

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061229.D
 Acq On : 21 Mar 2019 2:48
 Operator : VA/AP
 Sample : K1688-25
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-C

Quant Time: Mar 22 03:47:19 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

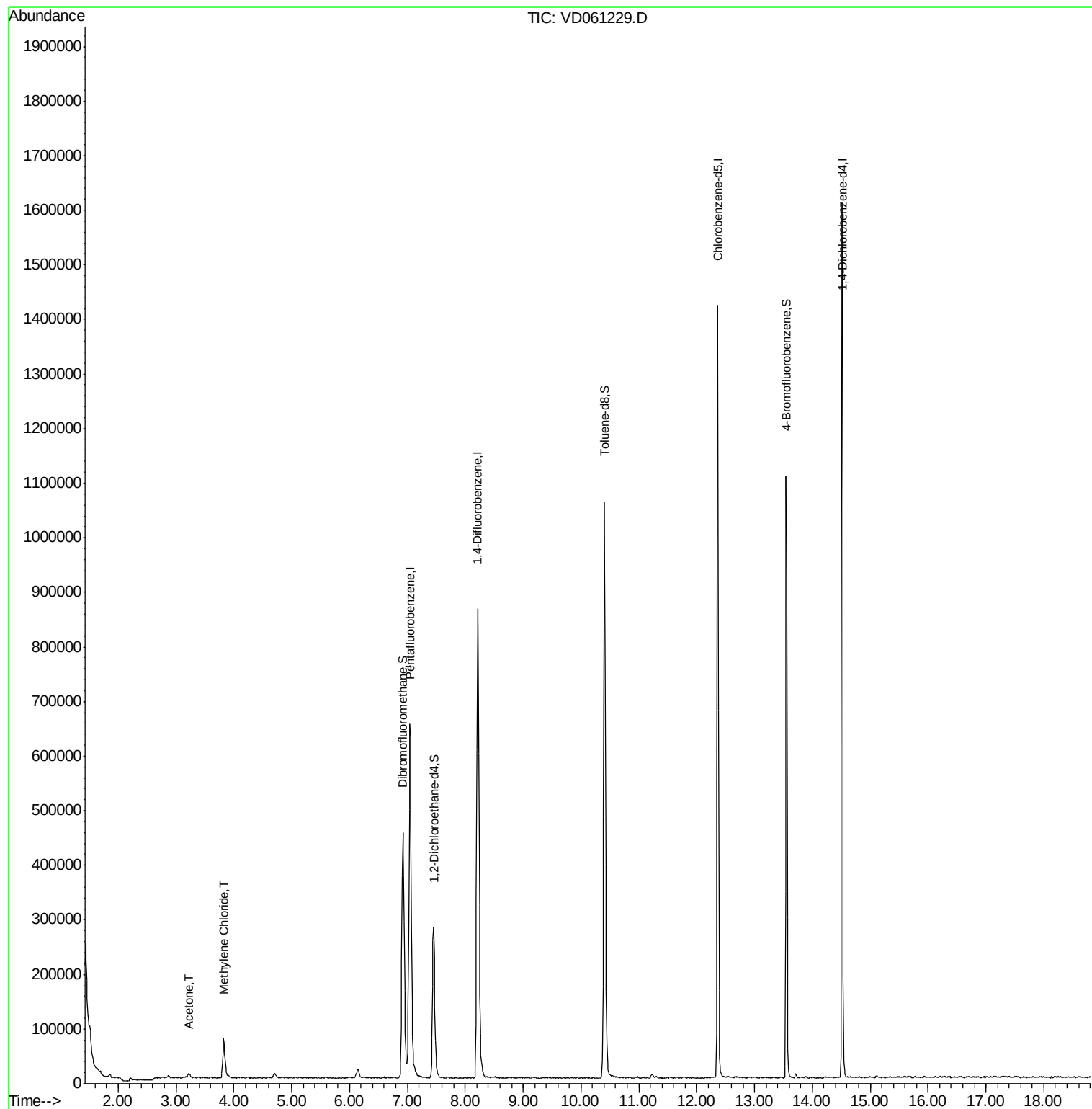
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	694380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1173425	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	945660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	377772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	275753	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
35) Dibromofluoromethane	6.92	113	442580	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.41	98	932897	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
62) 4-Bromofluorobenzene	13.55	95	364827	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
Target Compounds						
16) Acetone	3.23	43	15506	9.382	ug/l #	89
20) Methylene Chloride	3.82	84	54545	2.839	ug/l	92

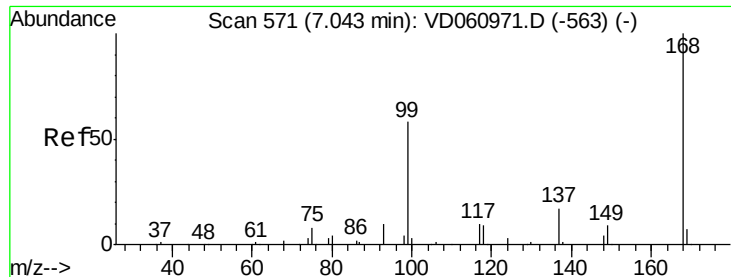
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

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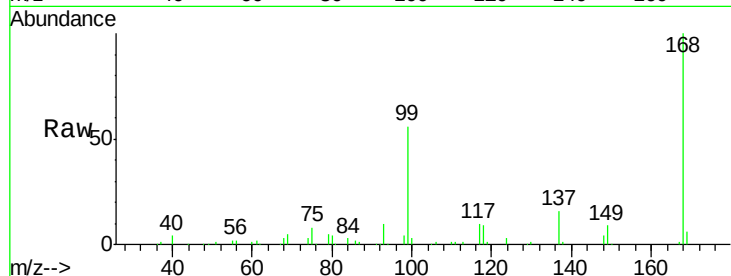
JC-02-031919-C

Tot Ion:168 Resp: 694380

Ion Ratio Lower Upper

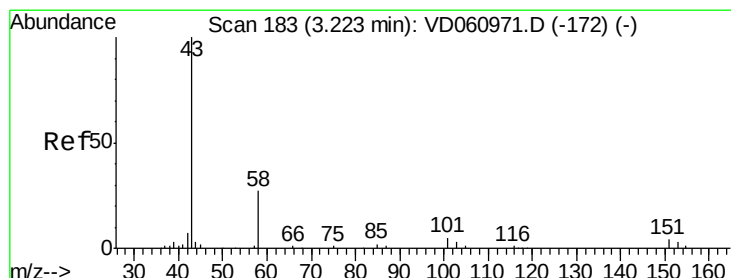
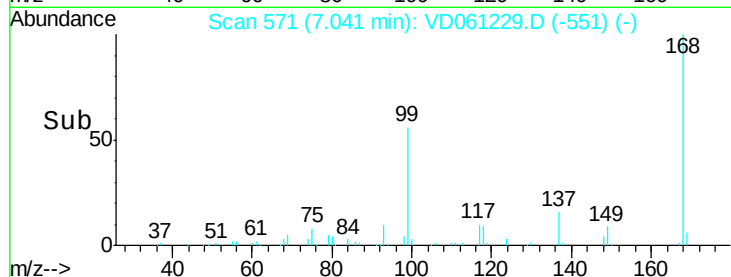
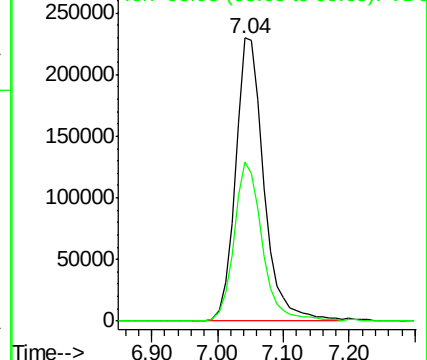
168 100

99 56.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 9.382 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061229.D

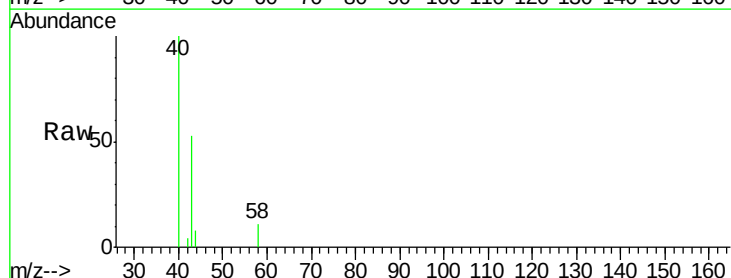
Acq: 21 Mar 2019 2:48

Tgt Ion: 43 Resp: 15506

Ion Ratio Lower Upper

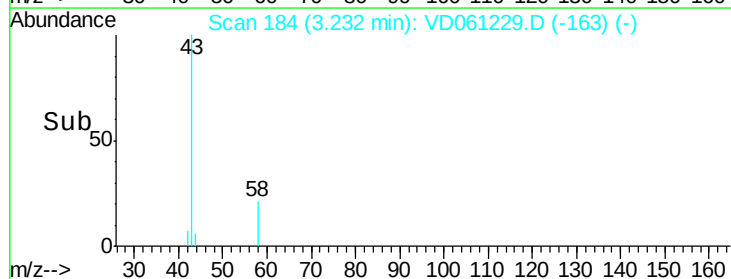
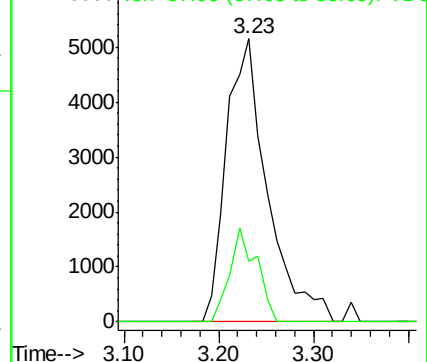
43 100

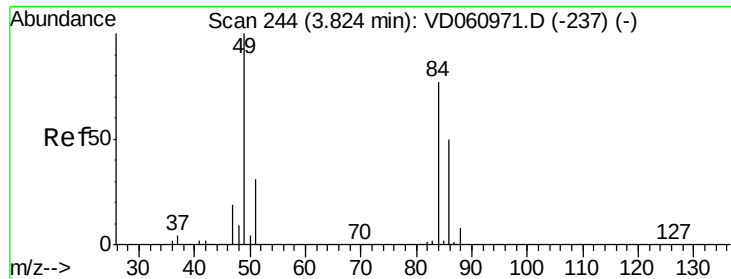
58 21.5 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

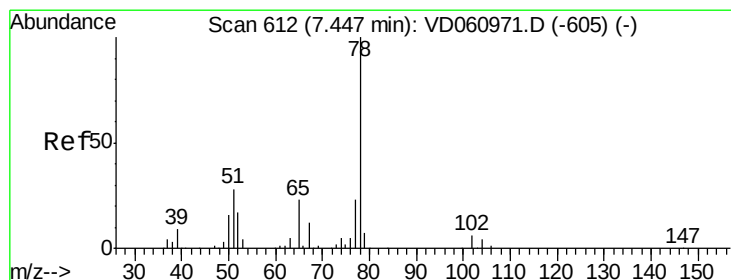
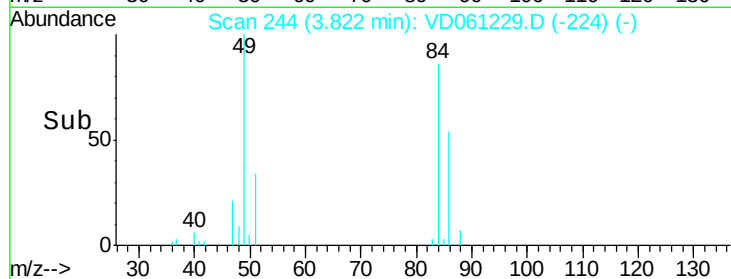
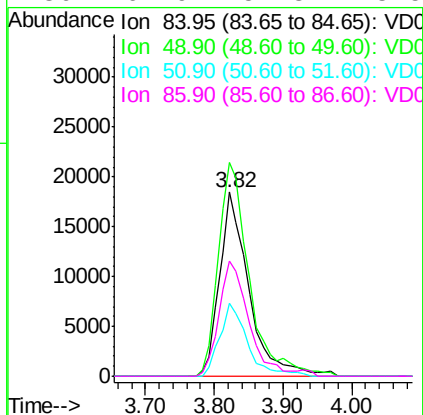
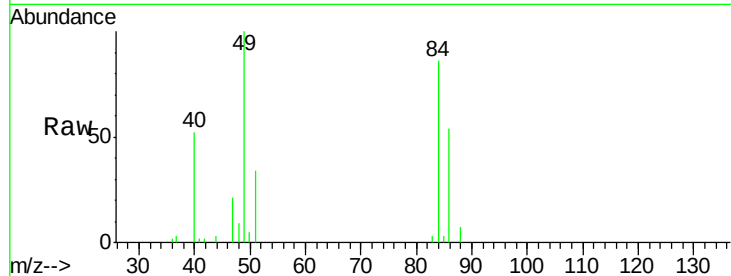




#20
Methylene Chloride
Concen: 2.839 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061229.D
Acq: 21 Mar 2019 2:48

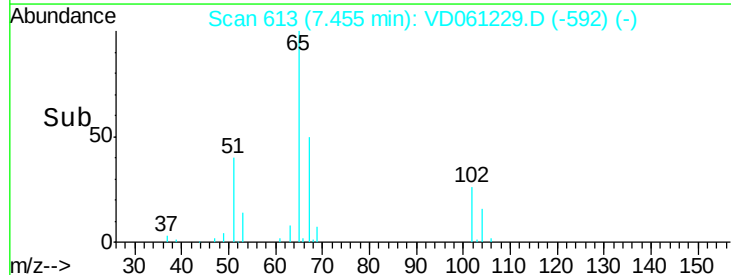
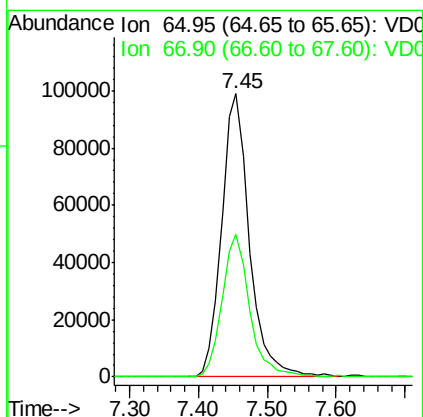
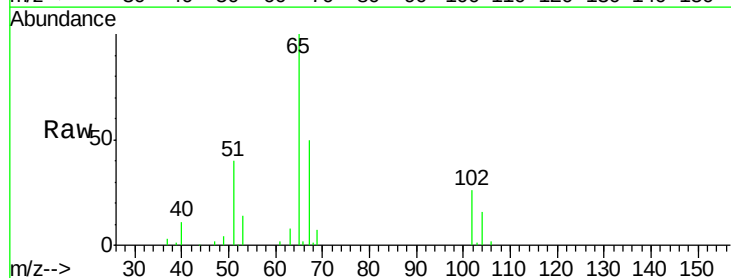
Instrument :
MSVOA_D
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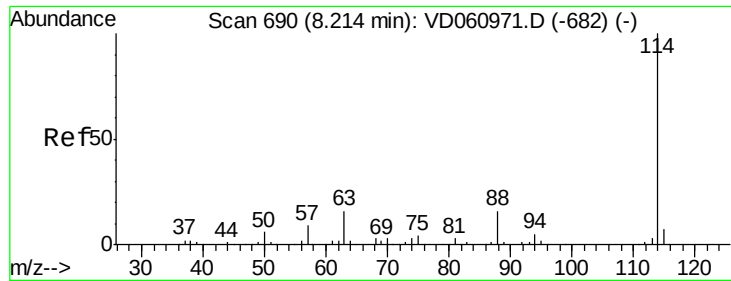
Tot Ion: 84 Resp: 54545
Ion Ratio Lower Upper
84 100
49 115.9 104.2 156.2
51 39.9 32.3 48.5
86 62.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061229.D
Acq: 21 Mar 2019 2:48

Tgt Ion: 65 Resp: 275753
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.2

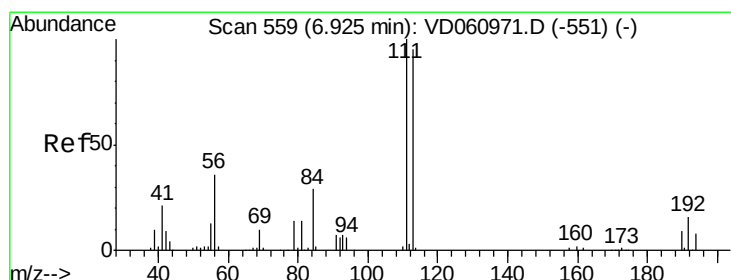
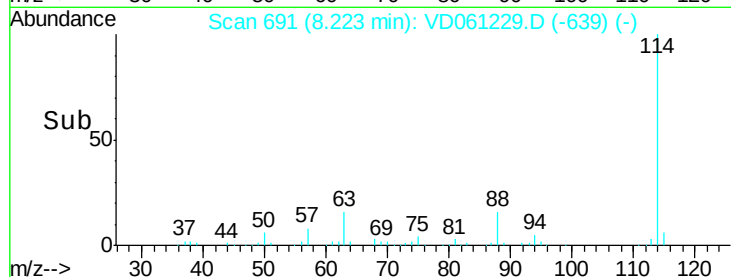
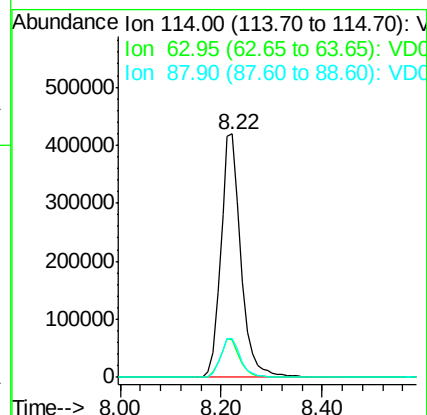
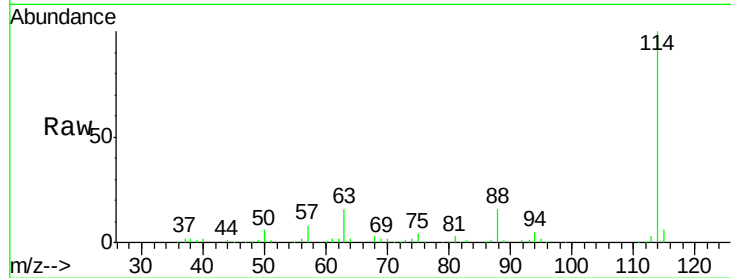




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061229.D
 Acq: 21 Mar 2019 2:48

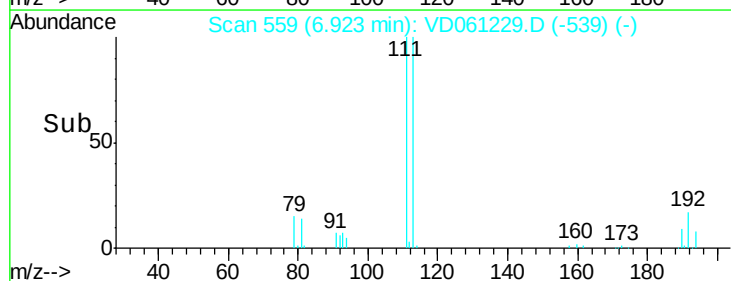
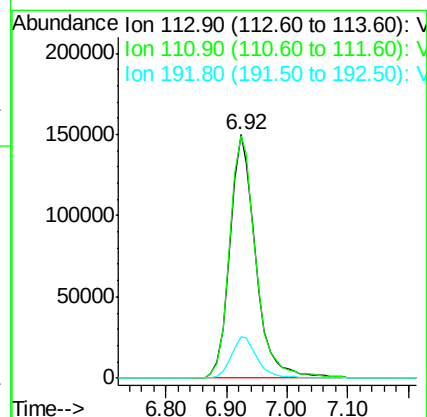
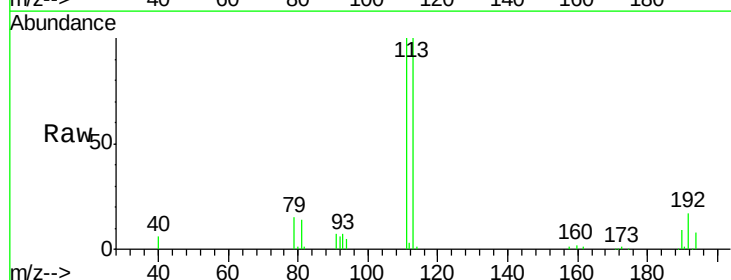
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-C

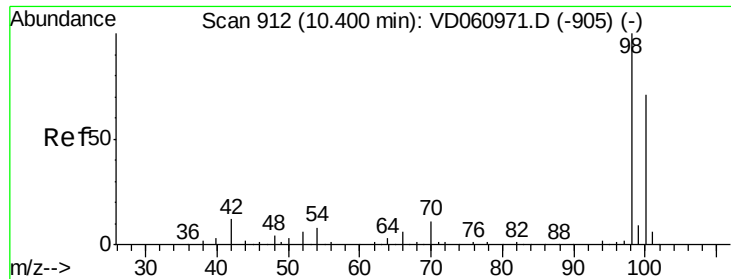
Tot Ion:114 Resp: 1173425
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 16.0 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061229.D
 Acq: 21 Mar 2019 2:48

Tgt Ion:113 Resp: 442580
 Ion Ratio Lower Upper
 113 100
 111 99.7 84.2 126.4
 192 17.0 13.1 19.7

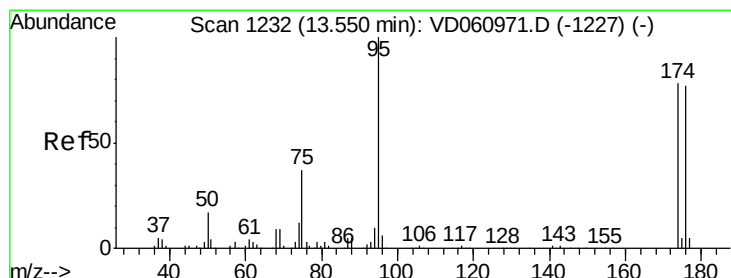
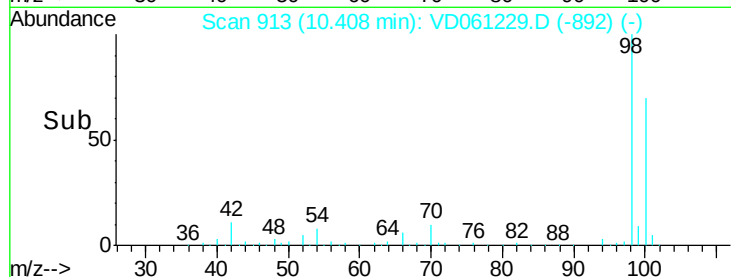
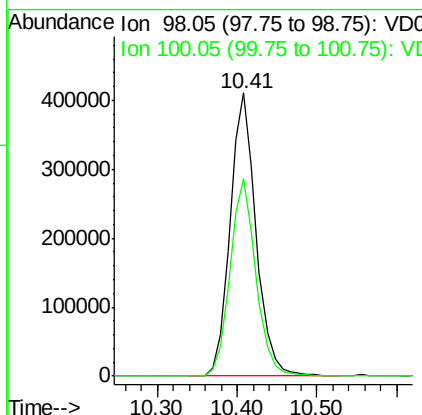
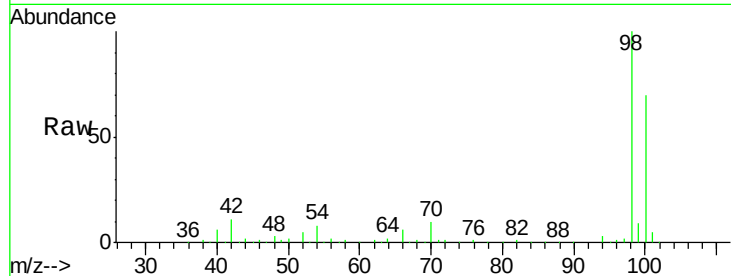




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061229.D
Acq: 21 Mar 2019 2:48

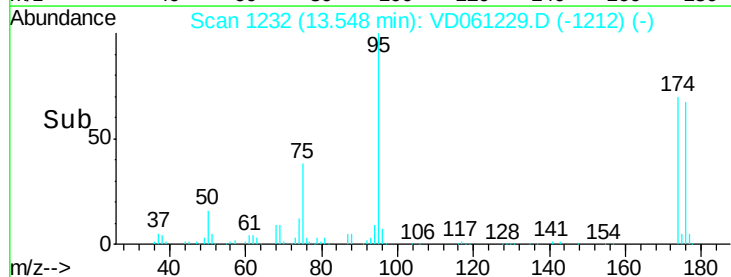
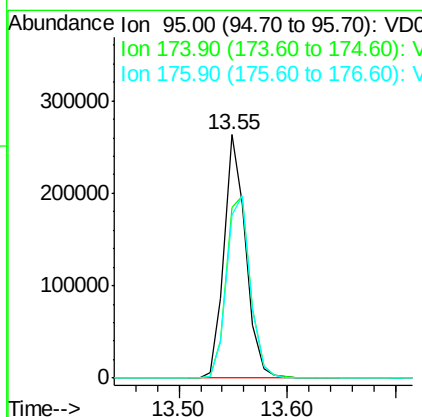
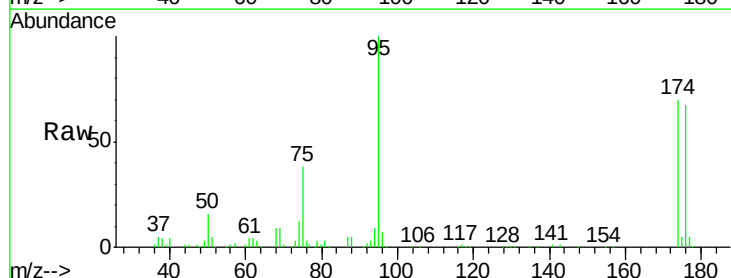
Instrument :
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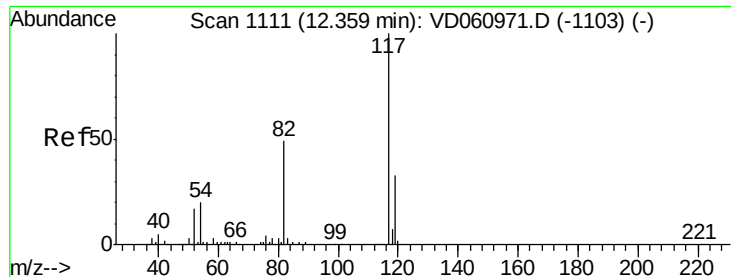
Tot Ion: 98 Resp: 932897
Ion Ratio Lower Upper
98 100
100 69.8 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061229.D
Acq: 21 Mar 2019 2:48

Tgt Ion: 95 Resp: 364827
Ion Ratio Lower Upper
95 100
174 70.1 0.0 155.6
176 66.8 0.0 153.8

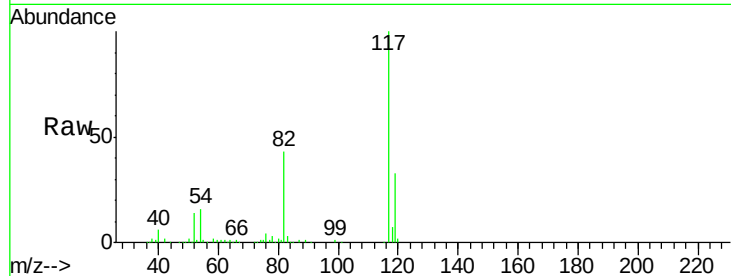




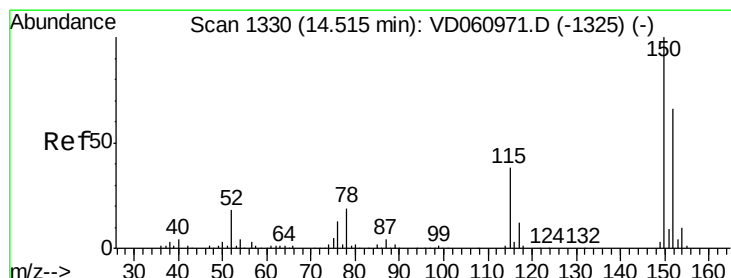
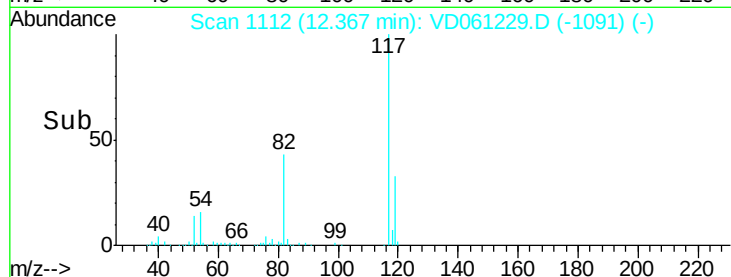
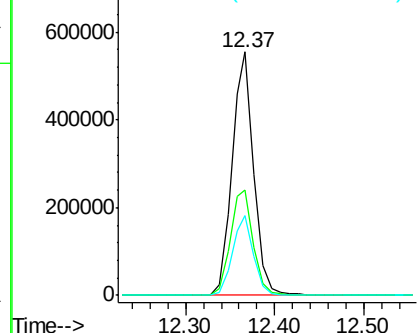
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061229.D
Acq: 21 Mar 2019 2:48

Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-C

Tot Ion:117 Resp: 945660
Ion Ratio Lower Upper
117 100
82 43.1 38.9 58.3
119 32.6 26.6 39.8

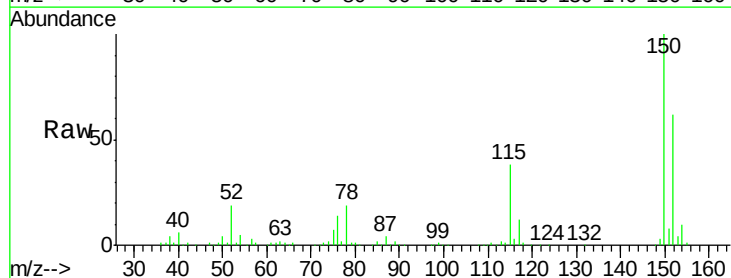


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061229.D
Acq: 21 Mar 2019 2:48

Tgt Ion:152 Resp: 377772
Ion Ratio Lower Upper
152 100
115 61.5 28.6 85.9
150 160.1 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

