

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062859.D
 Acq On : 25 Jun 2019 2:32
 Operator : VA/AP
 Sample : K3512-01
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-7

Quant Time: Jun 25 06:35:39 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

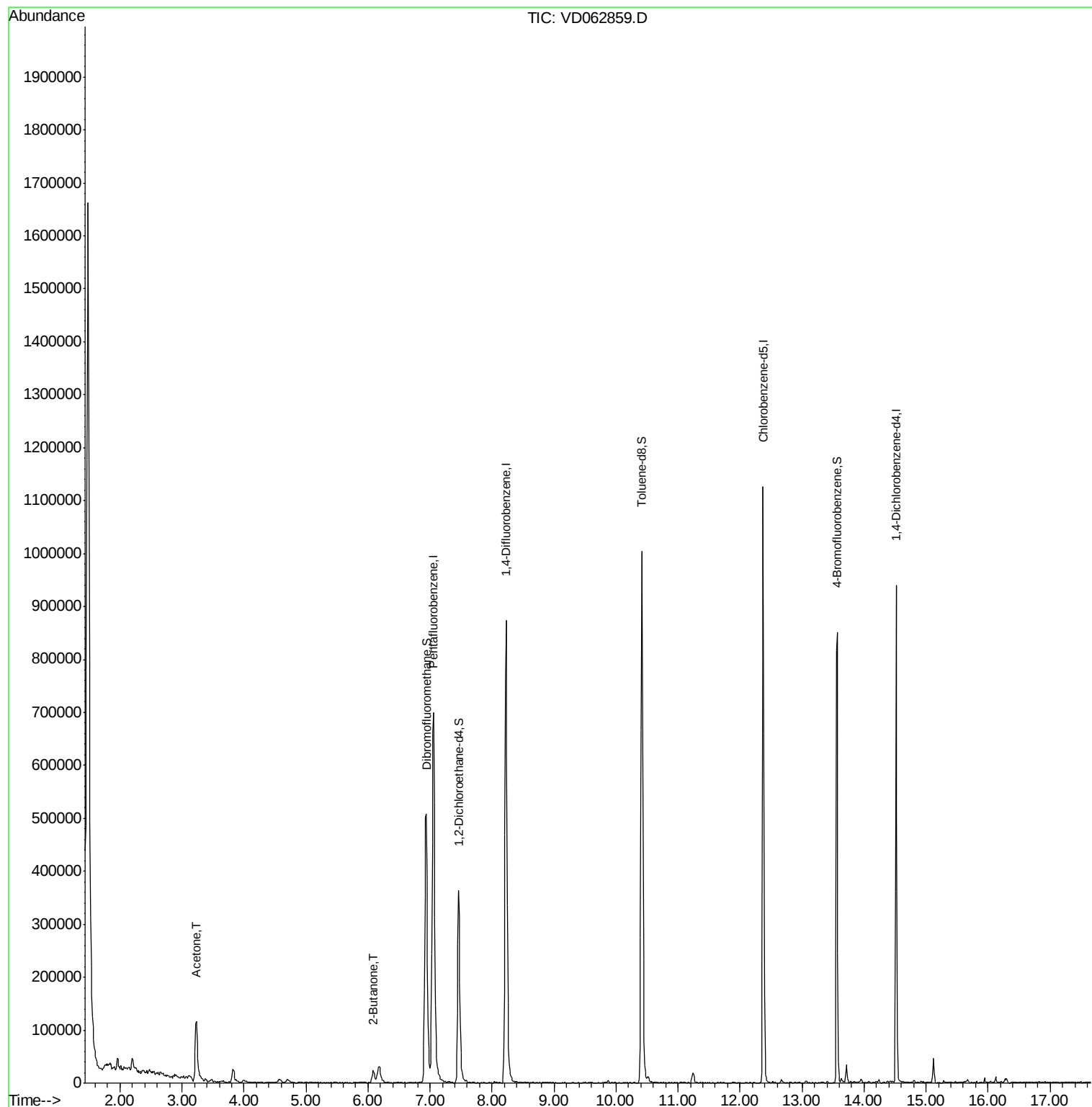
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	679121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	923543	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	581613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	188585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	385612	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	6.93	113	449981	57.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.56%	
50) Toluene-d8	10.41	98	848767	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	13.55	95	251357	32.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.24%	
Target Compounds						
16) Acetone	3.23	43	253777	167.208	ug/l	98
25) 2-Butanone	6.08	43	49118	35.576	ug/l	100

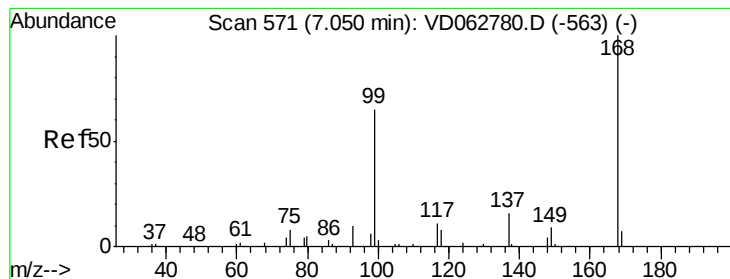
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062859.D

Acq: 25 Jun 2019 2:32

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MSVOA_D

ClientSampleId :

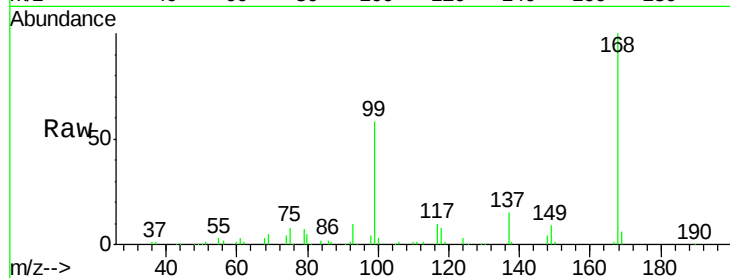
SAMPLE-7

Tot Ion:168 Resp: 679121

Ion Ratio Lower Upper

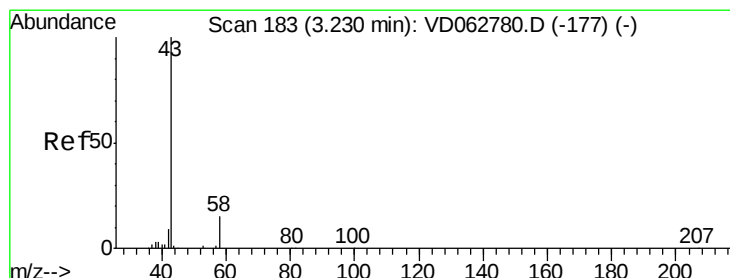
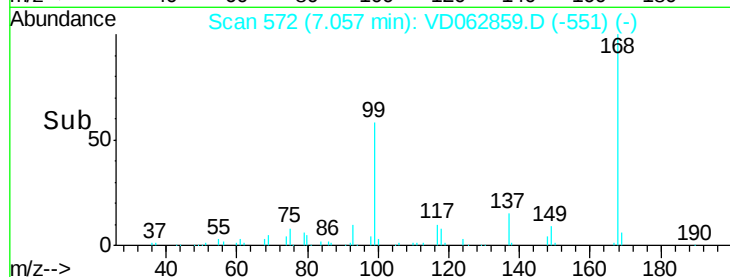
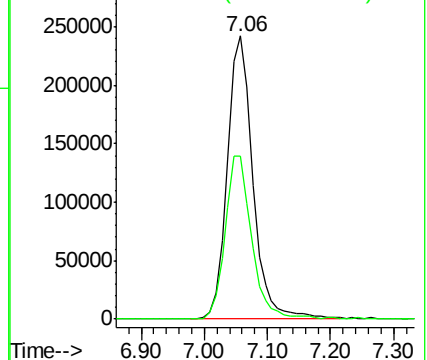
168 100

99 57.8 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: 167.208 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062859.D

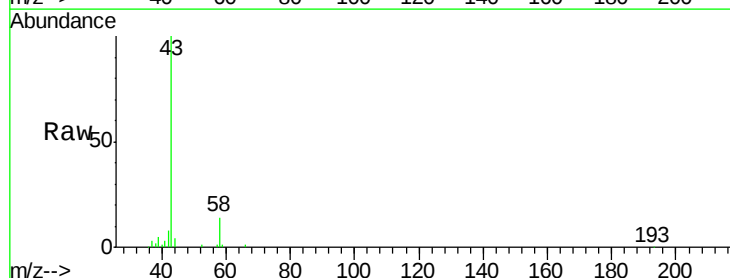
Acq: 25 Jun 2019 2:32

Tgt Ion: 43 Resp: 253777

Ion Ratio Lower Upper

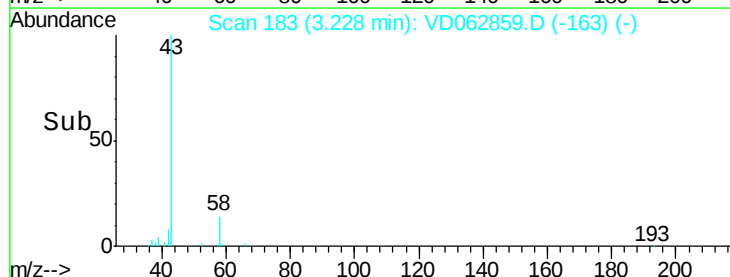
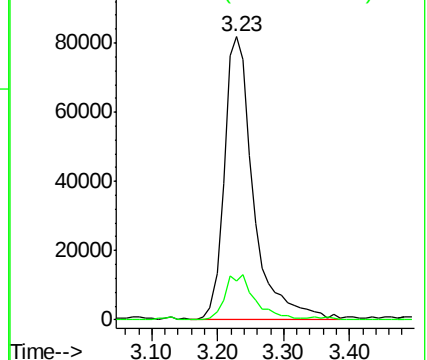
43 100

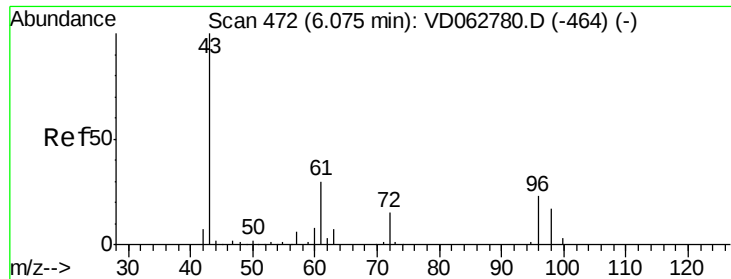
58 14.0 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 35.576 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062859.D

Acq: 25 Jun 2019 2:32

Instrument :

MSVOA_D

ClientSampleId :

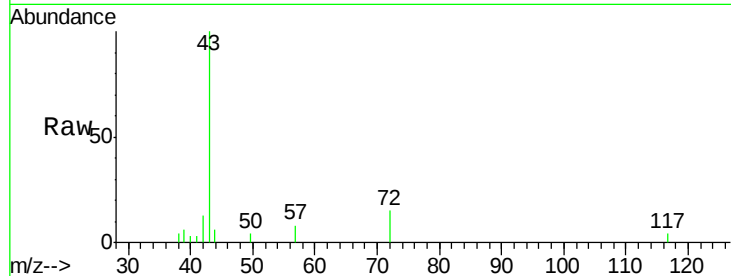
SAMPLE-7

Tot Ion: 43 Resp: 49118

Ion Ratio Lower Upper

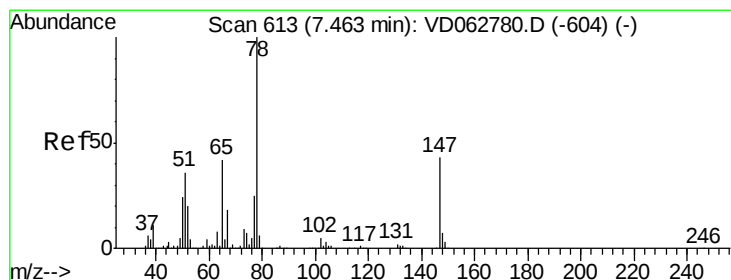
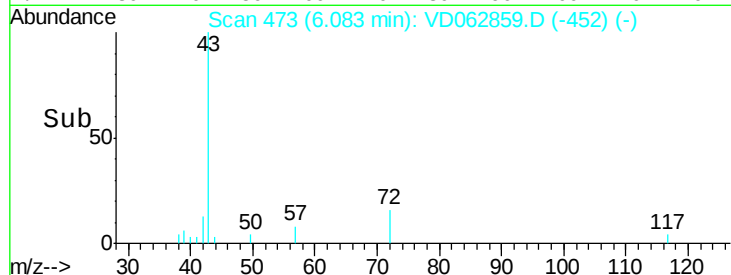
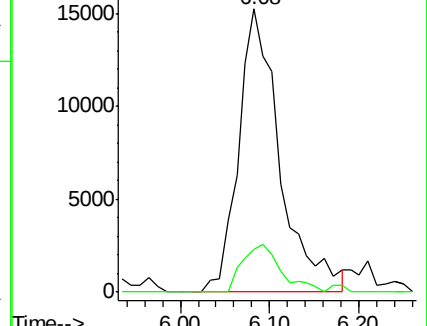
43 100

72 15.1 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.237 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062859.D

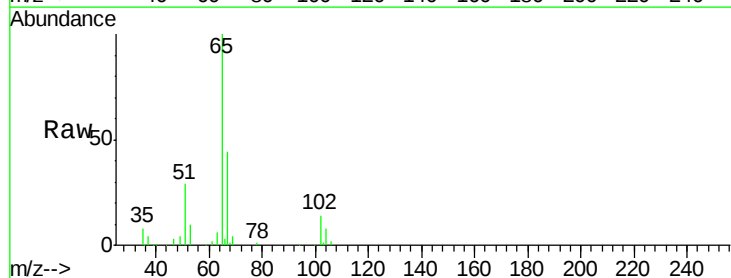
Acq: 25 Jun 2019 2:32

Tgt Ion: 65 Resp: 385612

Ion Ratio Lower Upper

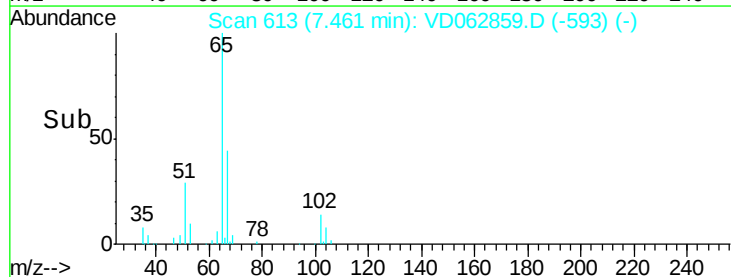
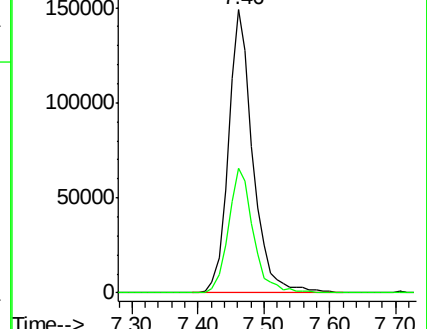
65 100

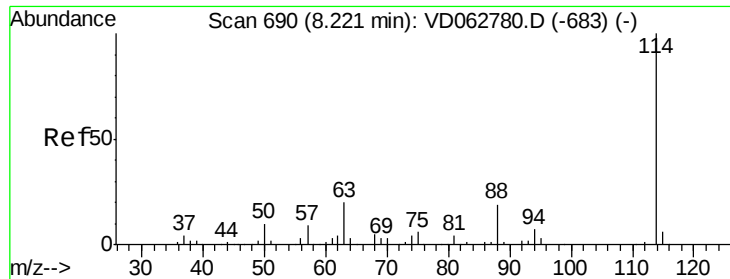
67 44.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

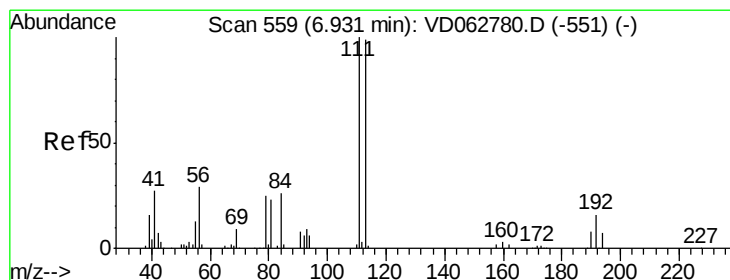
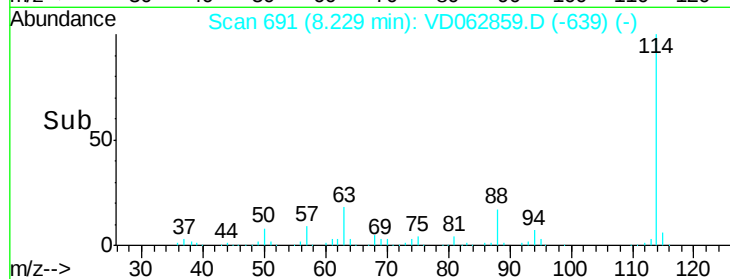
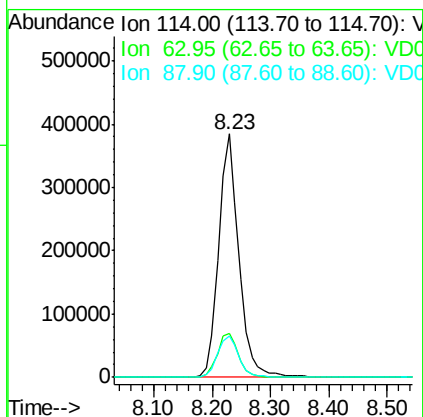
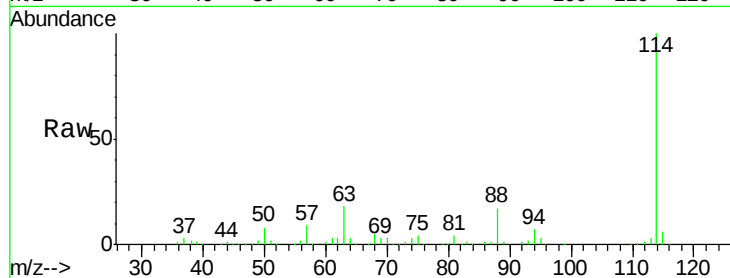




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062859.D
 Acq: 25 Jun 2019 2:32

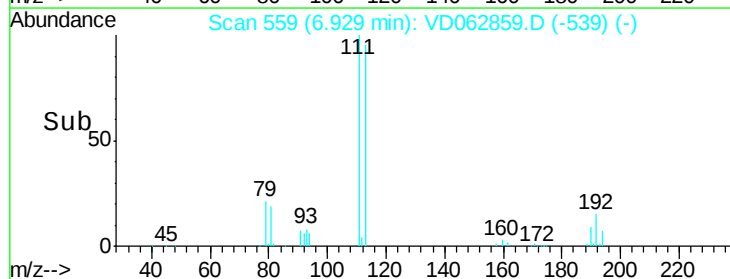
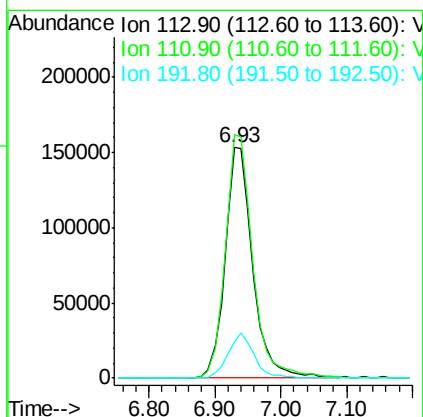
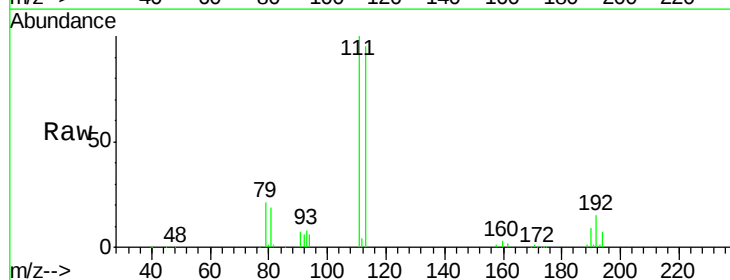
Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-7

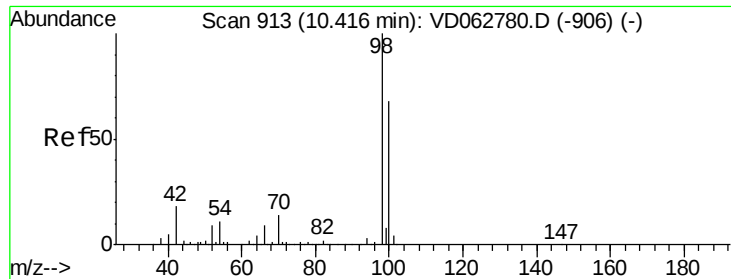
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	40.0
88	16.8	0.0	38.8



#35
 Dibromofluoromethane
 Concen: 57.784 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062859.D
 Acq: 25 Jun 2019 2:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.2	121.8
192	16.0	12.9	19.3

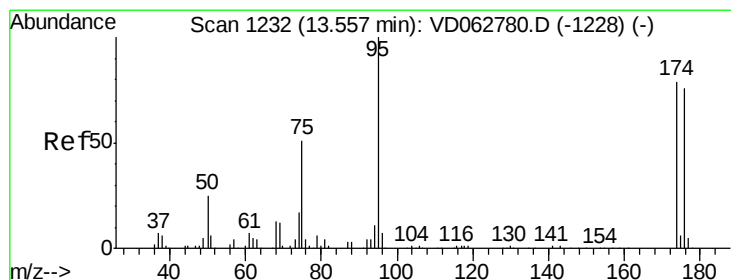
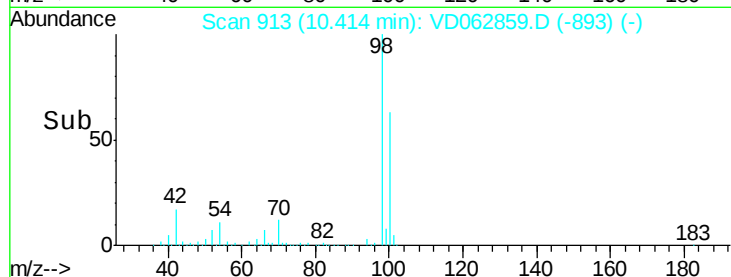
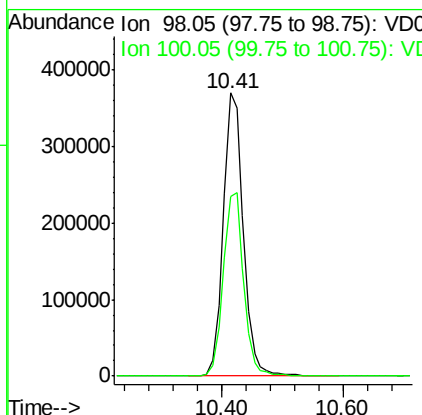
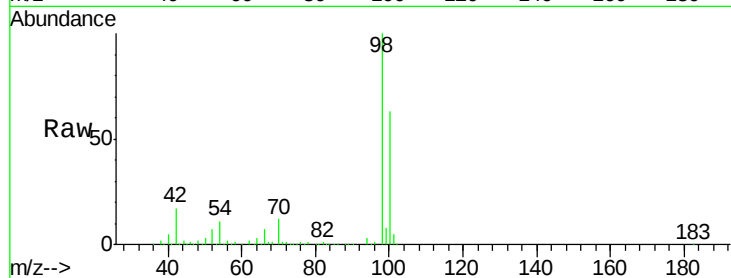




#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062859.D
Acq: 25 Jun 2019 2:32

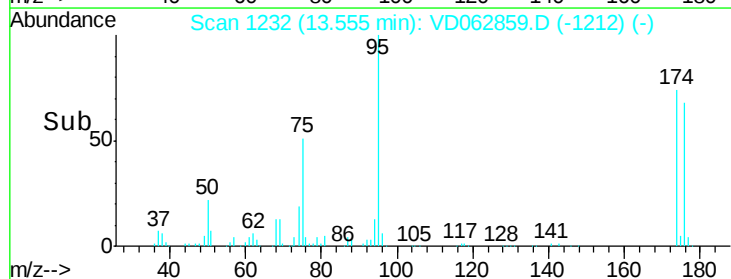
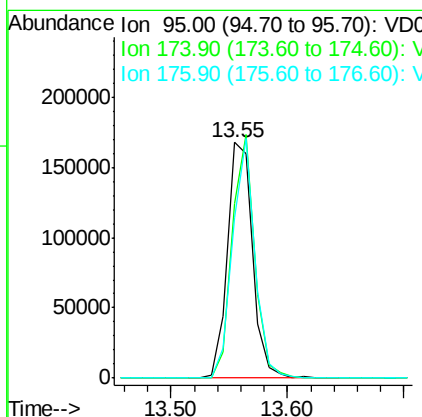
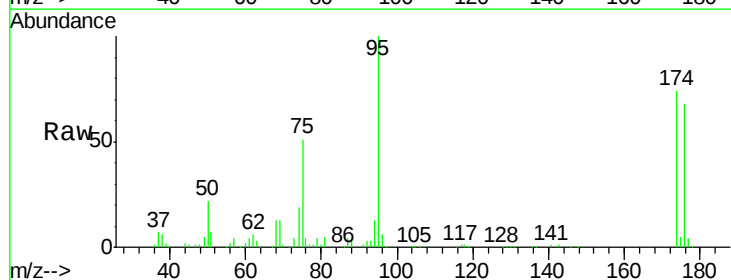
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-7

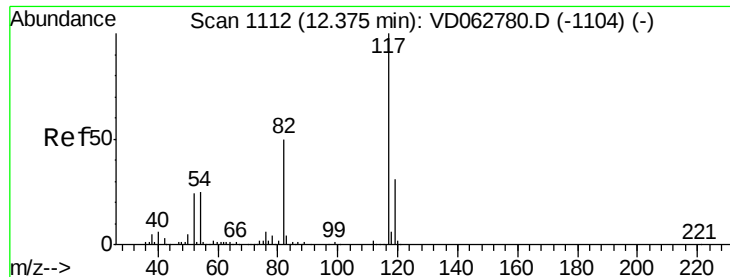
Tot Ion: 98 Resp: 848767
Ion Ratio Lower Upper
98 100
100 63.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 32.615 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062859.D
Acq: 25 Jun 2019 2:32

Tgt Ion: 95 Resp: 251357
Ion Ratio Lower Upper
95 100
174 74.2 0.0 158.0
176 68.3 0.0 151.6

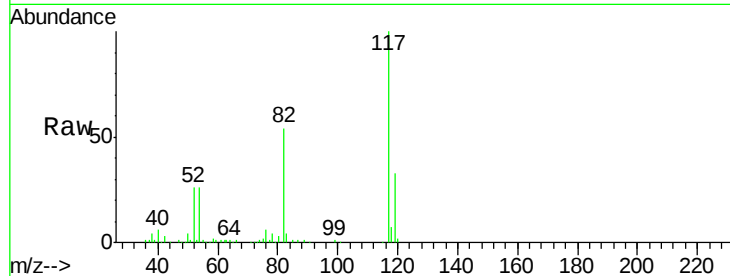




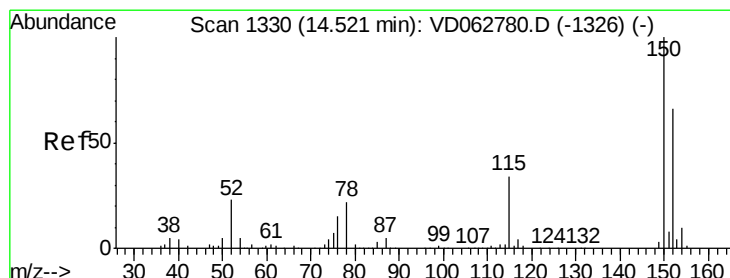
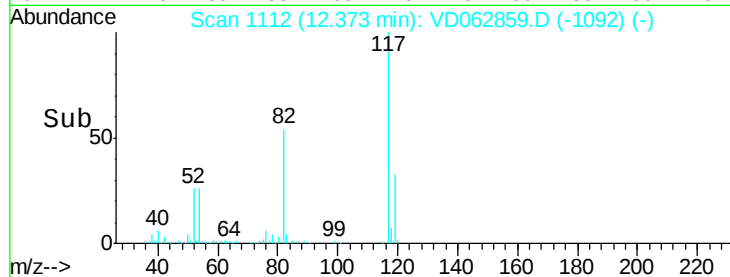
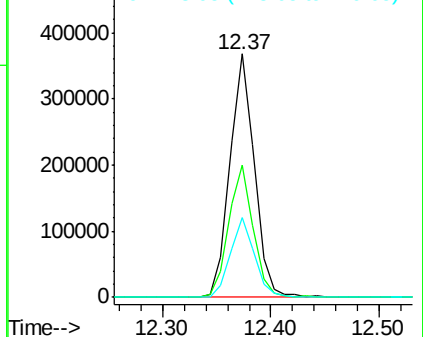
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062859.D
Acq: 25 Jun 2019 2:32

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-7

Tot Ion:117 Resp: 581613
Ion Ratio Lower Upper
117 100
82 54.3 40.4 60.6
119 32.7 25.2 37.8

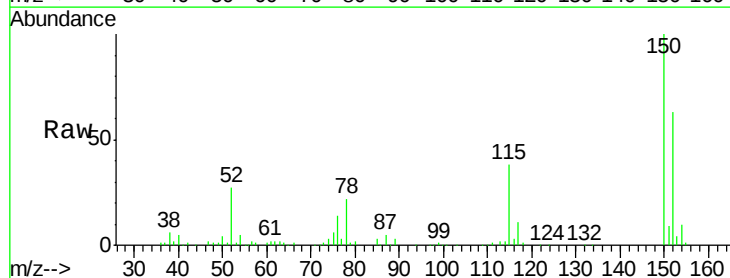


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062859.D
Acq: 25 Jun 2019 2:32

Tgt Ion:152 Resp: 188585
Ion Ratio Lower Upper
152 100
115 61.5 29.2 87.6
150 159.8 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

