

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064117.D
 Acq On : 30 Oct 2019 17:28
 Operator : VA/SY
 Sample : K5602-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190939-COMPOSITE-B

Quant Time: Oct 31 04:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

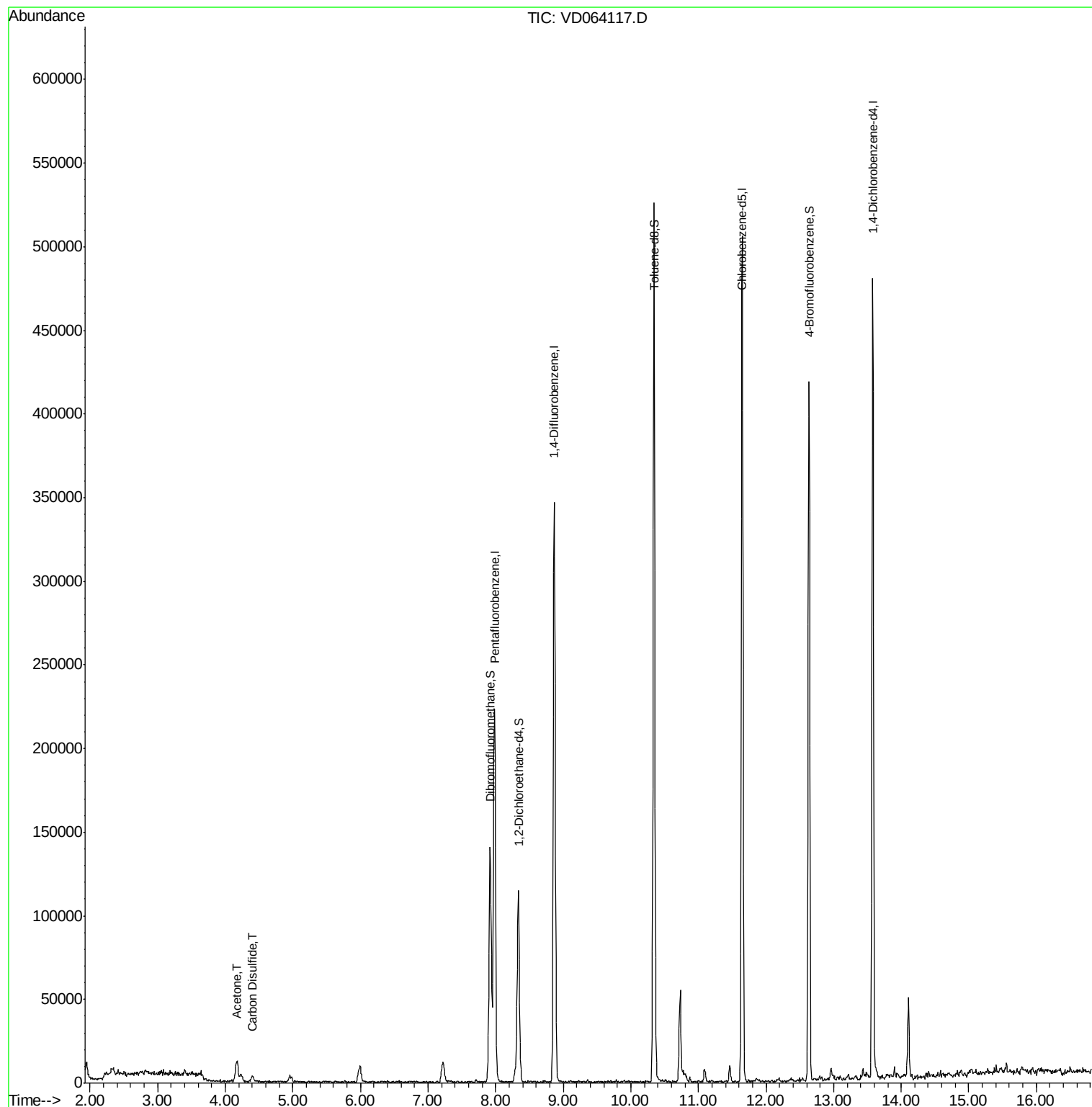
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	178288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	307106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	299535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	92941	65.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.10%	
35) Dibromofluoromethane	7.91	113	99644	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	10.34	98	367835	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.64	95	115133	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
16) Acetone	4.16	43	23205	86.012	ug/l	91
17) Carbon Disulfide	4.40	76	7545	1.588	ug/l #	90

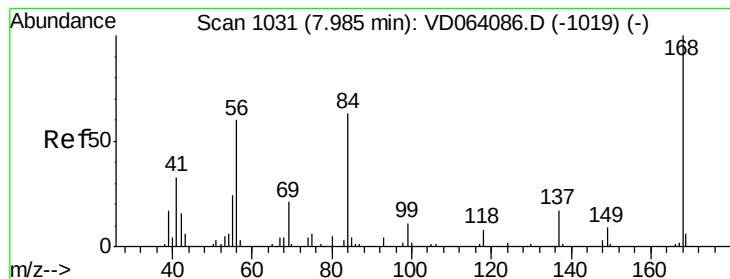
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064117.D

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MSVOA_D

ClientSampleId :

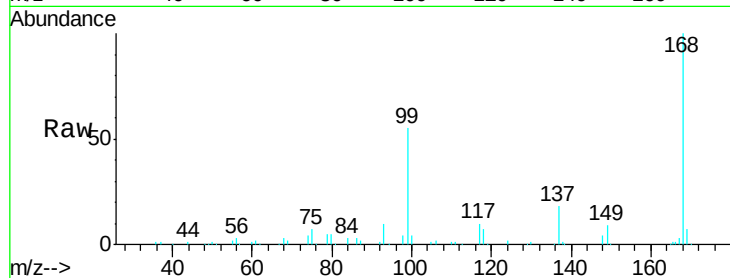
20190939-COMPOSITE-B

Tgt Ion:168 Resp: 178288

Ion Ratio Lower Upper

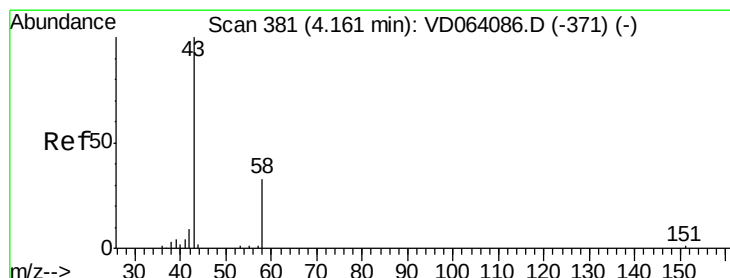
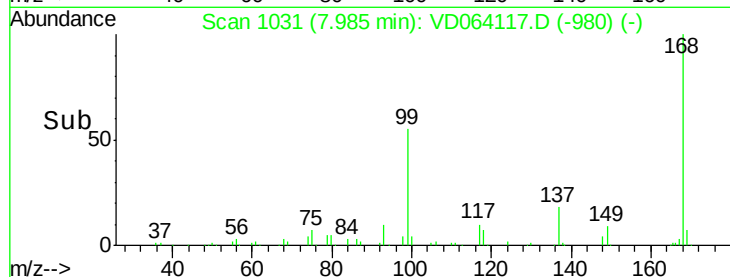
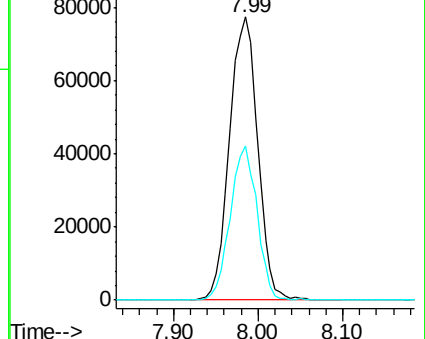
168 100

99 54.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 86.012 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD064117.D

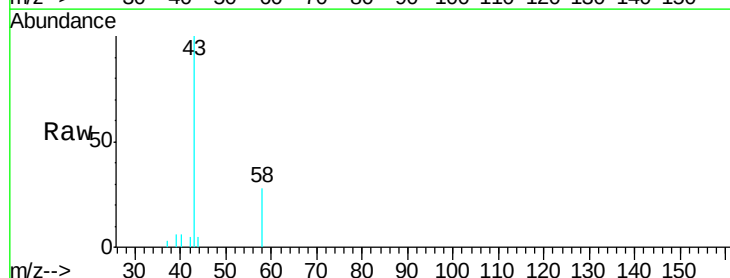
Acq: 30 Oct 2019 17:28

Tgt Ion: 43 Resp: 23205

Ion Ratio Lower Upper

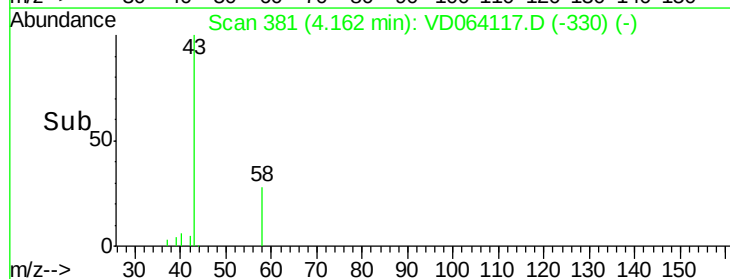
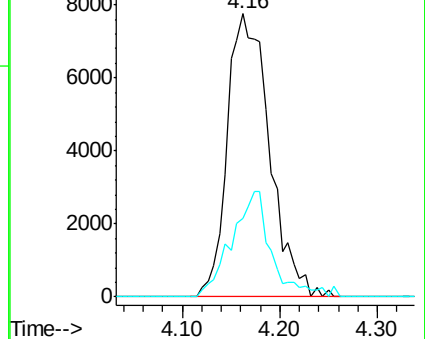
43 100

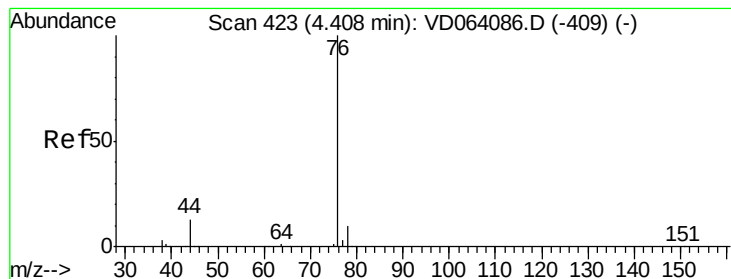
58 28.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.588 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD064117.D

Acq: 30 Oct 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

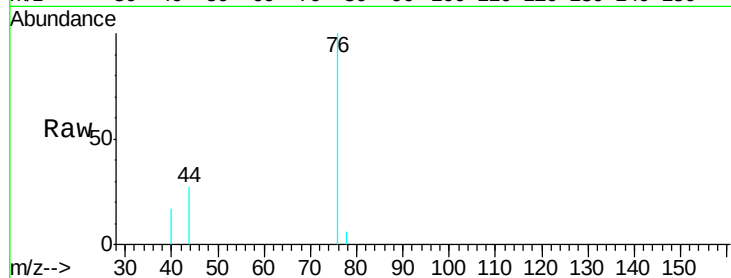
20190939-COMPOSITE-B

Tgt Ion: 76 Resp: 7545

Ion Ratio Lower Upper

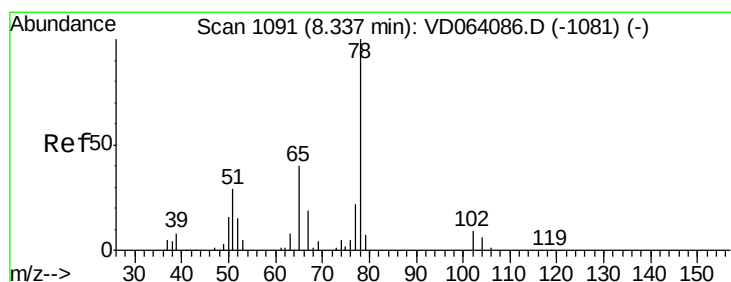
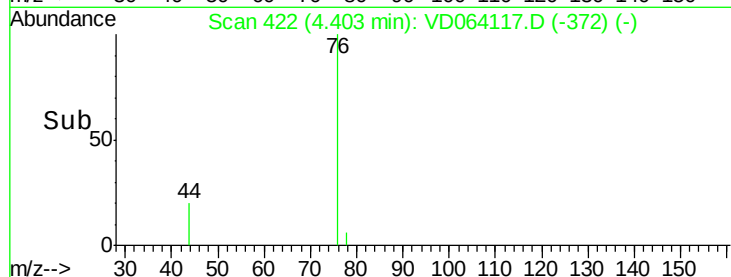
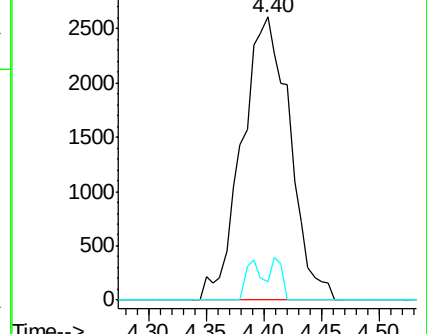
76 100

78 6.3 8.1 12.1#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 65.547 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064117.D

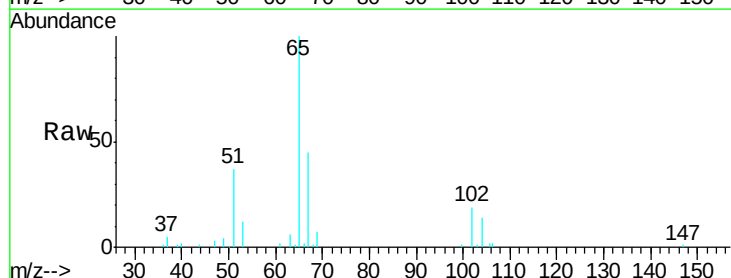
Acq: 30 Oct 2019 17:28

Tgt Ion: 65 Resp: 92941

Ion Ratio Lower Upper

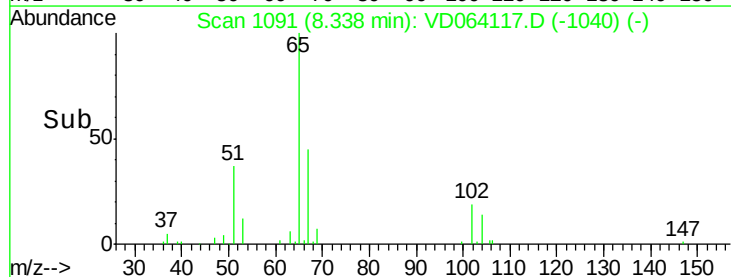
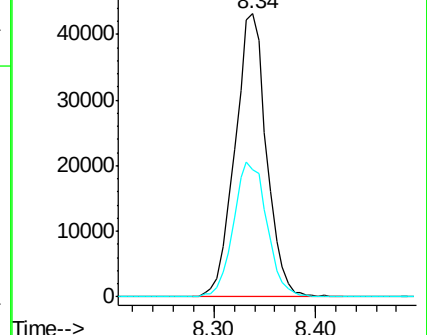
65 100

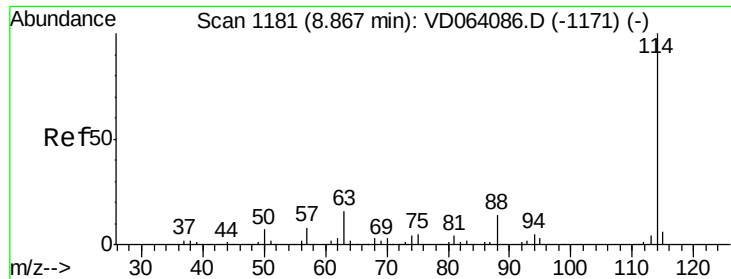
67 50.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

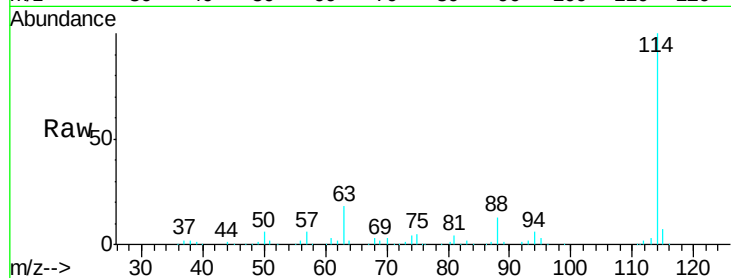




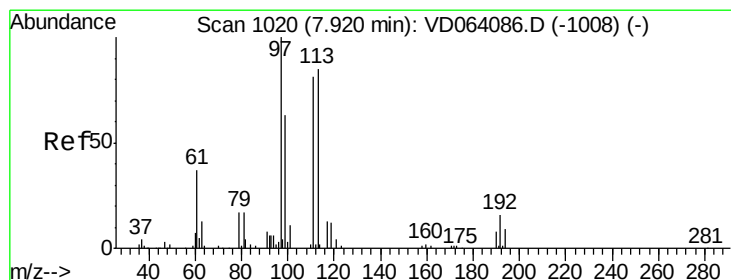
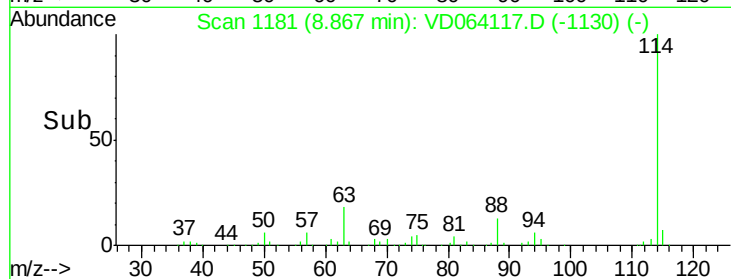
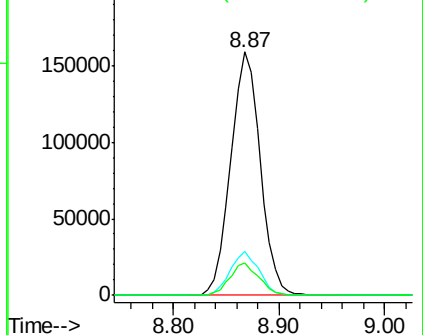
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064117.D
 Acq: 30 Oct 2019 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 20190939-COMPOSITE-B

Tgt Ion:114 Resp: 307106
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.8
 88 13.1 0.0 27.6

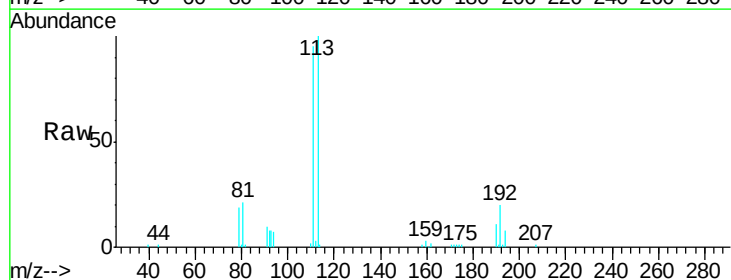


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

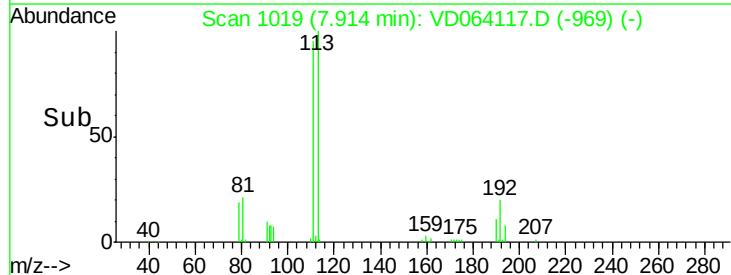
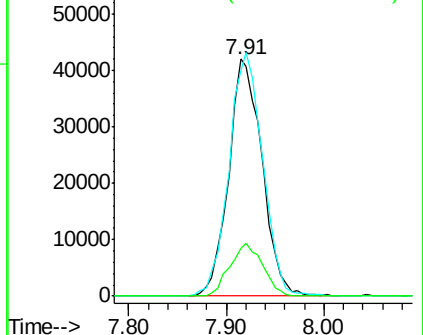


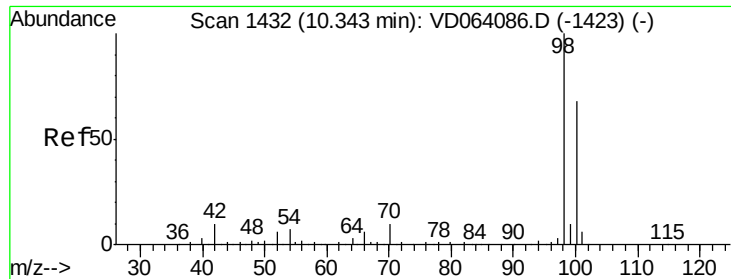
#35
 Dibromofluoromethane
 Concen: 52.738 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064117.D
 Acq: 30 Oct 2019 17:28

Tgt Ion:113 Resp: 99644
 Ion Ratio Lower Upper
 113 100
 111 103.6 79.3 118.9
 192 21.8 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.681 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064117.D

Acq: 30 Oct 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

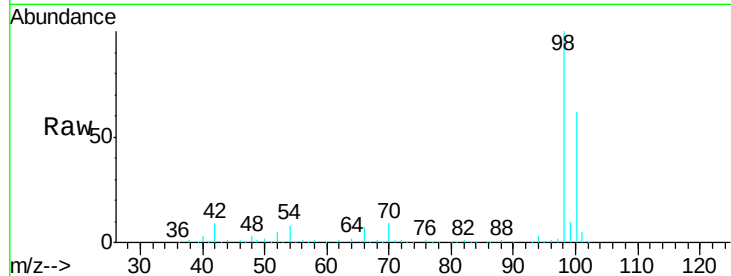
20190939-COMPOSITE-B

Tgt Ion: 98 Resp: 367835

Ion Ratio Lower Upper

98 100

100 65.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

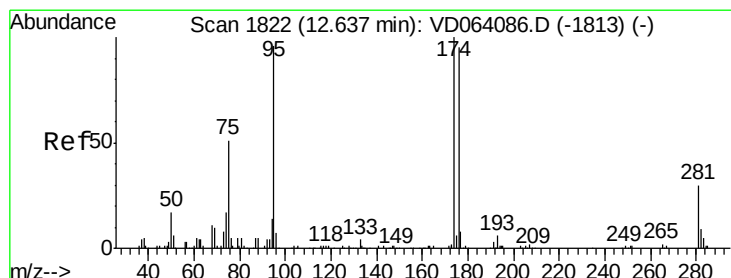
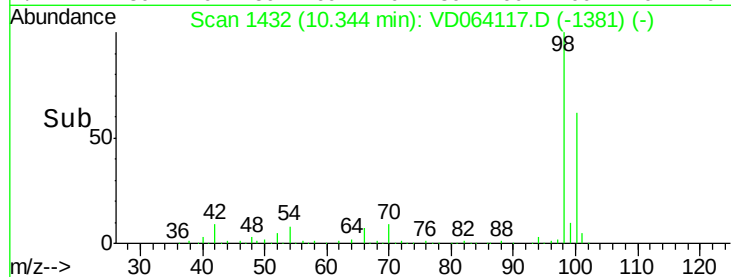
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.960 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064117.D

Acq: 30 Oct 2019 17:28

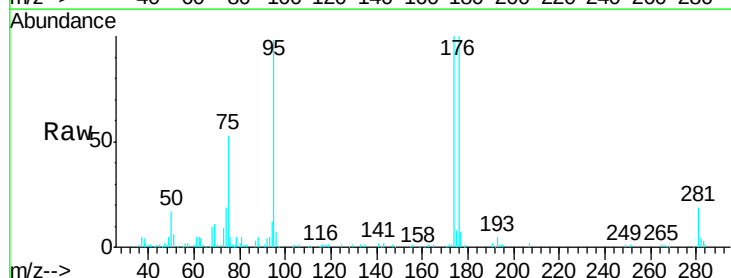
Tgt Ion: 95 Resp: 115133

Ion Ratio Lower Upper

95 100

174 100.5 0.0 201.6

176 95.9 0.0 192.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

80000

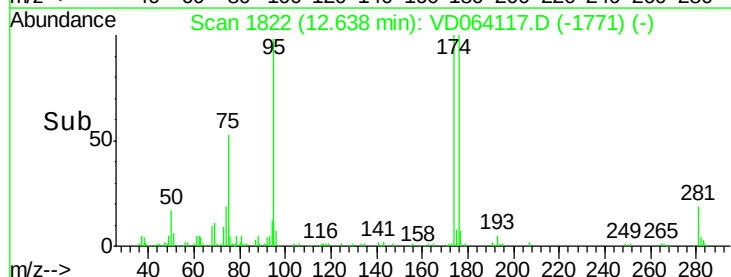
60000

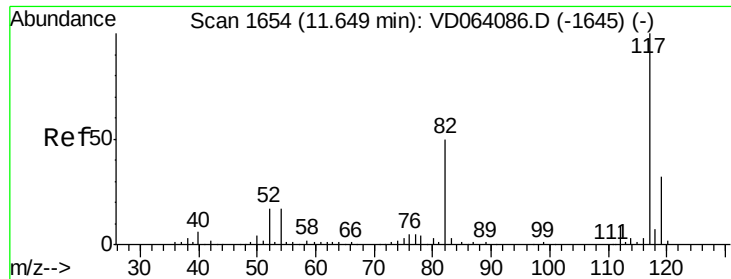
40000

20000

0

Time-->

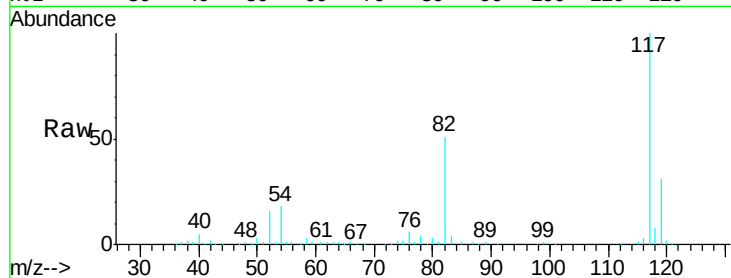




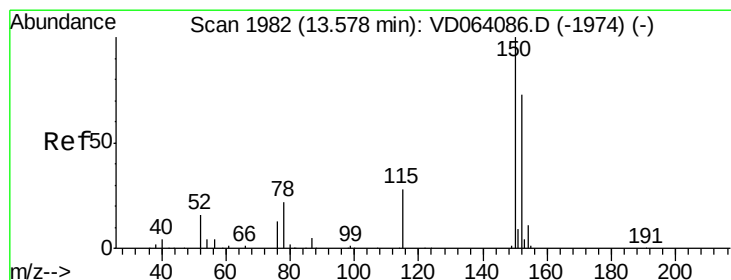
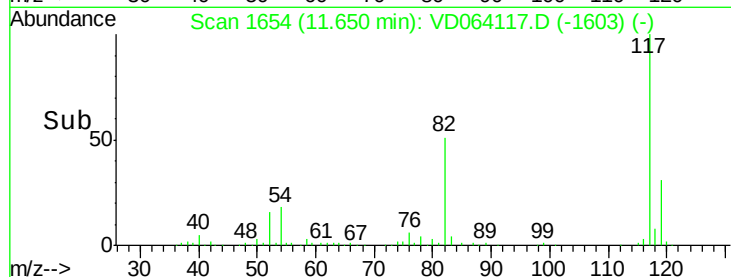
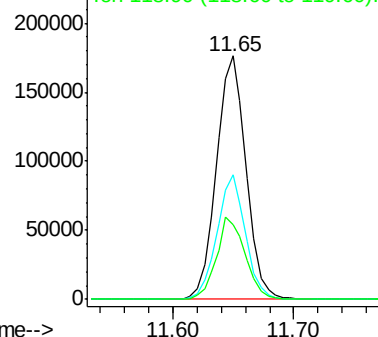
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064117.D
Acq: 30 Oct 2019 17:28

Instrument :
MSVOA_D
ClientSampleId :
20190939-COMPOSITE-B

Tgt Ion:117 Resp: 299535
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 30.8 26.0 39.0

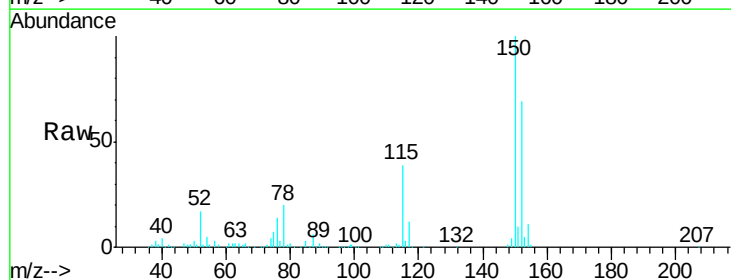


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064117.D
Acq: 30 Oct 2019 17:28

Tgt Ion:152 Resp: 128582
Ion Ratio Lower Upper
152 100
115 55.7 26.2 78.6
150 153.6 0.0 338.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

