

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061028.D
 Acq On : 12 Mar 2019 17:04
 Operator : VA/AP
 Sample : K1824-07
 Misc : 5.05g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-27

Quant Time: Mar 13 04:44:08 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

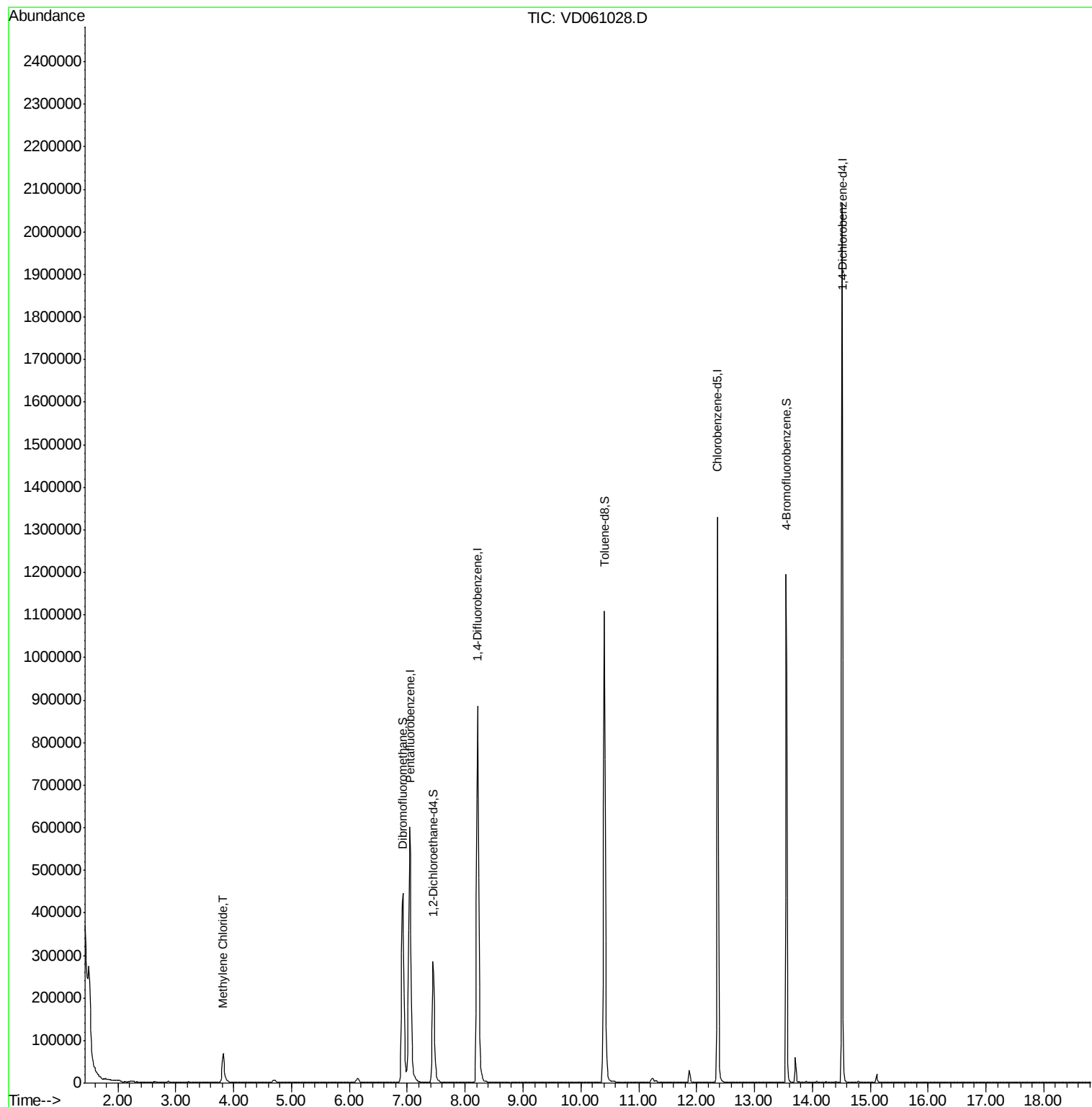
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	636901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1125640	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	884568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	446127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	279832	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
35) Dibromofluoromethane	6.92	113	433423	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	10.41	98	1017090	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	13.55	95	398079	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
Target Compounds						
20) Methylene Chloride	3.81	84	52214	3.187	ug/l	Qvalue 92

(#) = 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: VD061028.D

Acq: 12 Mar 2019 17:04

Instrument :

MSVOA_D

ClientSampled :

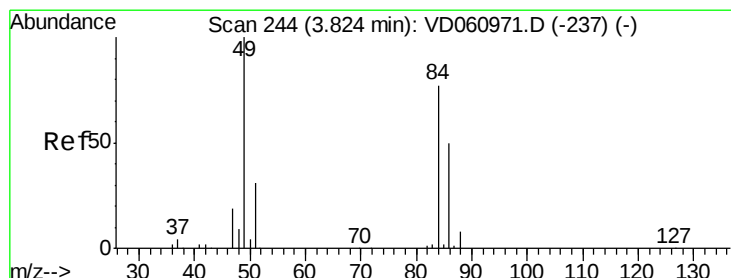
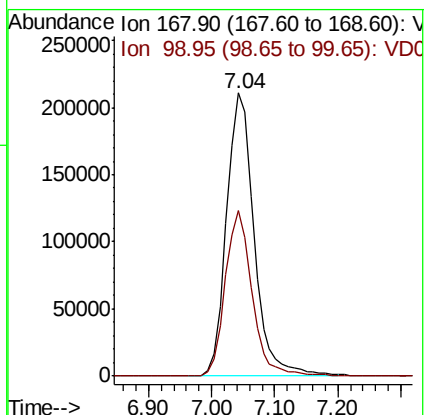
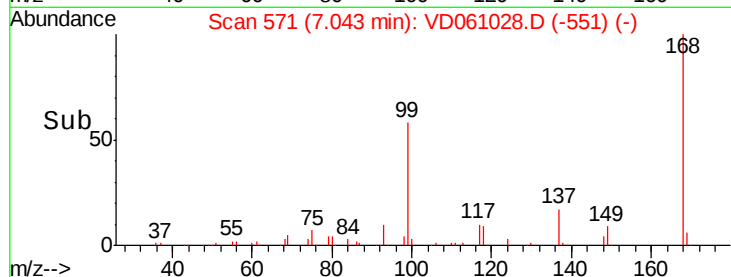
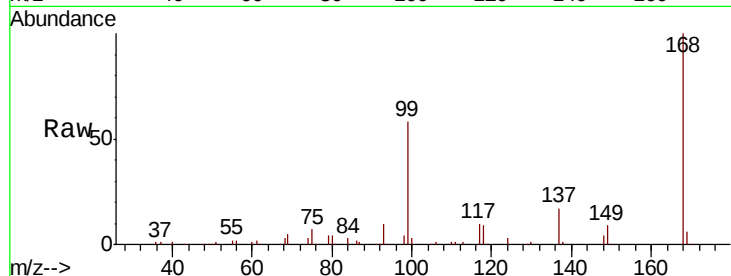
TP-27

Tgt Ion:168 Resp: 636901

Ion Ratio Lower Upper

168 100

99 58.3 47.3 70.9



#20

Methylene Chloride

Concen: 3.187 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061028.D

Acq: 12 Mar 2019 17:04

Tgt Ion: 84 Resp: 52214

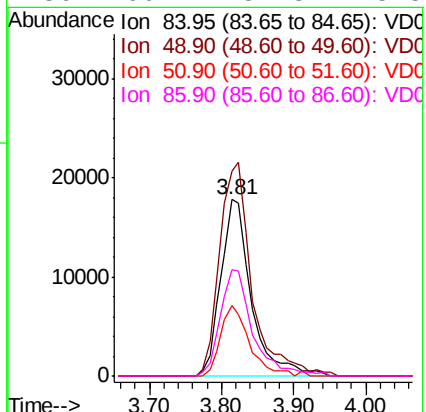
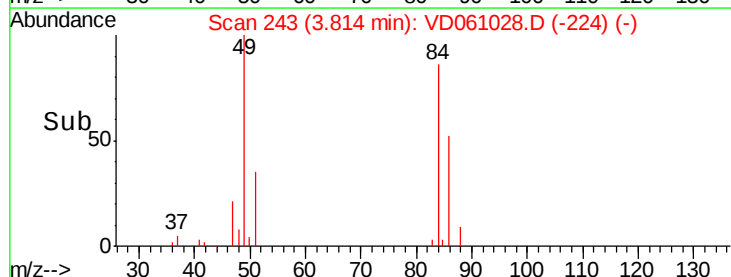
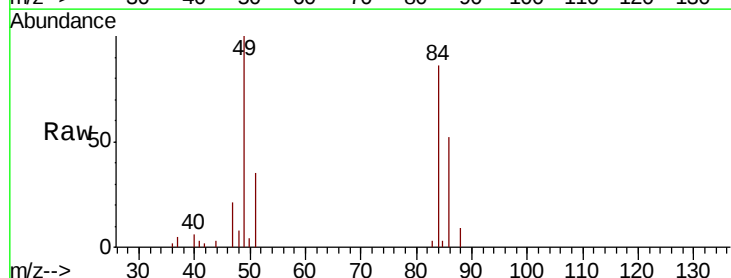
Ion Ratio Lower Upper

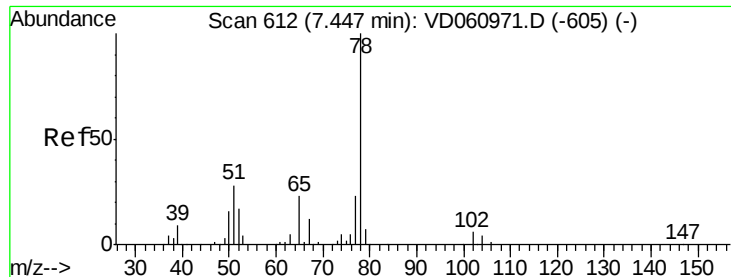
84 100

49 116.3 104.2 156.2

51 40.3 32.3 48.5

86 60.1 52.3 78.5

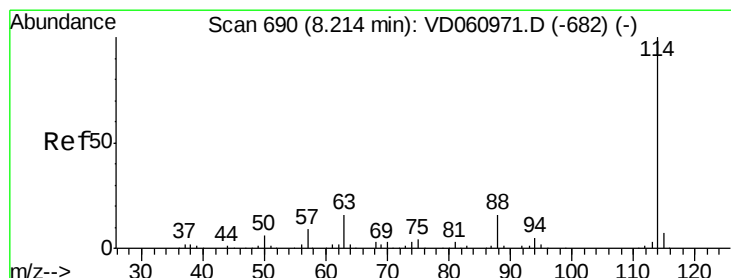
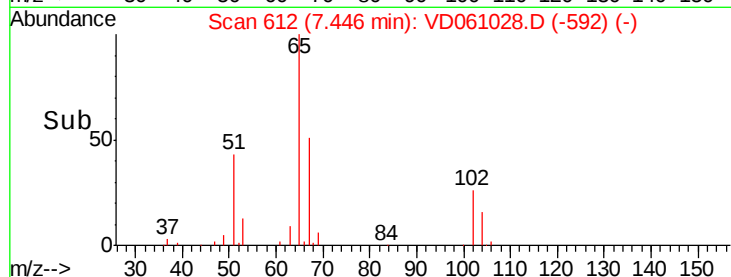
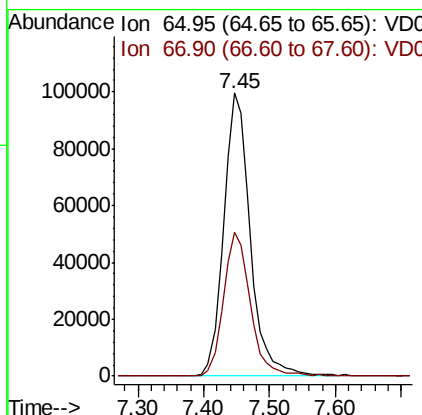
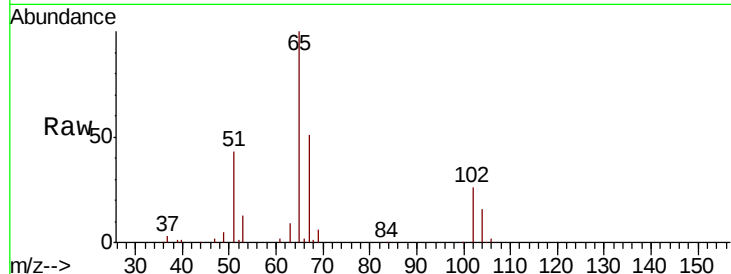




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061028.D
 Acq: 12 Mar 2019 17:04

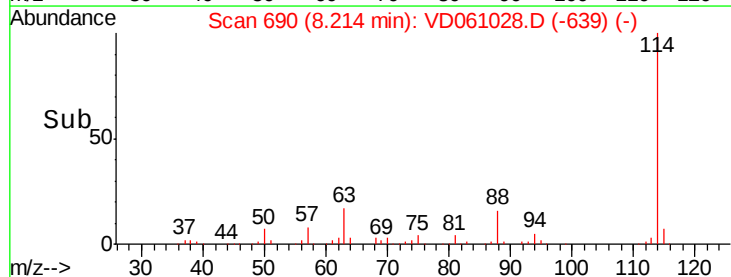
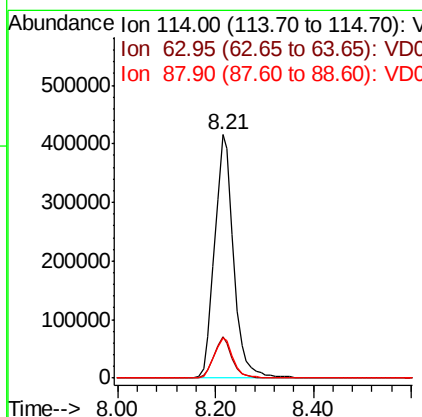
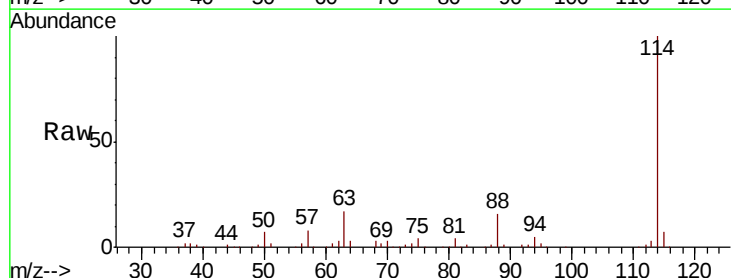
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-27

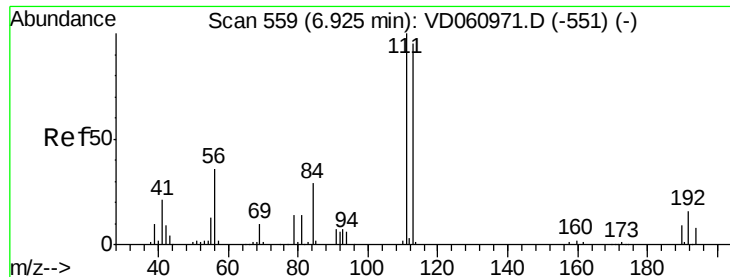
Tgt Ion: 65 Resp: 279832
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061028.D
 Acq: 12 Mar 2019 17:04

Tgt Ion: 114 Resp: 1125640
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 31.4
 88 16.3 0.0 33.0

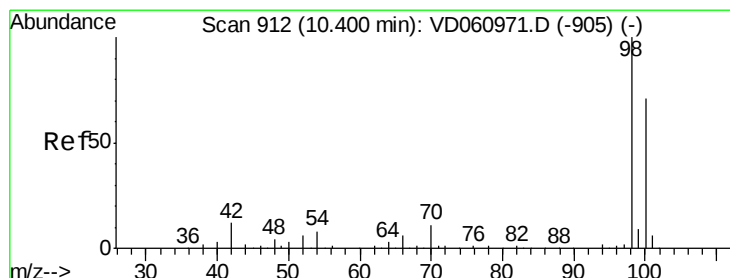
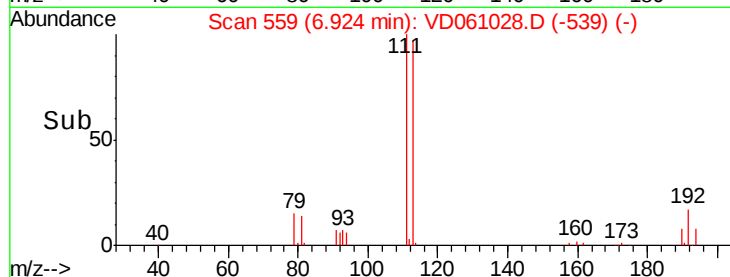
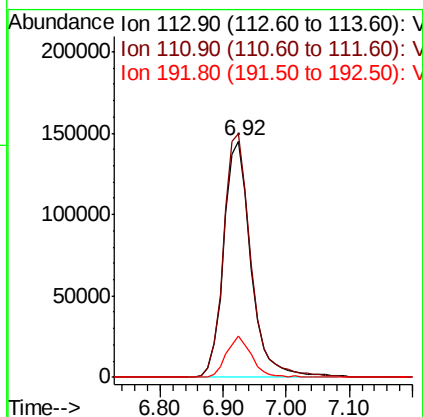
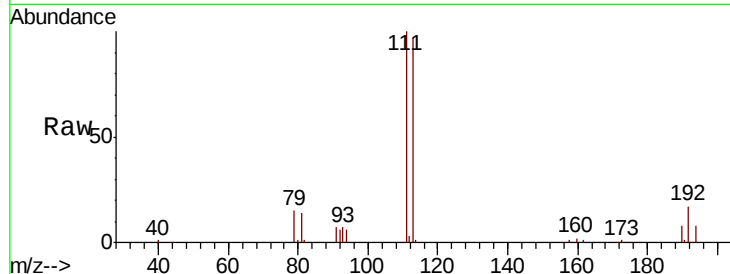




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061028.D
 Acq: 12 Mar 2019 17:04

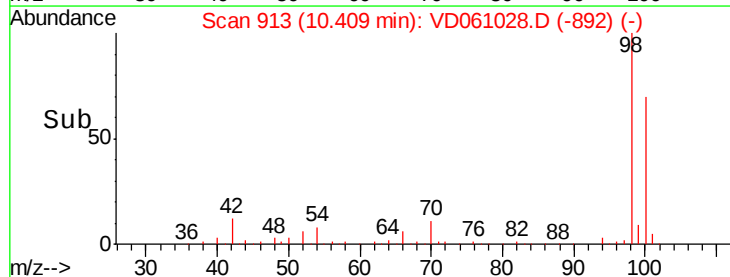
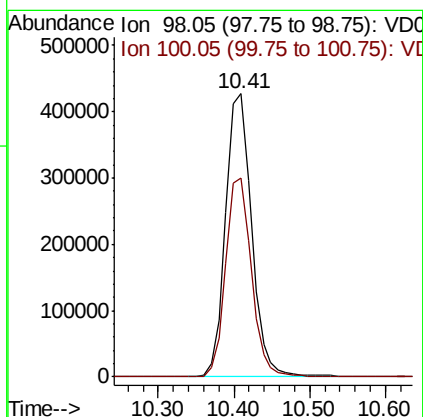
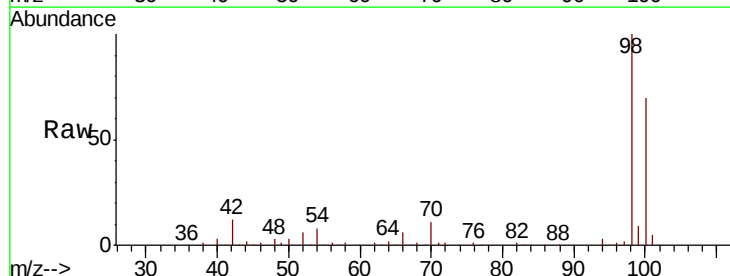
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-27

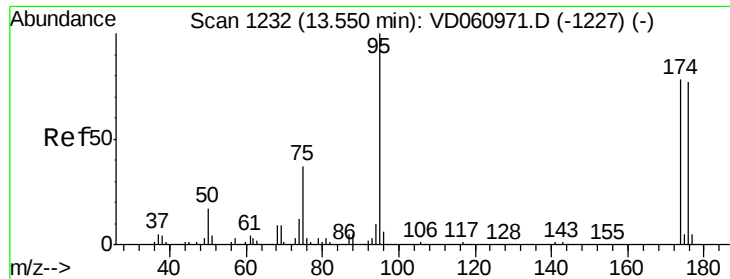
Tgt Ion:113 Resp: 433423
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.2 126.4
 192 17.3 13.1 19.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD061028.D
 Acq: 12 Mar 2019 17:04

Tgt Ion: 98 Resp: 1017090
 Ion Ratio Lower Upper
 98 100
 100 70.2 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: VD061028.D

Acq: 12 Mar 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

TP-27

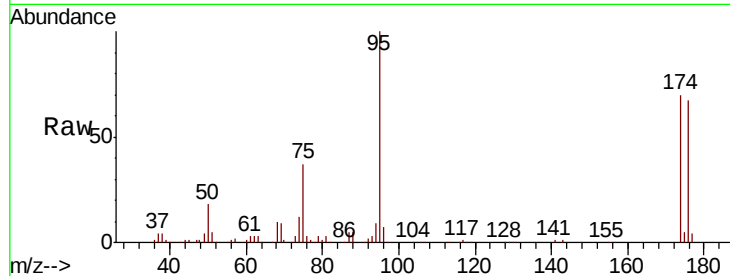
Tgt Ion: 95 Resp: 398079

Ion Ratio Lower Upper

95 100

174 70.4 0.0 155.6

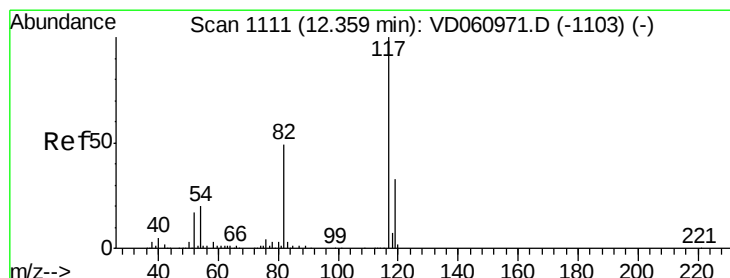
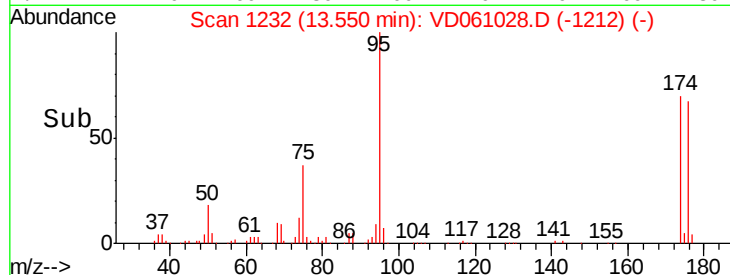
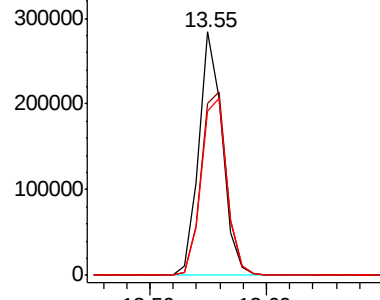
176 67.2 0.0 153.8



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: VD061028.D

Acq: 12 Mar 2019 17:04

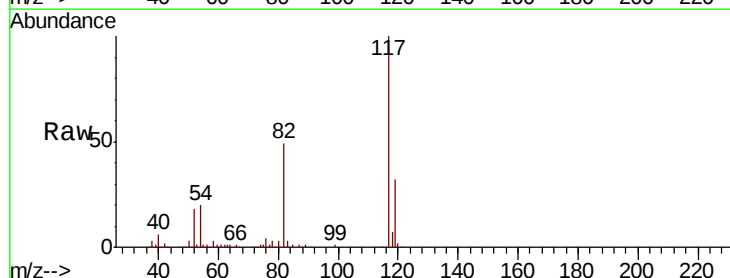
Tgt Ion: 117 Resp: 884568

Ion Ratio Lower Upper

117 100

82 49.0 38.9 58.3

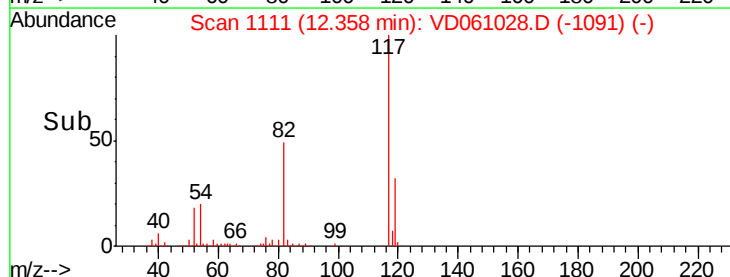
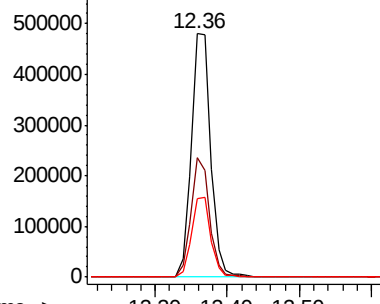
119 32.4 26.6 39.8

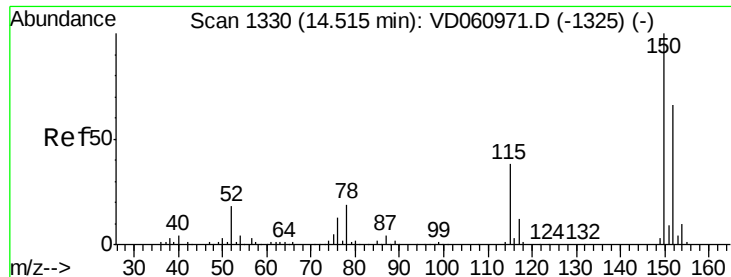


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

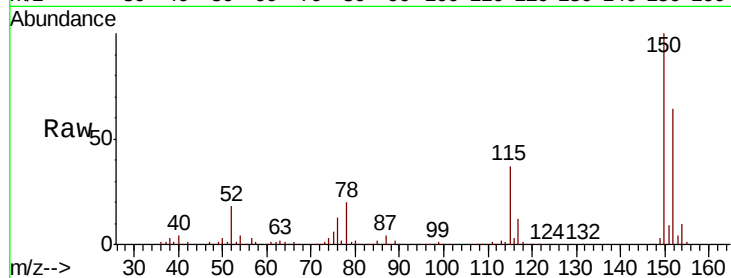




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061028.D
 Acq: 12 Mar 2019 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.6	85.9
150	156.9	0.0	310.6



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

