 100
 100 70.6 57.4 86.2





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061029.D

Acq: 12 Mar 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

TP-28

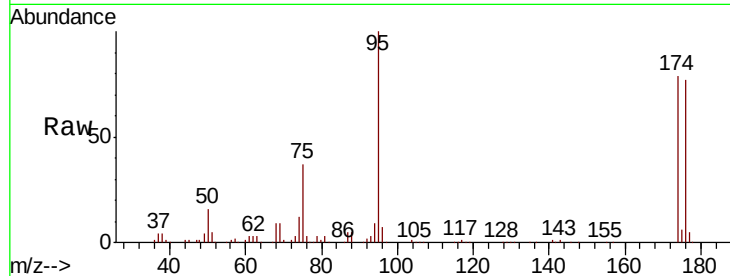
Tgt Ion: 95 Resp: 420221

Ion Ratio Lower Upper

95 100

174 78.7 0.0 155.6

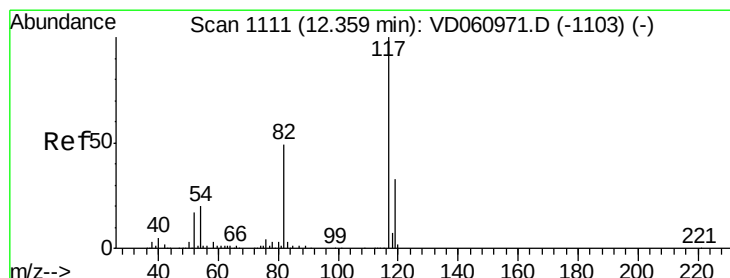
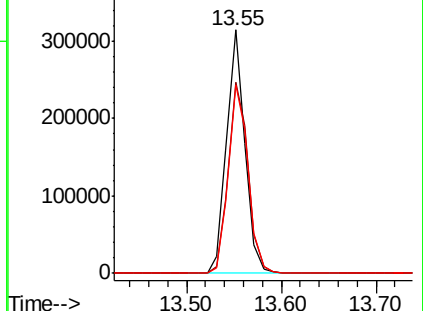
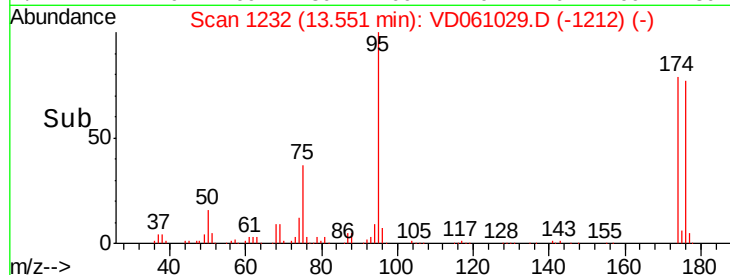
176 77.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061029.D

Acq: 12 Mar 2019 17:31

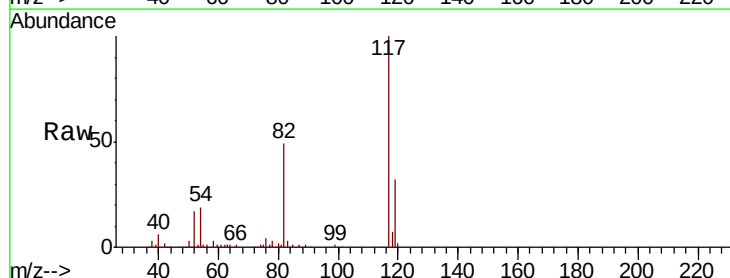
Tgt Ion: 117 Resp: 857332

Ion Ratio Lower Upper

117 100

82 48.6 38.9 58.3

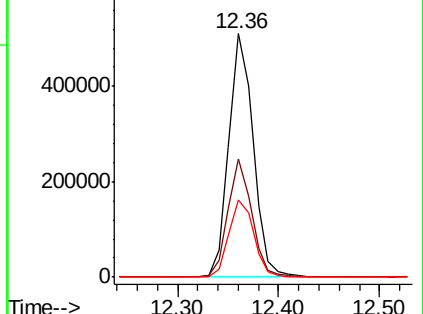
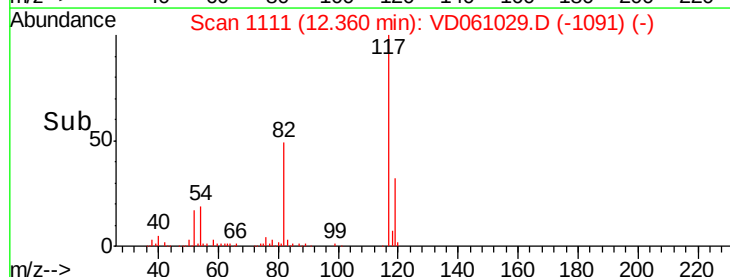
119 31.7 26.6 39.8

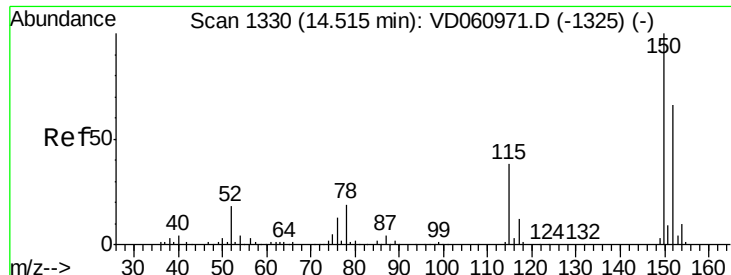


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061029.D
 Acq: 12 Mar 2019 17:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.6	85.9
150	157.4	0.0	310.6

