

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062882.D
 Acq On : 25 Jun 2019 16:36
 Operator : VA/AP
 Sample : K3164-01RE
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B04RE

Quant Time: Jun 26 06:42:36 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

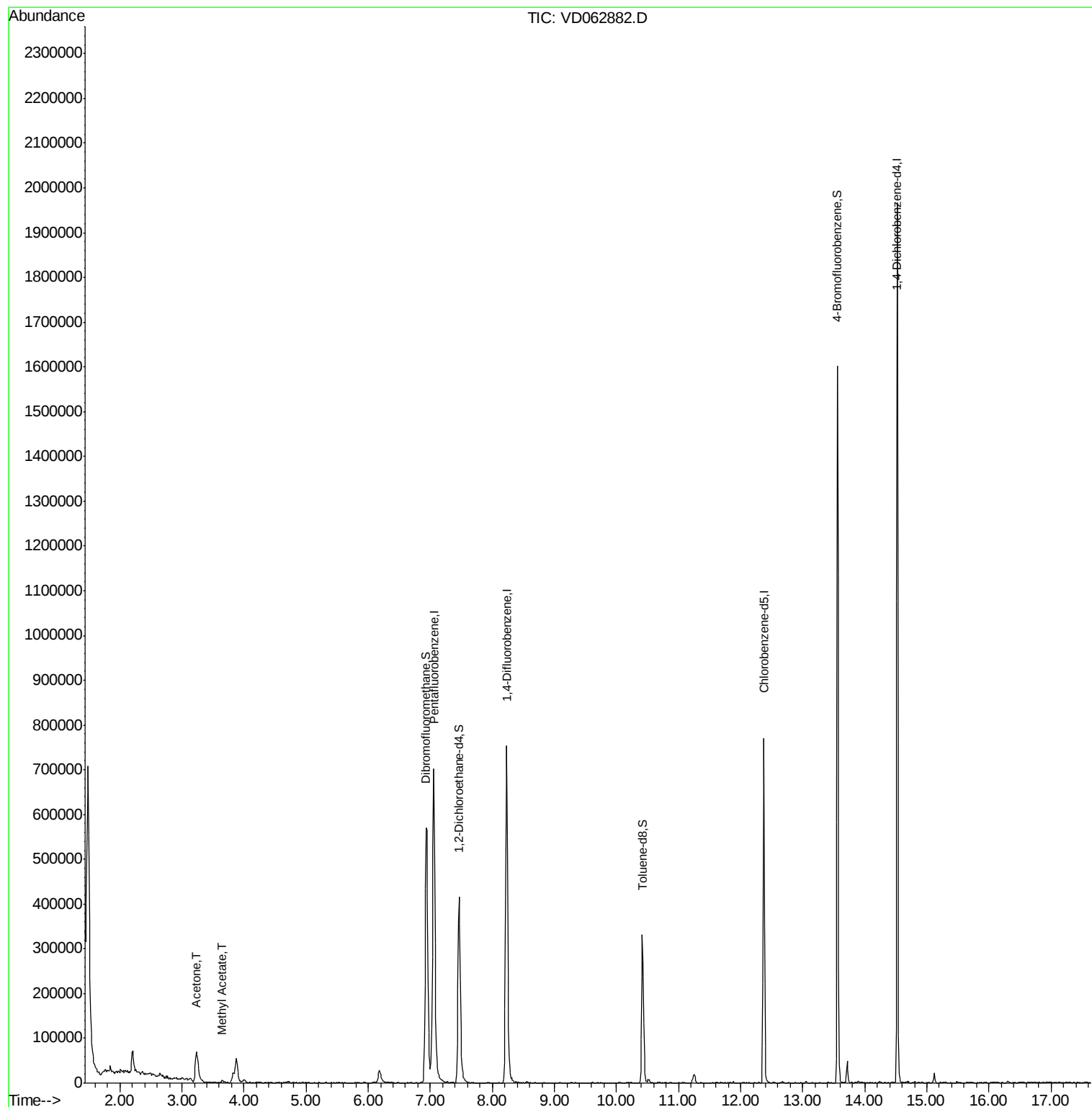
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	683430	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	782386	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	402582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	395580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	495664	66.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.44%	
35) Dibromofluoromethane	6.94	113	501924	76.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	152.16%	
50) Toluene-d8	10.42	98	252252	17.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.14%	
62) 4-Bromofluorobenzene	13.56	95	426474	65.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.64%	
Target Compounds						
16) Acetone	3.23	43	147786	93.727	ug/l	96
18) Methyl Acetate	3.64	43	9320	4.156	ug/l #	88

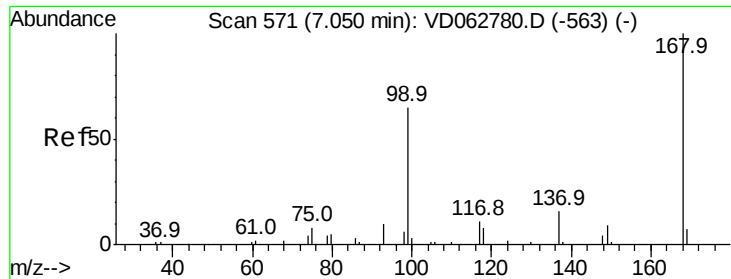
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062882.D

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Instrument :

MSVOA_D

ClientSampleId :

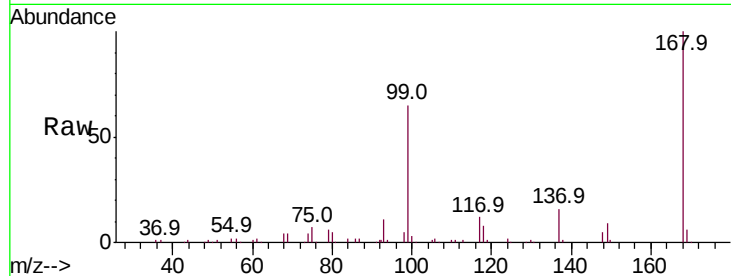
BAT-B04RE

Tot Ion:168 Resp: 683430

Ion Ratio Lower Upper

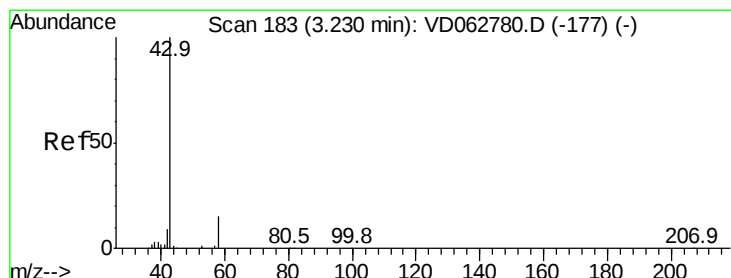
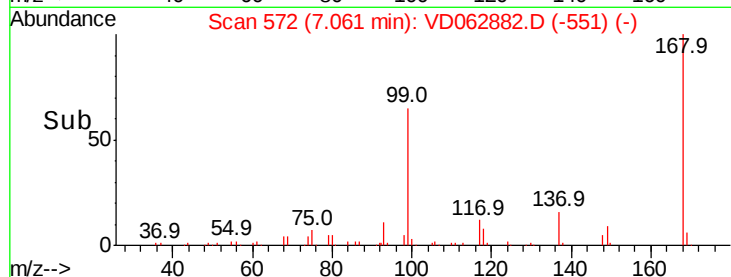
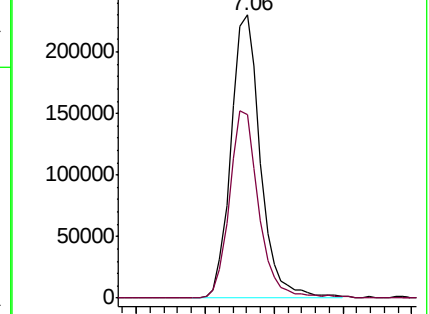
168 100

99 64.7 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: 93.727 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062882.D

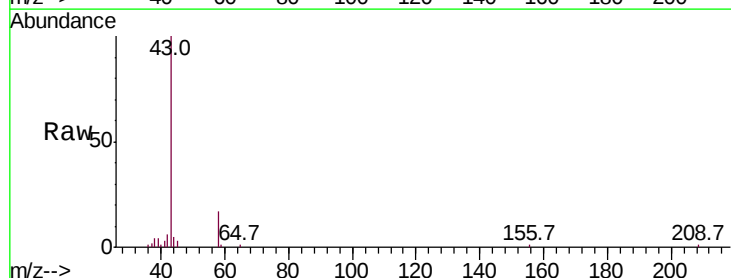
Acq: 25 Jun 2019 16:36

Tgt Ion: 43 Resp: 147786

Ion Ratio Lower Upper

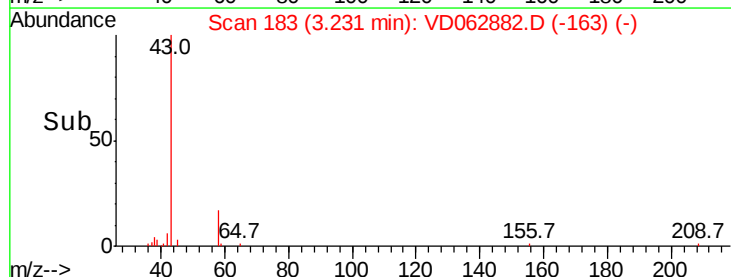
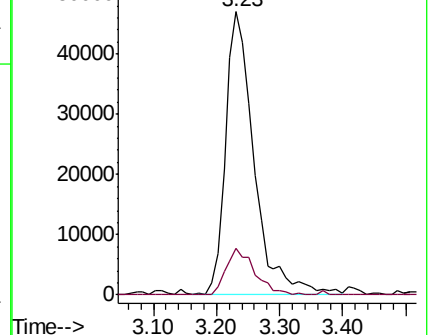
43 100

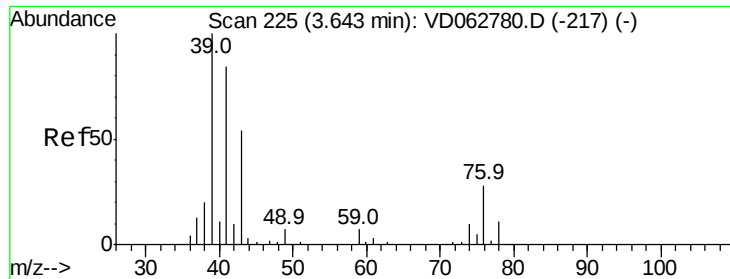
58 16.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

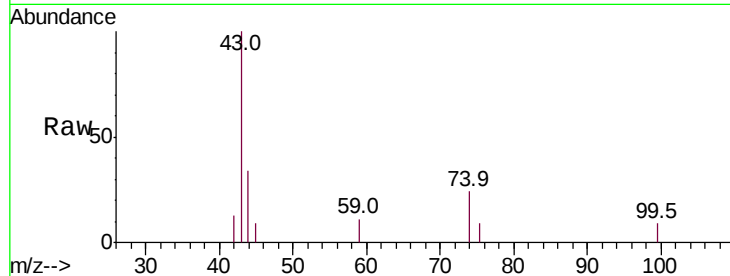




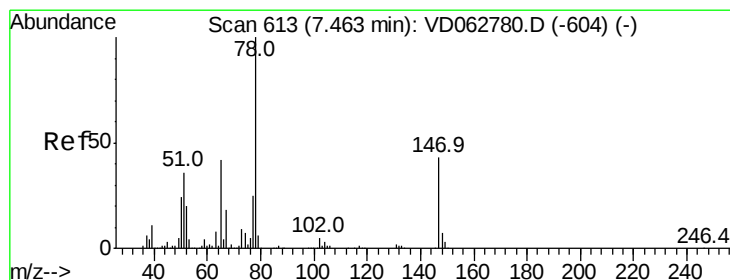
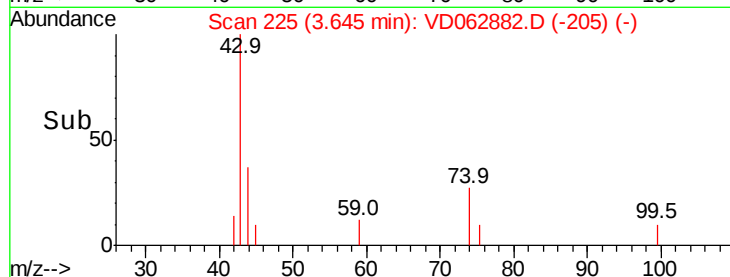
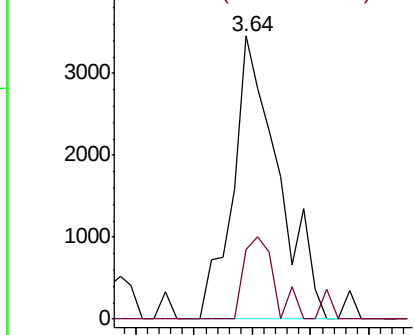
#18
Methyl Acetate
Concen: 4.156 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062882.D
Acq: 25 Jun 2019 16:36

Instrument :
MSVOA_D
ClientSampleId :
BAT-B04RE

Tot Ion: 43 Resp: 9320
Ion Ratio Lower Upper
43 100
74 24.5 15.2 22.8#

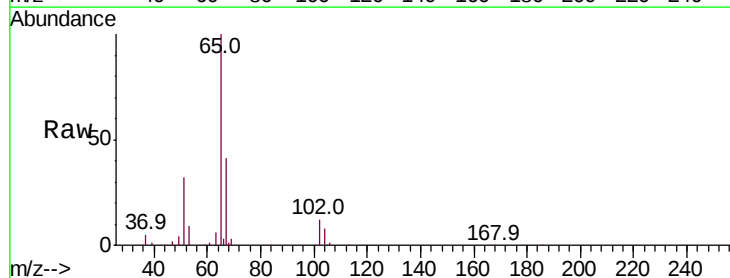


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

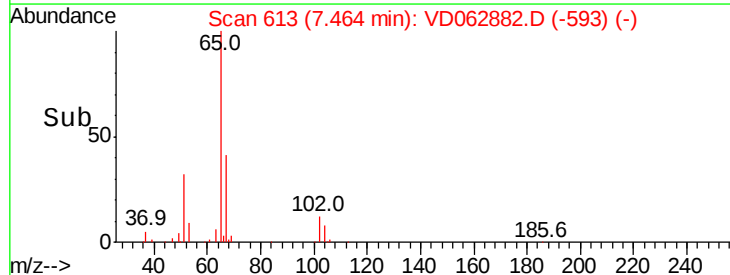
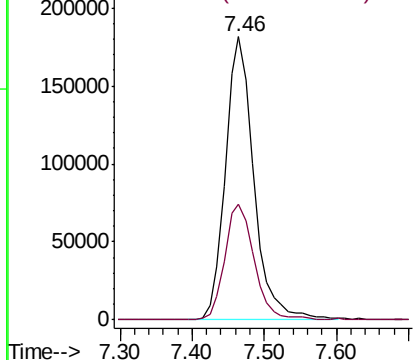


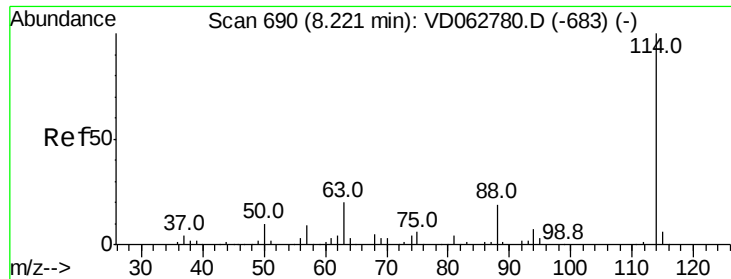
#33
1,2-Dichloroethane-d4
Concen: 66.722 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD062882.D
Acq: 25 Jun 2019 16:36

Tgt Ion: 65 Resp: 495664
Ion Ratio Lower Upper
65 100
67 40.8 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

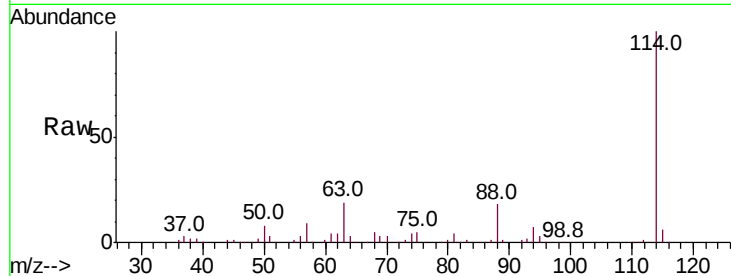




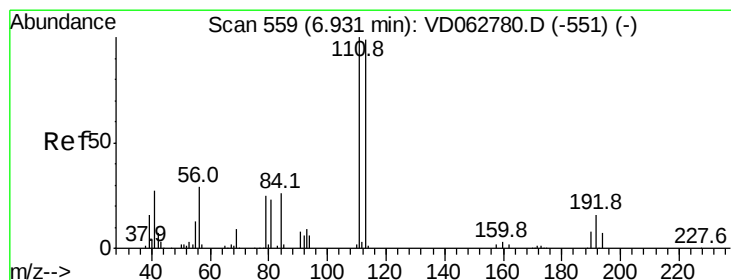
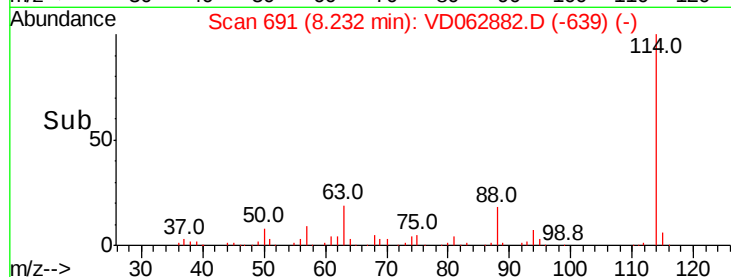
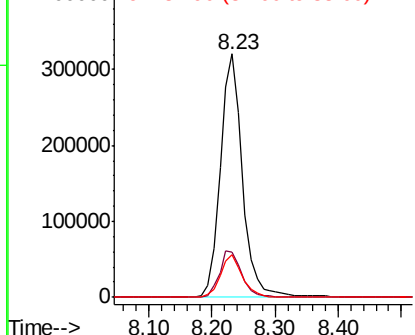
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062882.D
 Acq: 25 Jun 2019 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B04RE

Tot Ion:114 Resp: 782386
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 17.5 0.0 38.8

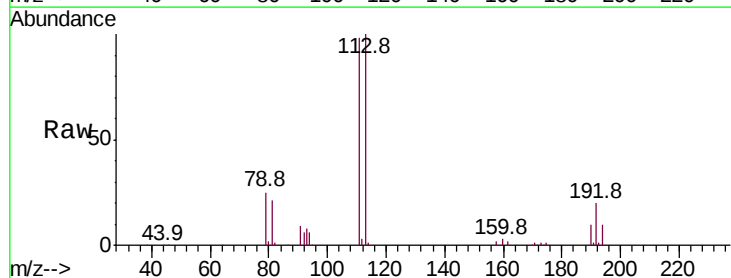


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

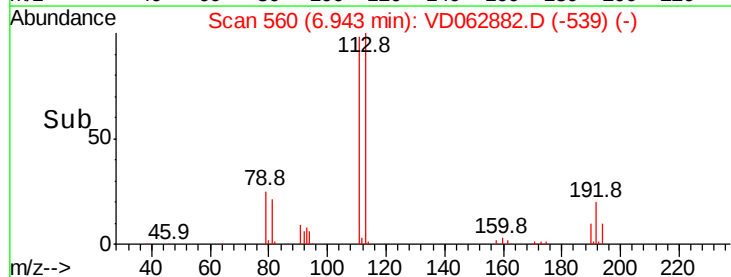
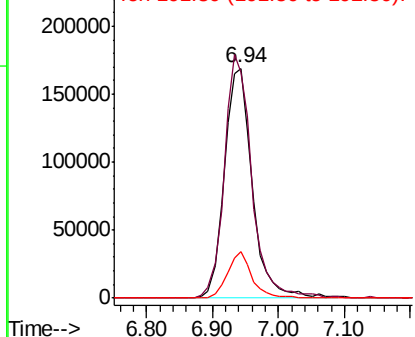


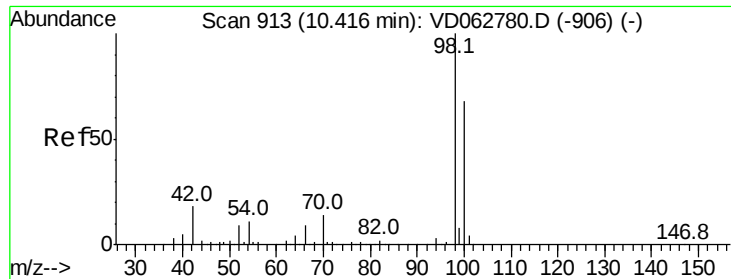
#35
 Dibromofluoromethane
 Concen: 76.083 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062882.D
 Acq: 25 Jun 2019 16:36

Tgt Ion:113 Resp: 501924
 Ion Ratio Lower Upper
 113 100
 111 98.1 81.2 121.8
 192 20.2 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

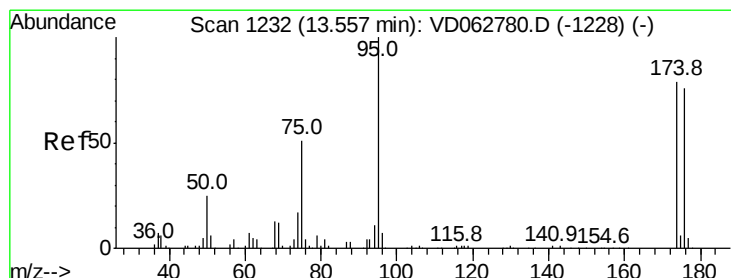
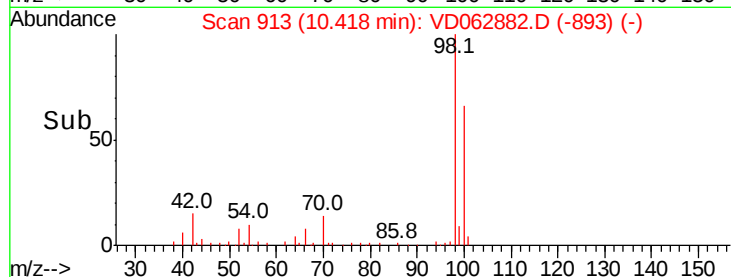
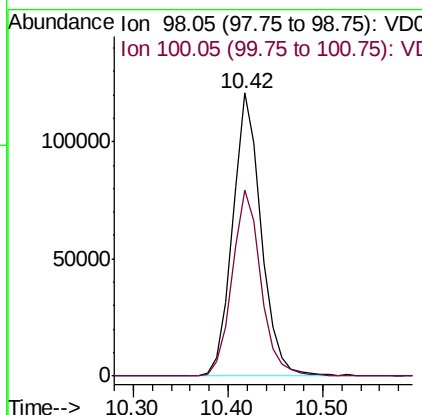
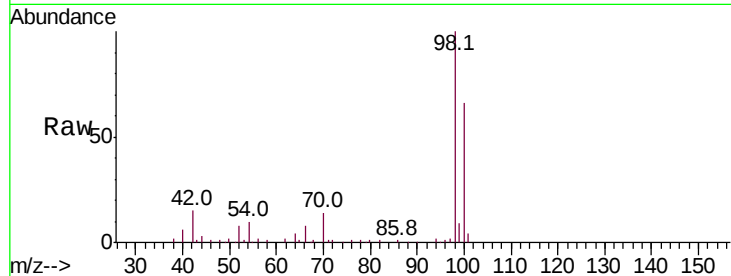




#50
Toluene-d8
Concen: 17.568 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062882.D
Acq: 25 Jun 2019 16:36

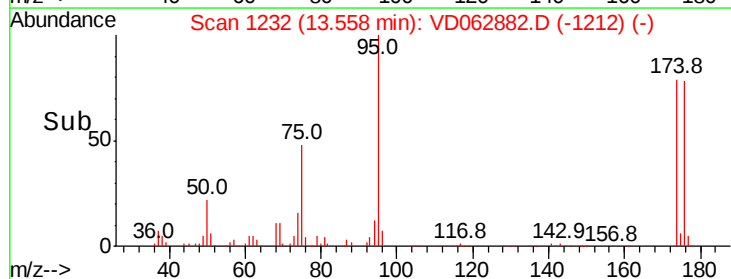
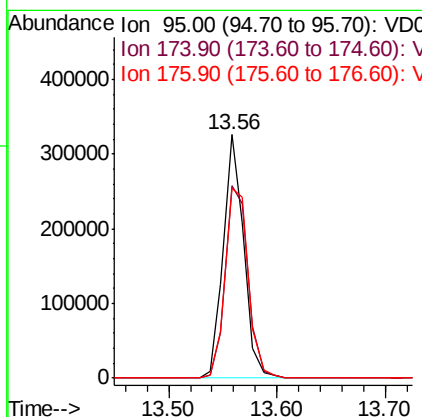
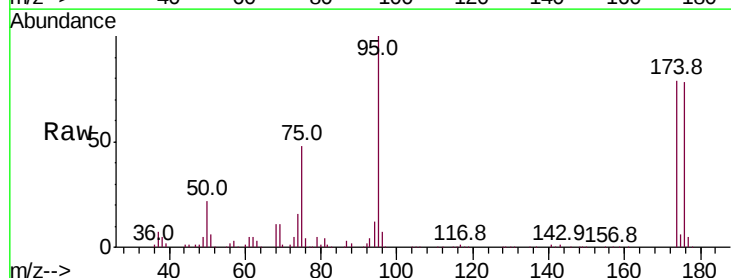
Instrument :
MSVOA_D
ClientSampleId :
BAT-B04RE

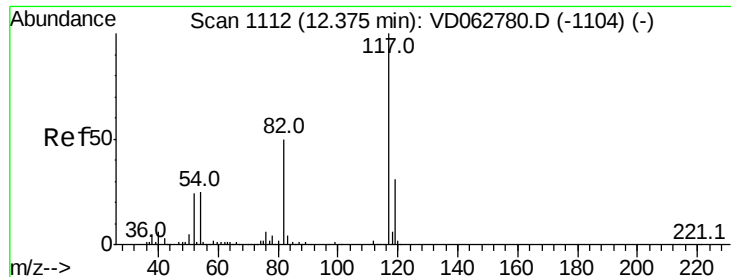
Tot Ion: 98 Resp: 252252
Ion Ratio Lower Upper
98 100
100 65.8 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 65.322 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062882.D
Acq: 25 Jun 2019 16:36

Tgt Ion: 95 Resp: 426474
Ion Ratio Lower Upper
95 100
174 79.0 0.0 158.0
176 78.2 0.0 151.6

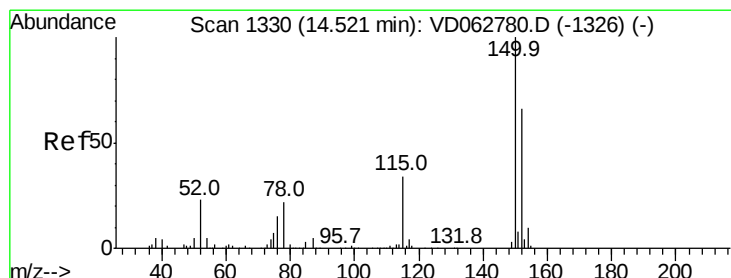
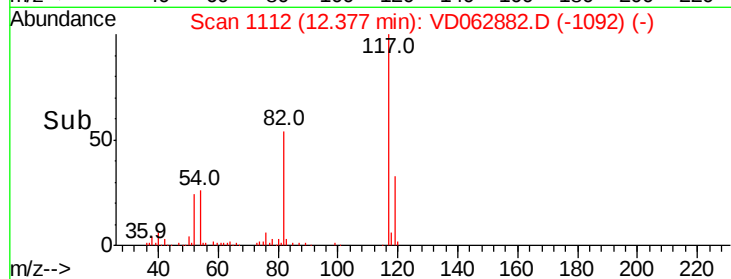
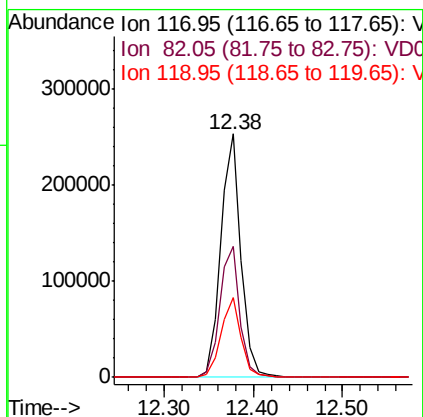
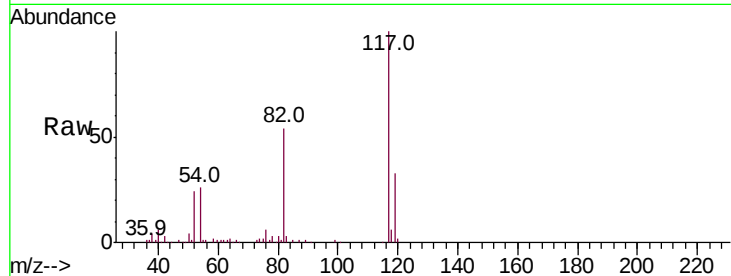




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062882.D
Acq: 25 Jun 2019 16:36

Instrument :
MSVOA_D
ClientSampleId :
BAT-B04RE

Tot Ion:117 Resp: 402582
Ion Ratio Lower Upper
117 100
82 53.7 40.4 60.6
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062882.D
Acq: 25 Jun 2019 16:36

Tgt Ion:152 Resp: 395580
Ion Ratio Lower Upper
152 100
115 58.0 29.2 87.6
150 150.6 0.0 305.8

