

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062823.D
 Acq On : 21 Jun 2019 18:21
 Operator : VA/AP
 Sample : K3158-05RE
 Misc : 5.67g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-062019RE

Quant Time: Jun 22 05:00:04 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

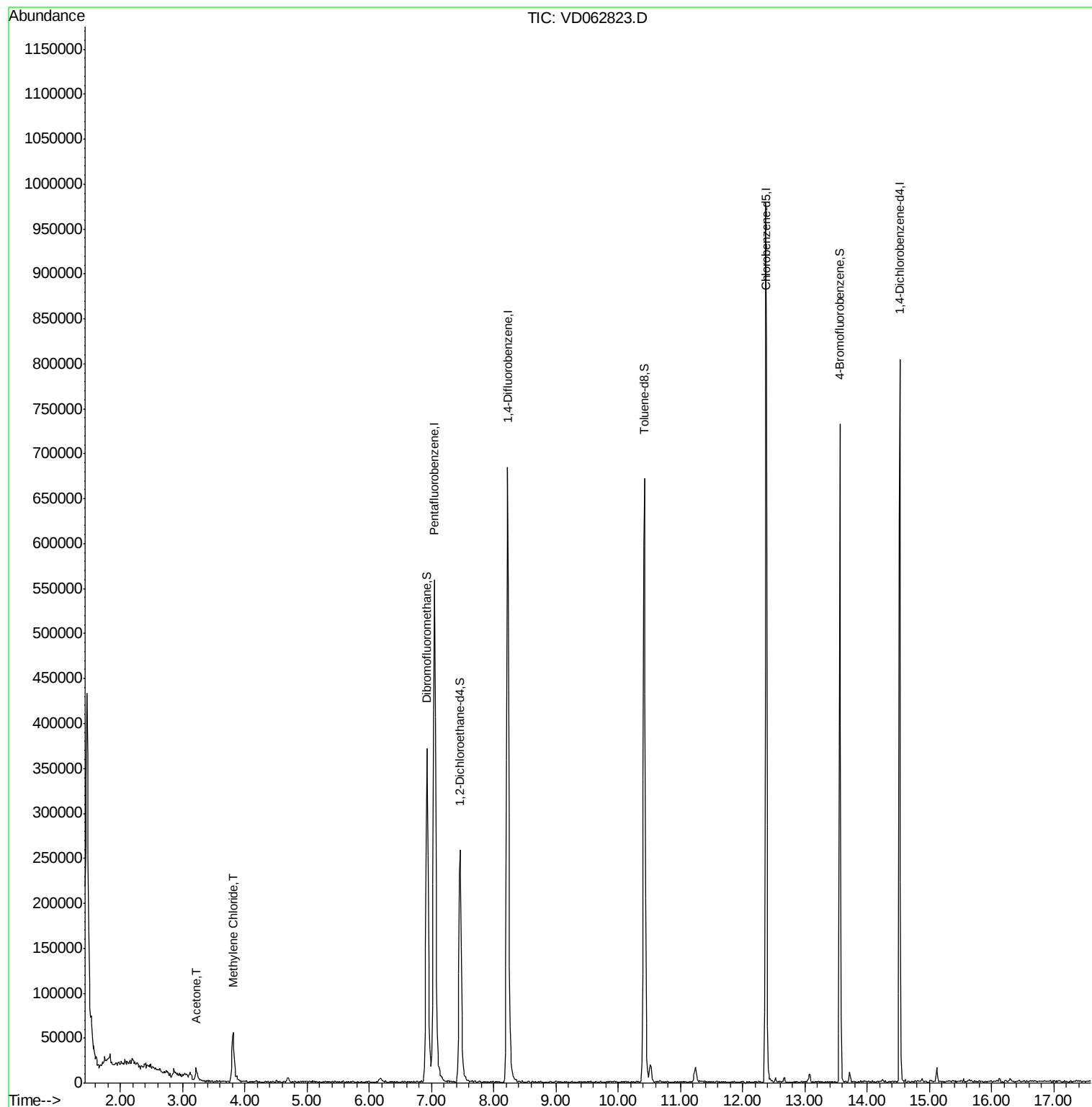
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	529851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	714715	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	507351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	171385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	307273	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	6.93	113	313360	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.42	98	532222	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
62) 4-Bromofluorobenzene	13.56	95	189588	31.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.58%	
Target Compounds						
16) Acetone	3.22	43	24774	14.625	ug/l	96
20) Methylene Chloride	3.82	84	32750	7.456	ug/l	90

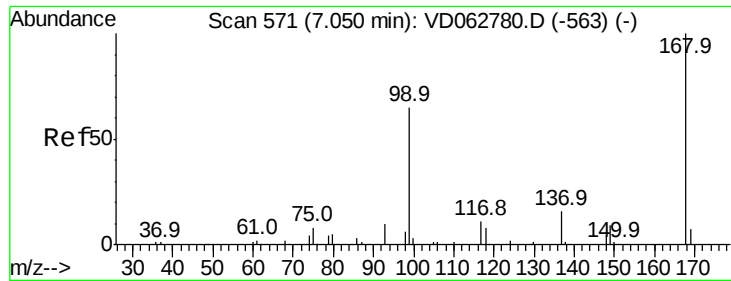
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

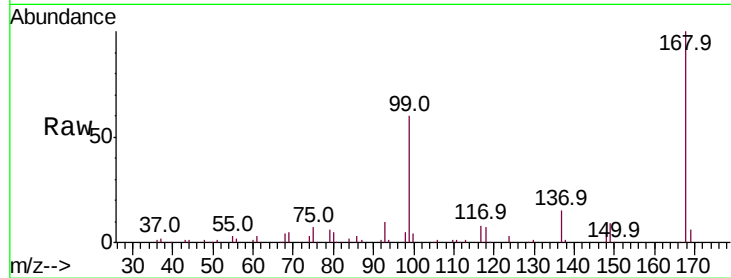
OK-03-062019RE

Tot Ion:168 Resp: 529851

Ion Ratio Lower Upper

168 100

99 60.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

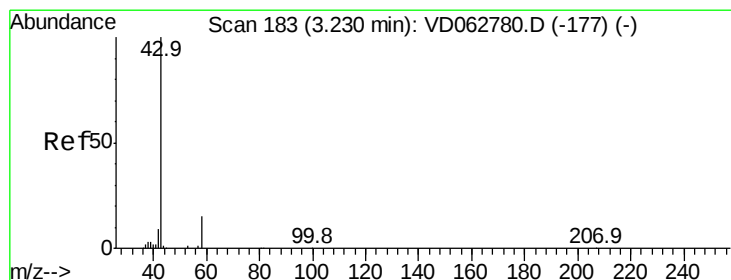
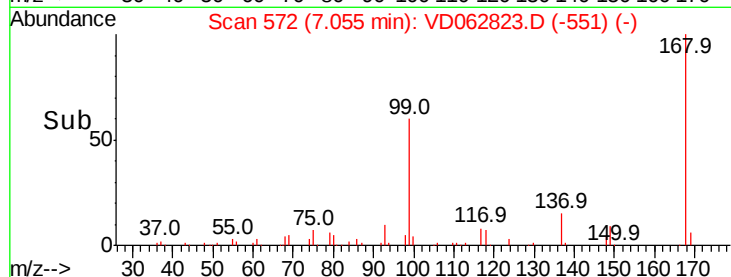
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 14.625 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062823.D

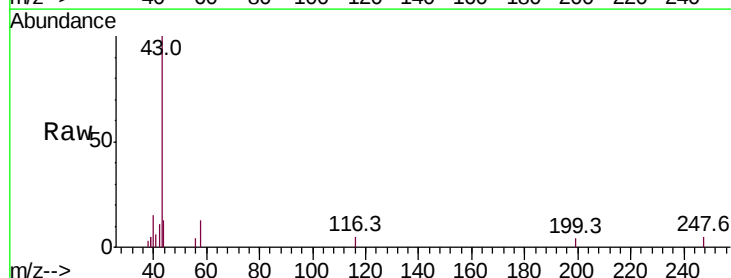
Acq: 21 Jun 2019 18:21

Tgt Ion: 43 Resp: 24774

Ion Ratio Lower Upper

43 100

58 13.4 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

6000

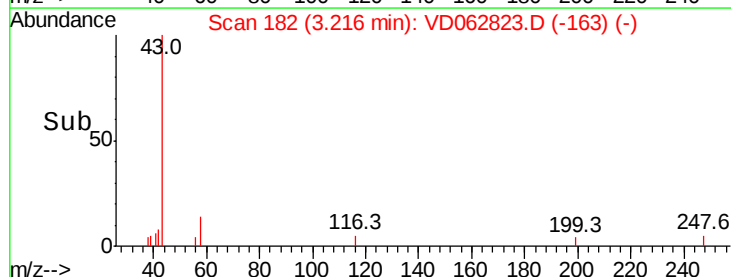
4000

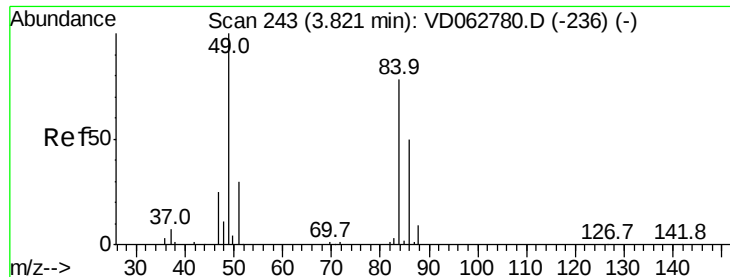
2000

0

3.10 3.20 3.30

Time-->

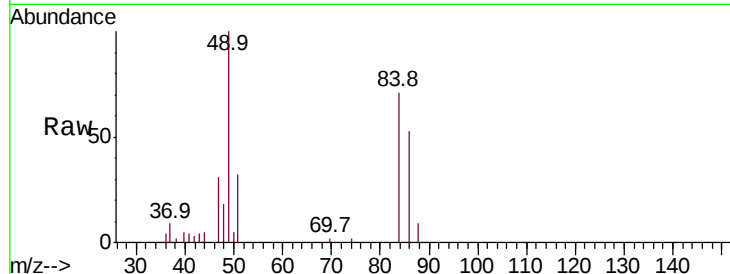




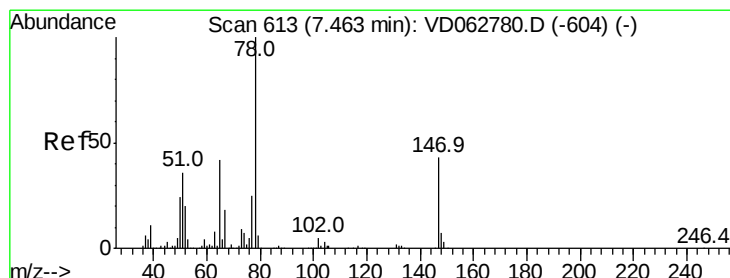
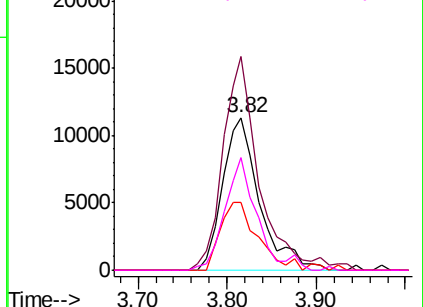
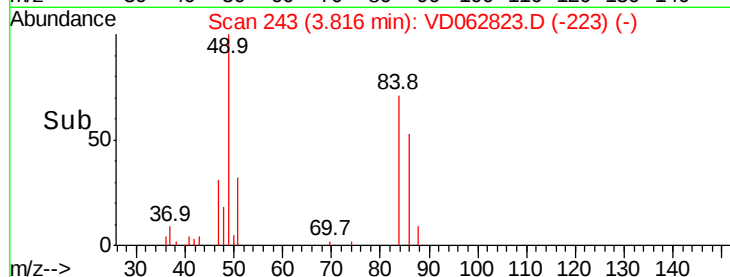
#20
Methylene Chloride
Concen: 7.456 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
OK-03-062019RE

Tot Ion: 84 Resp: 32750
Ion Ratio Lower Upper
84 100
49 140.2 102.9 154.3
51 44.2 31.2 46.8
86 73.7 51.4 77.2

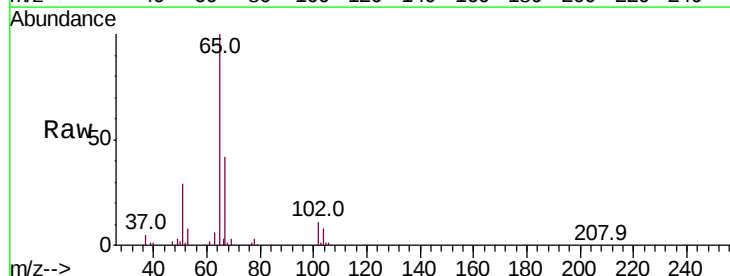


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

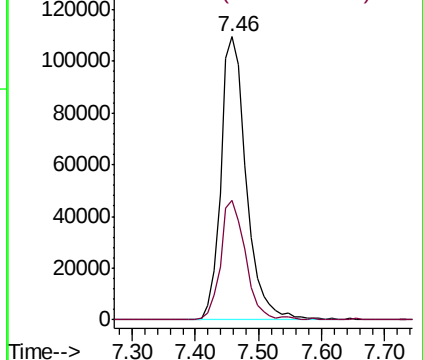
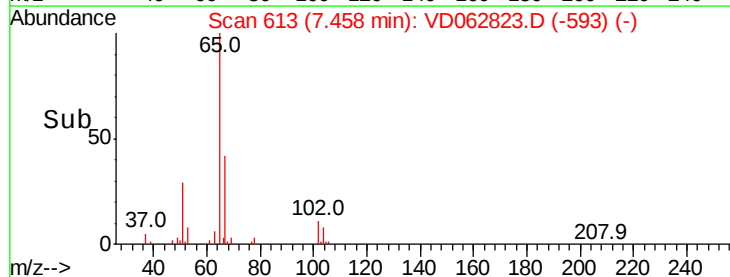


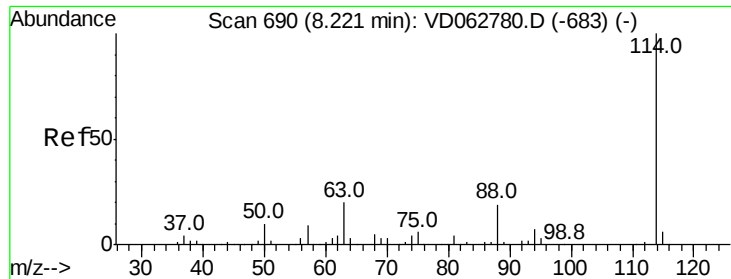
#33
1,2-Dichloroethane-d4
Concen: 53.352 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion: 65 Resp: 307273
Ion Ratio Lower Upper
65 100
67 42.4 0.0 87.4



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

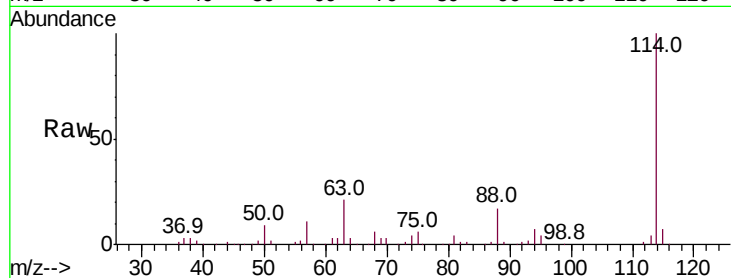




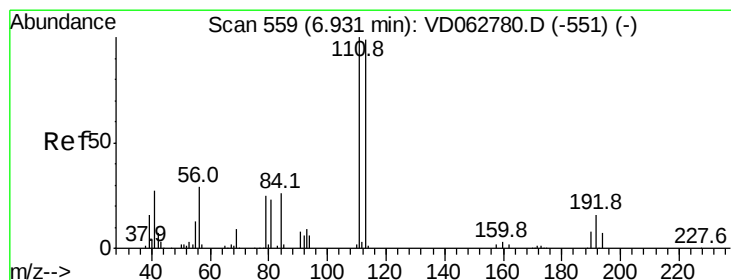
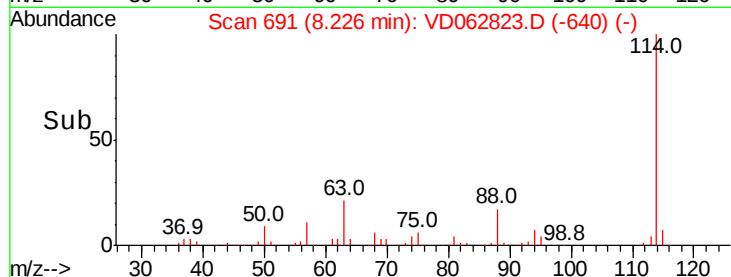
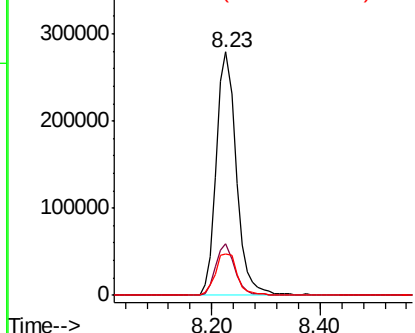
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062823.D
 Acq: 21 Jun 2019 18:21

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-062019RE

Tot Ion:114 Resp: 714715
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.0
 88 16.8 0.0 38.8

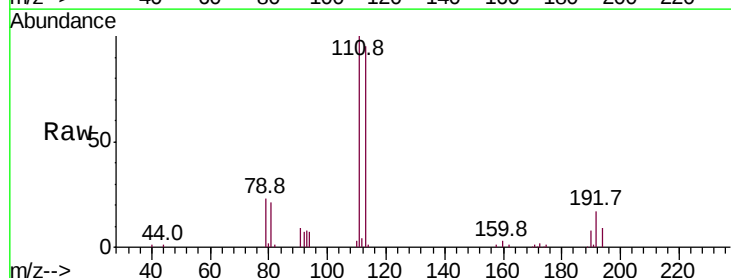


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

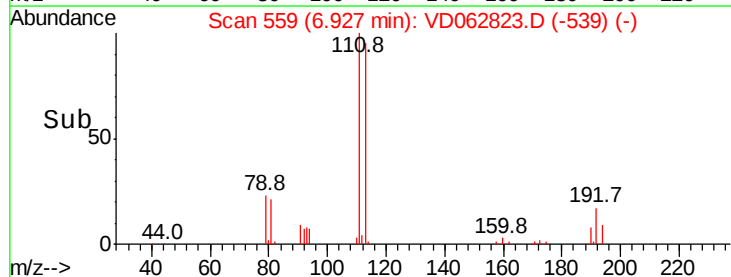
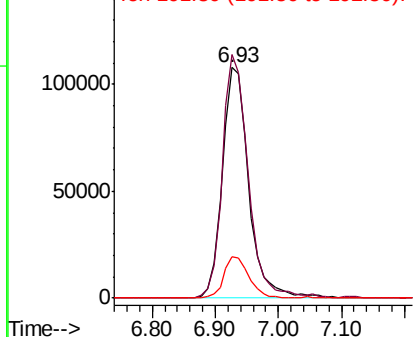


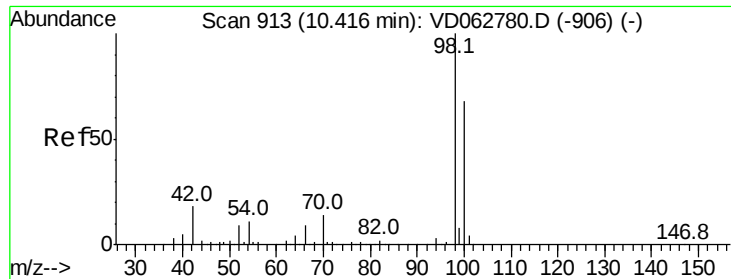
#35
 Dibromofluoromethane
 Concen: 51.997 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062823.D
 Acq: 21 Jun 2019 18:21

Tgt Ion:113 Resp: 313360
 Ion Ratio Lower Upper
 113 100
 111 105.5 81.2 121.8
 192 18.2 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

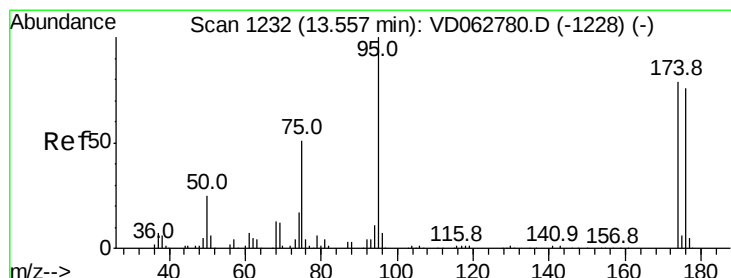
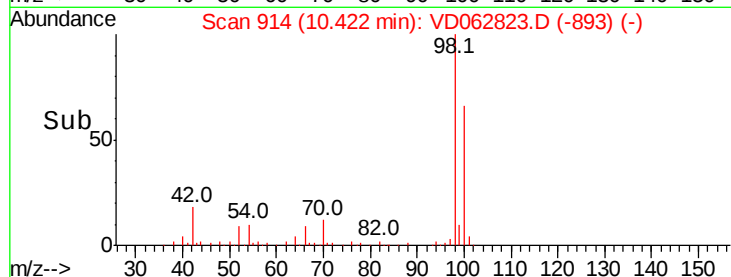
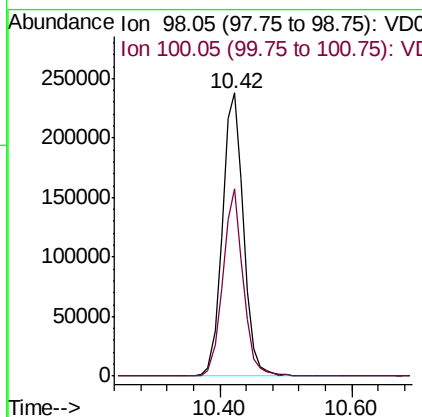
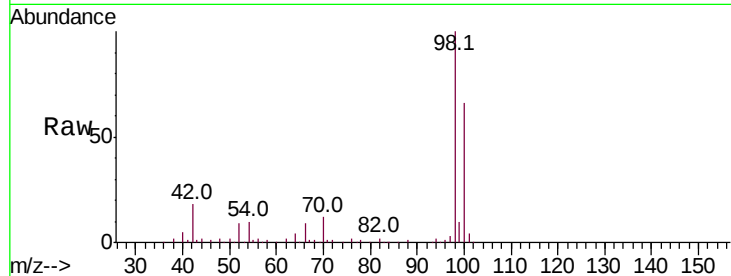




#50
Toluene-d8
Concen: 40.577 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

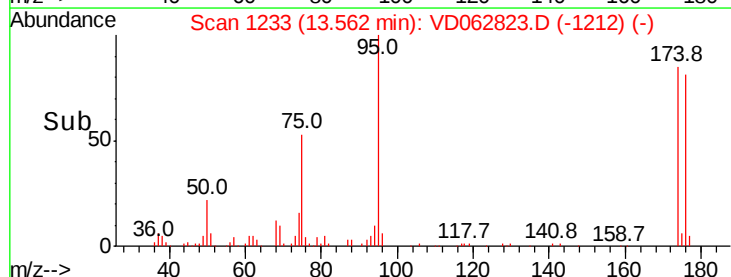
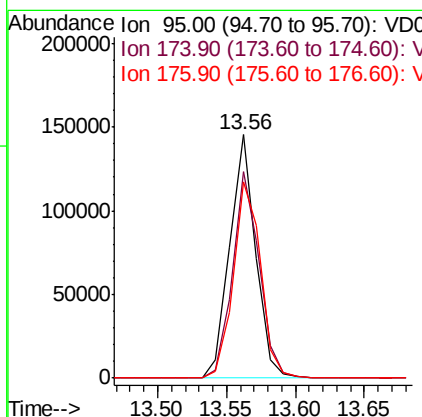
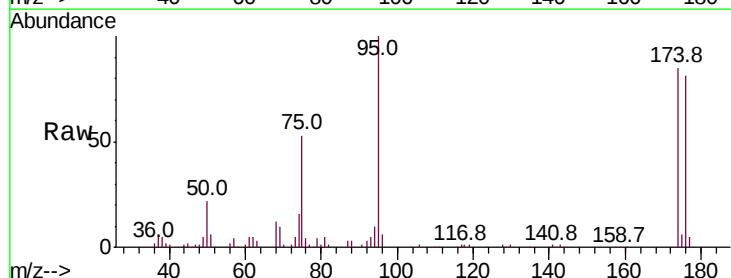
Instrument :
MSVOA_D
ClientSampleId :
OK-03-062019RE

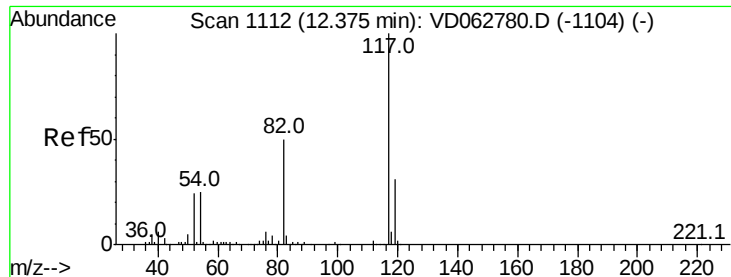
Tot Ion: 98 Resp: 532222
Ion Ratio Lower Upper
98 100
100 66.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 31.788 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion: 95 Resp: 189588
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 80.8 0.0 151.6

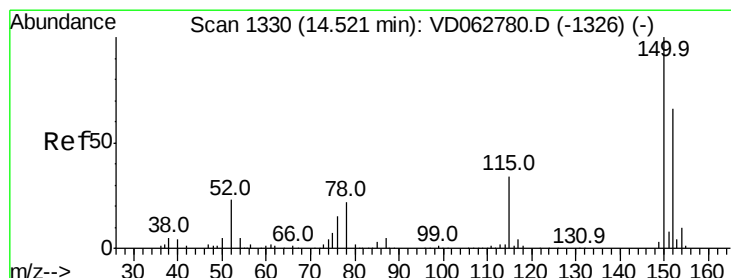
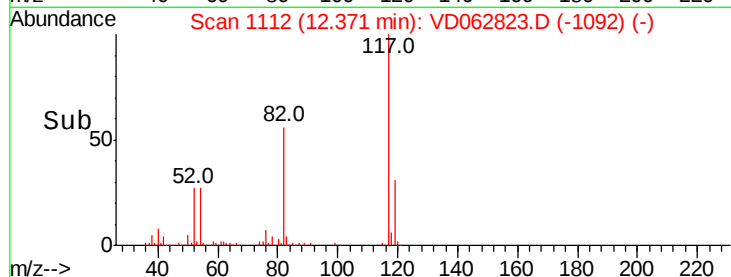
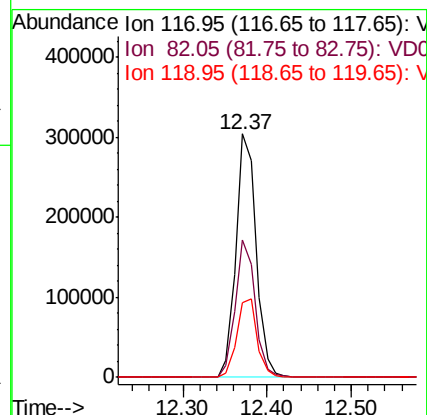
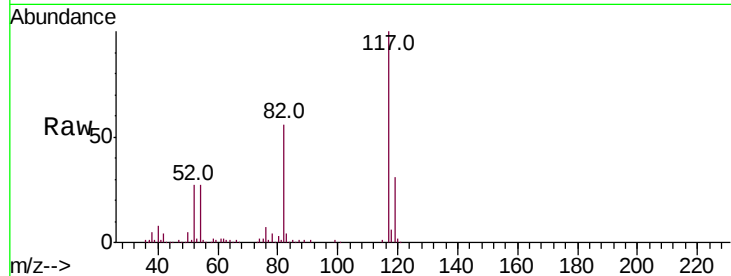




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
OK-03-062019RE

Tot Ion:117 Resp: 507351
Ion Ratio Lower Upper
117 100
82 56.3 40.4 60.6
119 30.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion:152 Resp: 171385
Ion Ratio Lower Upper
152 100
115 52.6 29.2 87.6
150 154.3 0.0 305.8

