

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063043.D
 Acq On : 8 Jul 2019 18:20
 Operator : VA/AP
 Sample : K3697-01
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12000

Quant Time: Jul 09 05:47:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

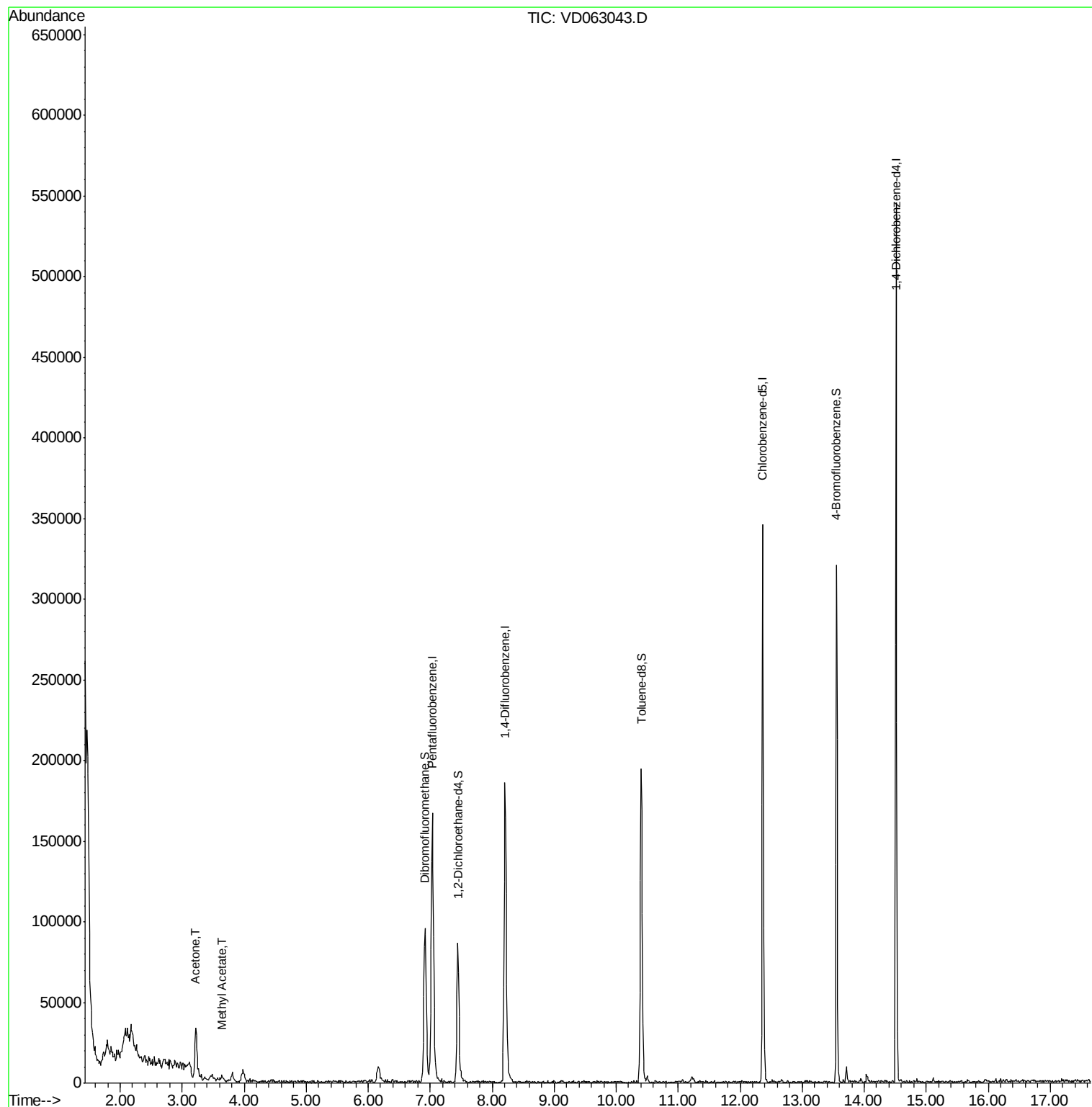
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	148682	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	189610	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	178683	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	108531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	101761	62.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	125.94%	
35) Dibromofluoromethane	6.93	113	86635	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
50) Toluene-d8	10.40	98	158700	45.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	13.55	95	83173	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
16) Acetone	3.22	43	63629	192.536	ug/l	96
18) Methyl Acetate	3.64	43	7190	14.737	ug/l #	78

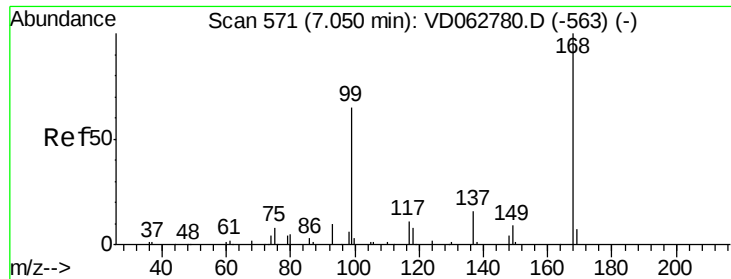
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063043.D

Acq: 8 Jul 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

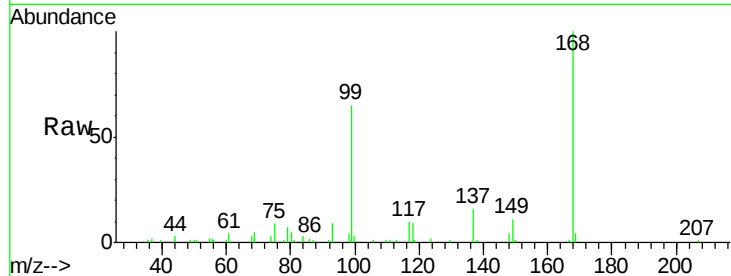
72-12000

Tot Ion:168 Resp: 148682

Ion Ratio Lower Upper

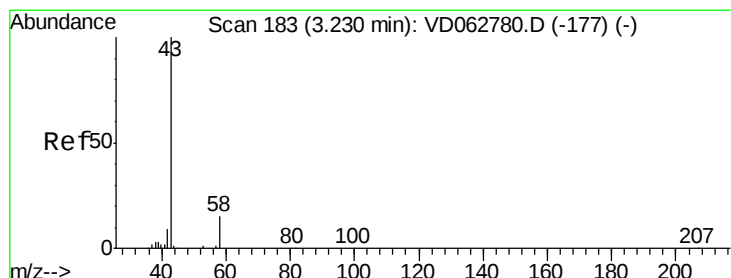
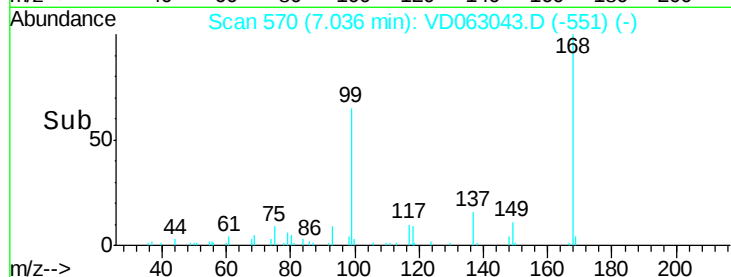
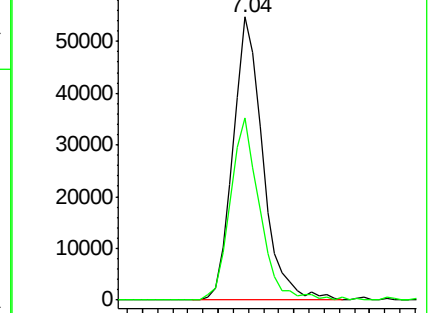
168 100

99 64.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 192.536 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063043.D

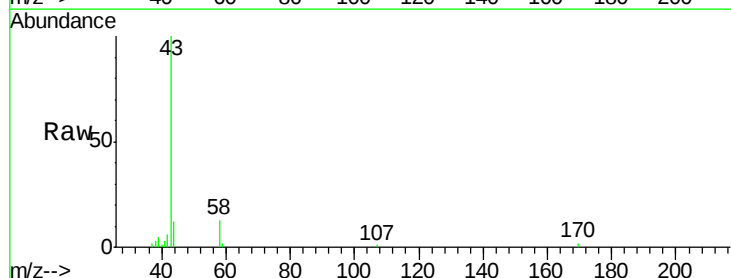
Acq: 8 Jul 2019 18:20

Tgt Ion: 43 Resp: 63629

Ion Ratio Lower Upper

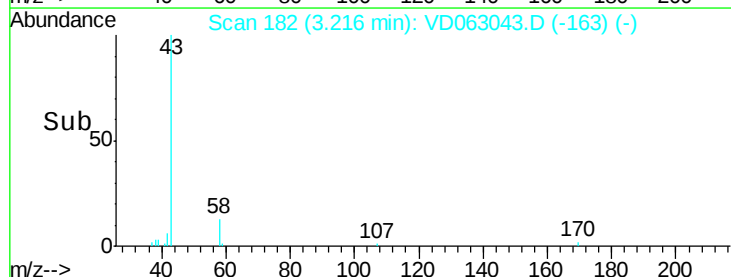
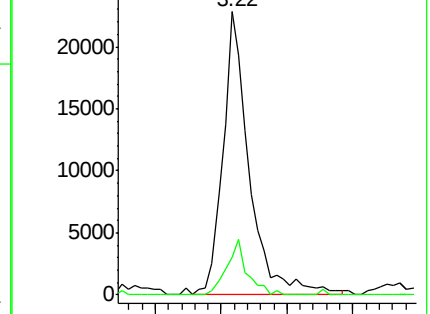
43 100

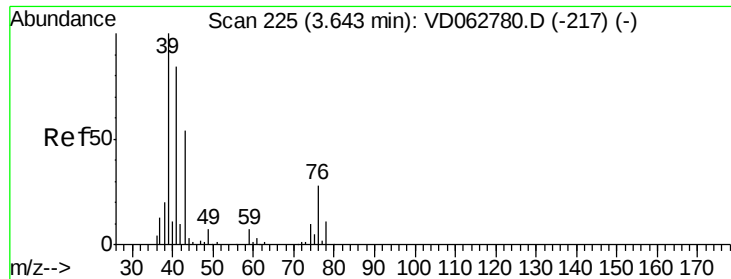
58 13.1 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

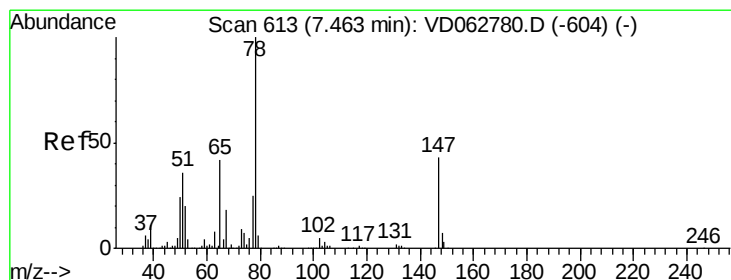
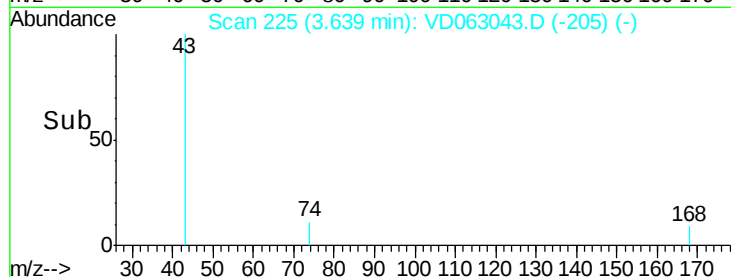
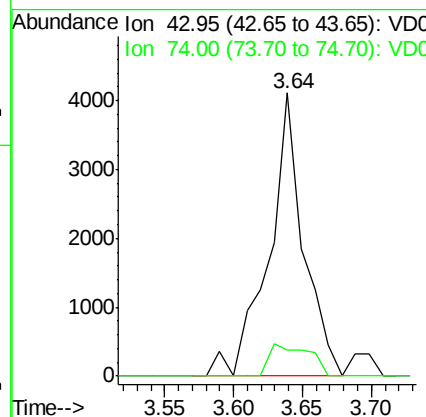
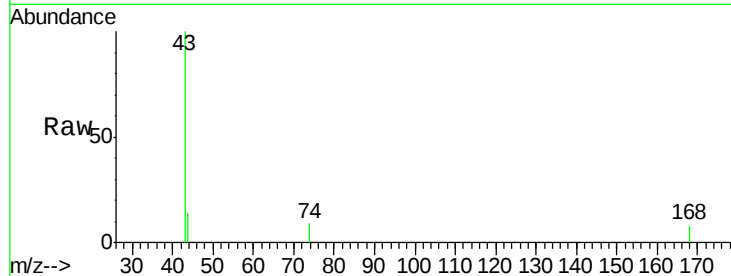




#18
Methyl Acetate
Concen: 14.737 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD063043.D
Acq: 8 Jul 2019 18:20

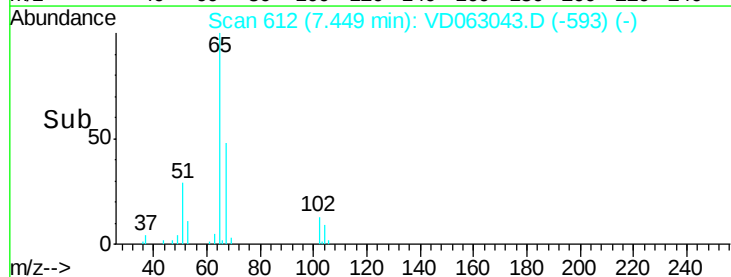
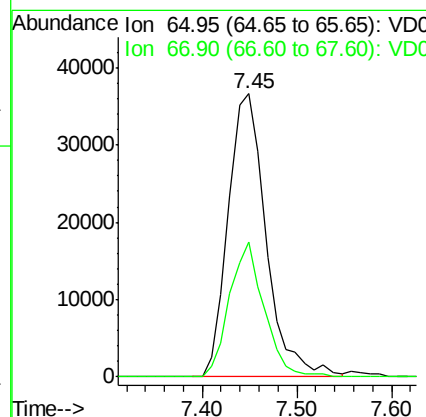
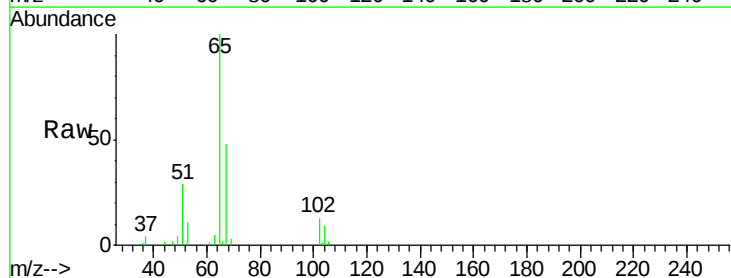
Instrument :
MSVOA_D
ClientSampleId :
72-12000

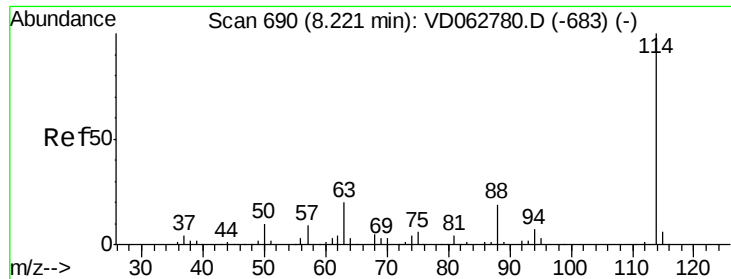
Tot Ion: 43 Resp: 7190
Ion Ratio Lower Upper
43 100
74 9.3 15.2 22.8#



#33
1,2-Dichloroethane-d4
Concen: 62.965 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063043.D
Acq: 8 Jul 2019 18:20

Tgt Ion: 65 Resp: 101761
Ion Ratio Lower Upper
65 100
67 47.9 0.0 87.4

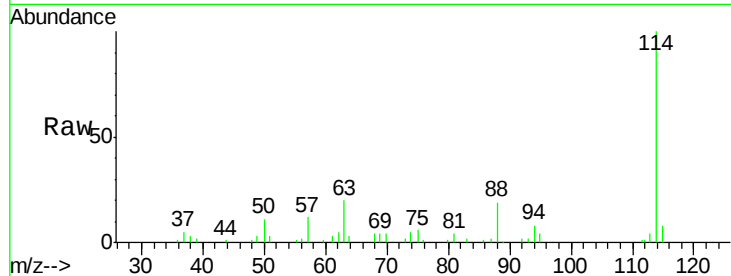




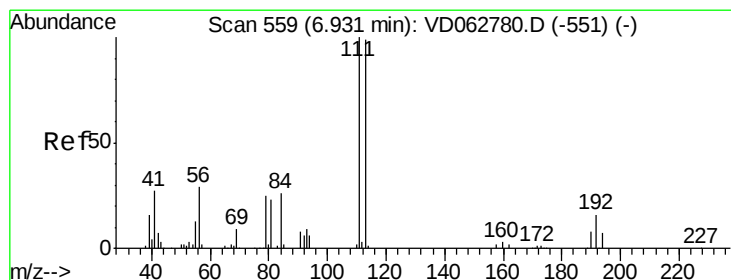
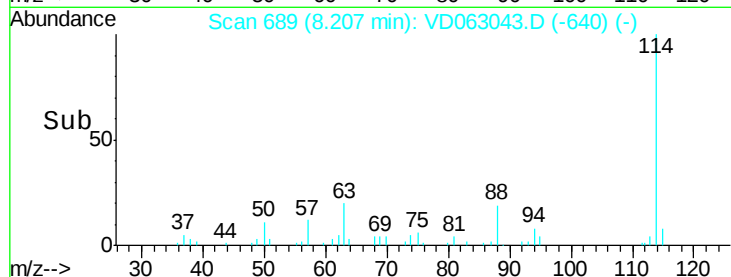
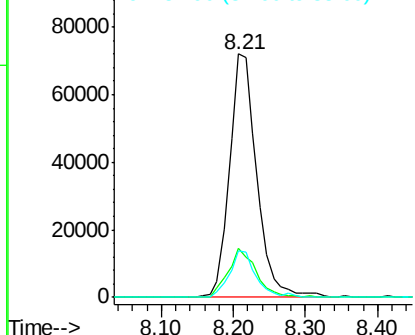
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063043.D
 Acq: 8 Jul 2019 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12000

Tot Ion:114 Resp: 189610
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 18.9 0.0 38.8

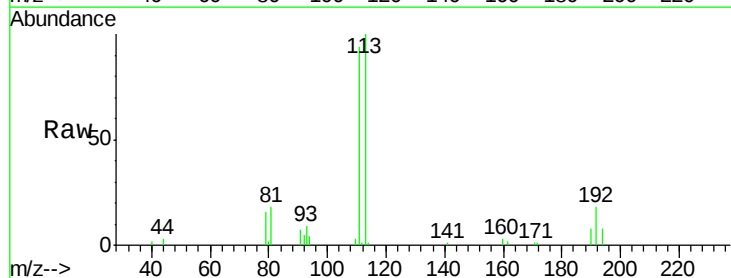


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

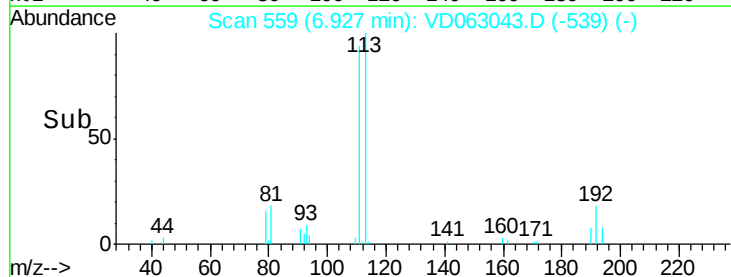
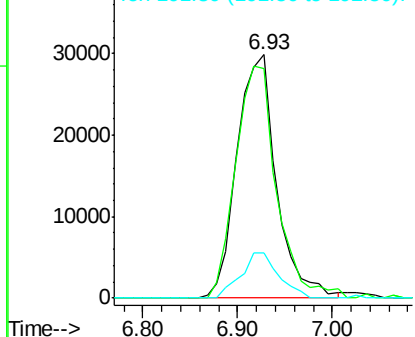


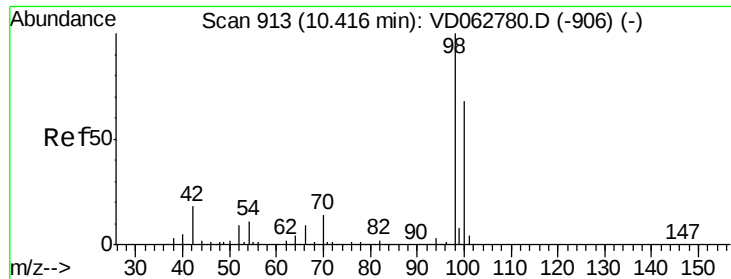
#35
 Dibromofluoromethane
 Concen: 54.188 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD063043.D
 Acq: 8 Jul 2019 18:20

Tgt Ion:113 Resp: 86635
 Ion Ratio Lower Upper
 113 100
 111 94.4 81.2 121.8
 192 18.4 12.9 19.3



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

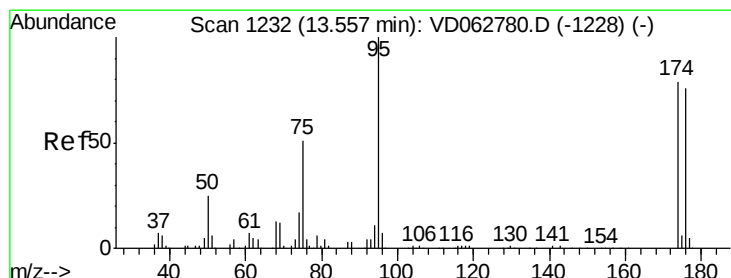
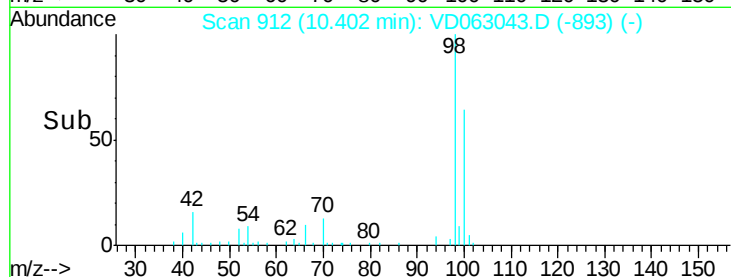
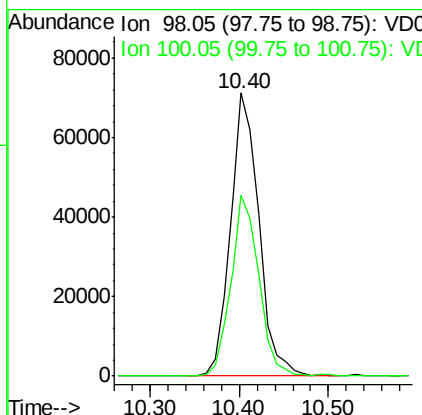
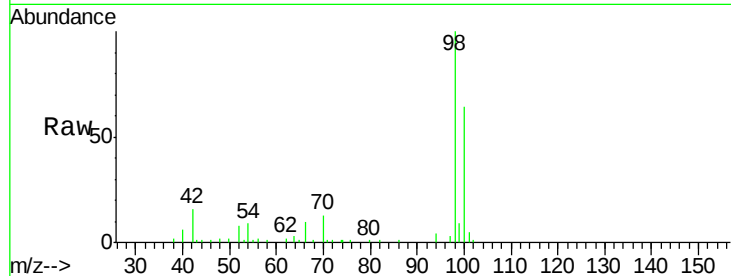




#50
Toluene-d8
Concen: 45.608 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063043.D
Acq: 8 Jul 2019 18:20

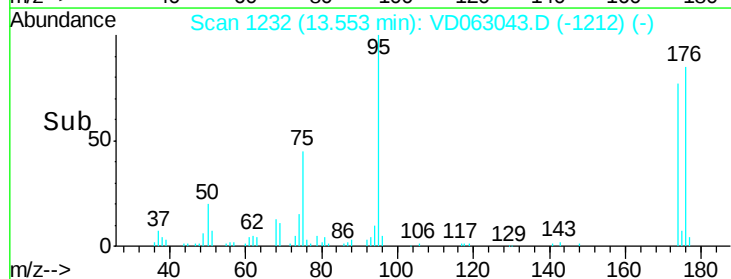
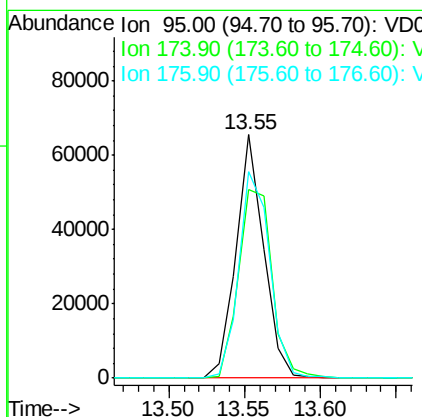
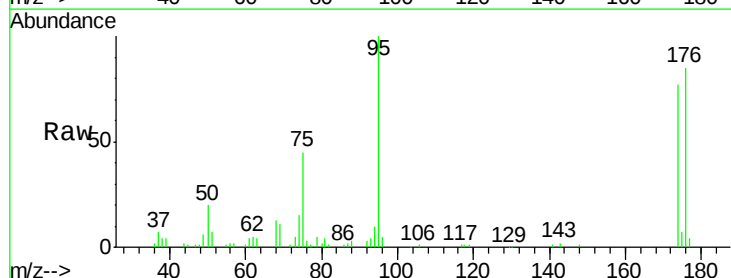
Instrument :
MSVOA_D
ClientSampleId :
72-12000

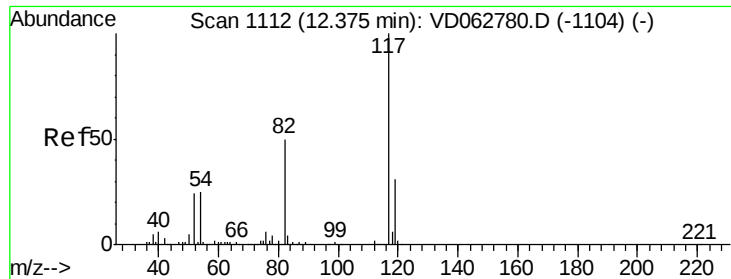
Tot Ion: 98 Resp: 158700
Ion Ratio Lower Upper
98 100
100 63.8 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 52.567 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063043.D
Acq: 8 Jul 2019 18:20

Tgt Ion: 95 Resp: 83173
Ion Ratio Lower Upper
95 100
174 77.4 0.0 158.0
176 84.8 0.0 151.6

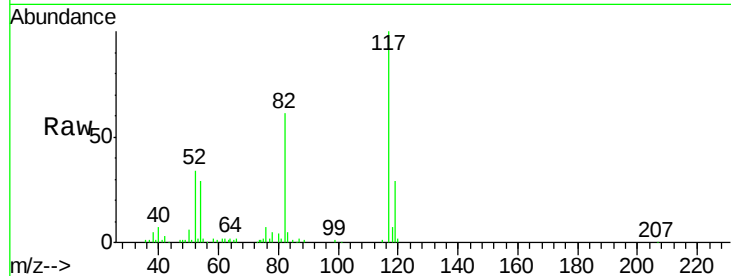




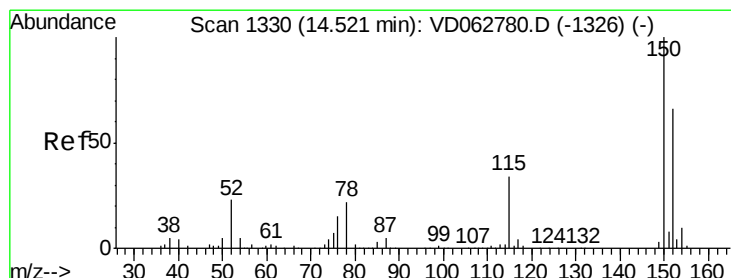
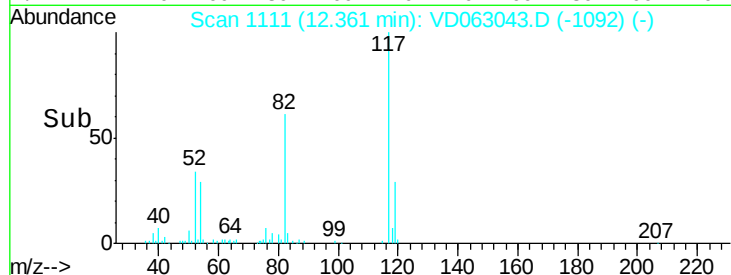
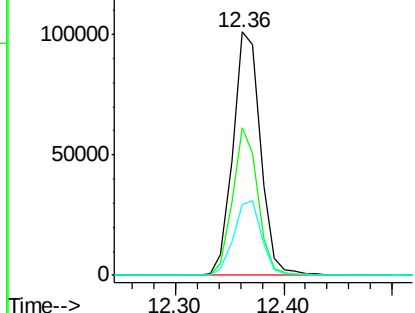
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063043.D
Acq: 8 Jul 2019 18:20

Instrument :
MSVOA_D
ClientSampleId :
72-12000

Tot Ion:117 Resp: 178683
Ion Ratio Lower Upper
117 100
82 60.7 40.4 60.6#
119 29.3 25.2 37.8

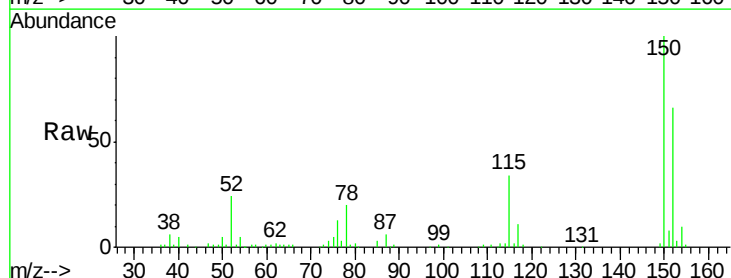


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063043.D
Acq: 8 Jul 2019 18:20

Tgt Ion:152 Resp: 108531
Ion Ratio Lower Upper
152 100
115 51.6 29.2 87.6
150 150.9 0.0 305.8



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

