

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066468.D
 Acq On : 28 Aug 2020 19:03
 Operator : VA/SY
 Sample : L3828-02
 Misc : 6.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-1

Quant Time: Aug 29 05:10:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

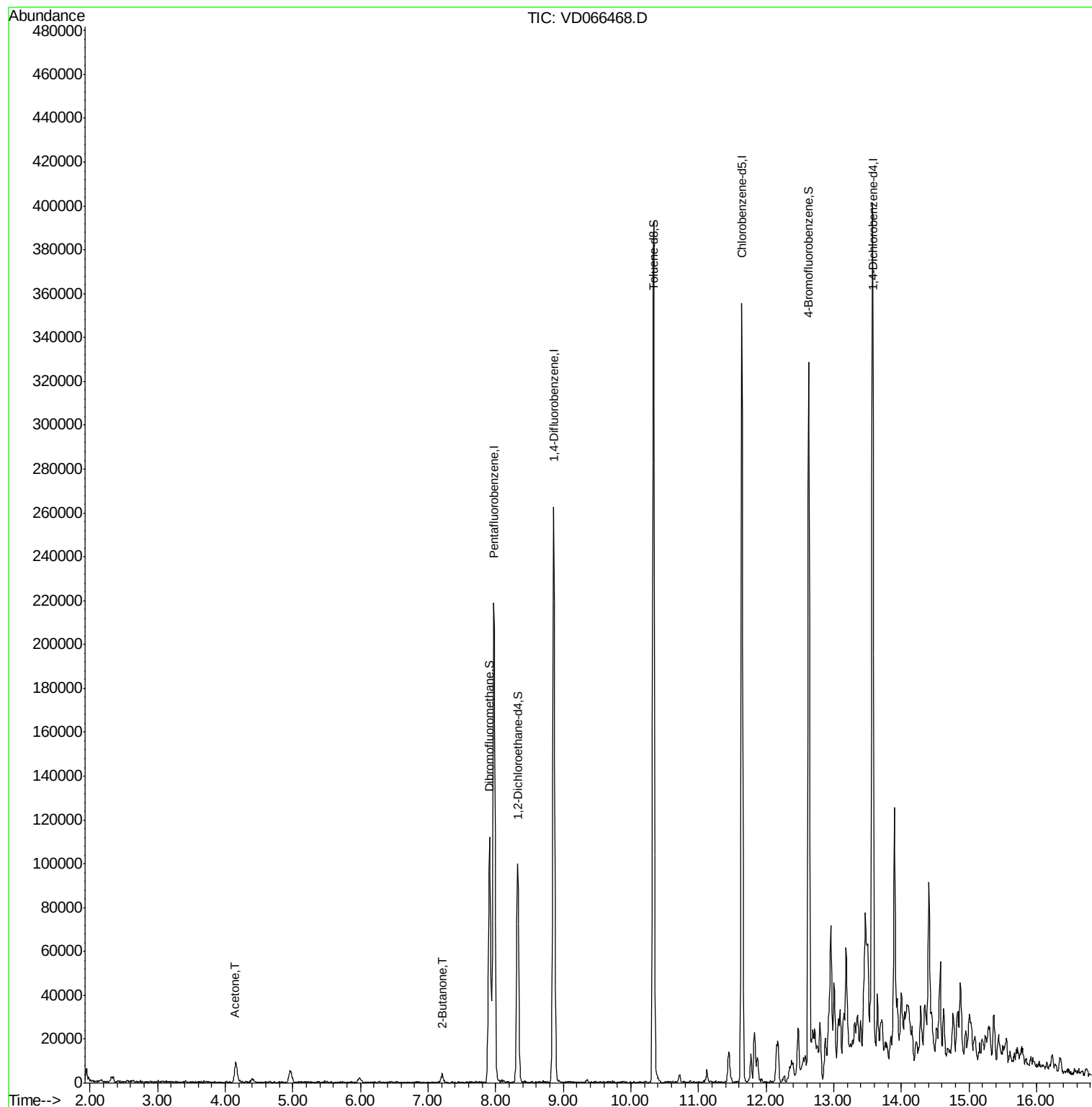
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	161758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	222733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	202839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	99985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	92345	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	7.91	113	70964	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.34	98	257200	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.63	95	89539	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
Target Compounds						
16) Acetone	4.15	43	16536	57.837	ug/l #	88
25) 2-Butanone	7.21	43	4577	14.102	ug/l #	83

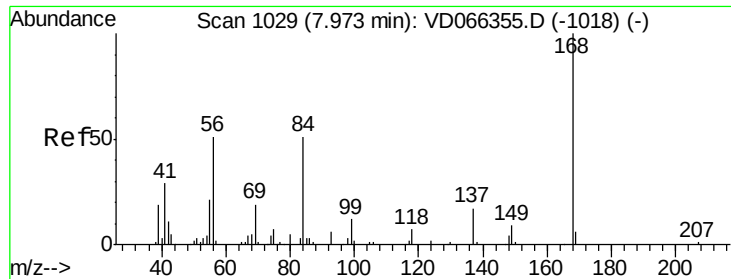
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066468.D

Acq: 28 Aug 2020 19:03

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MSVOA_D

ClientSampleId :

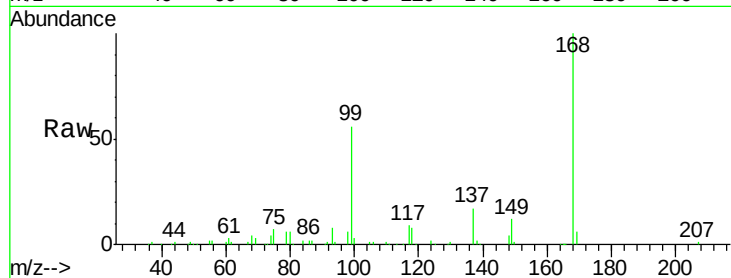
BS-1

Tot Ion:168 Resp: 161758

Ion Ratio Lower Upper

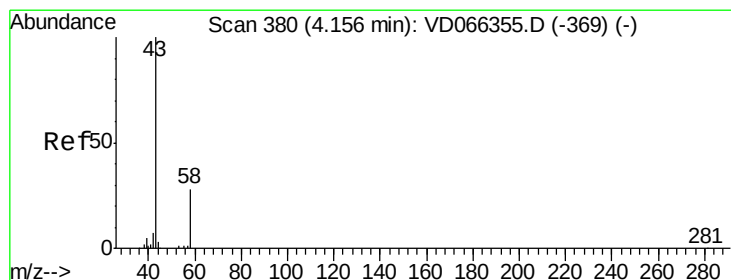
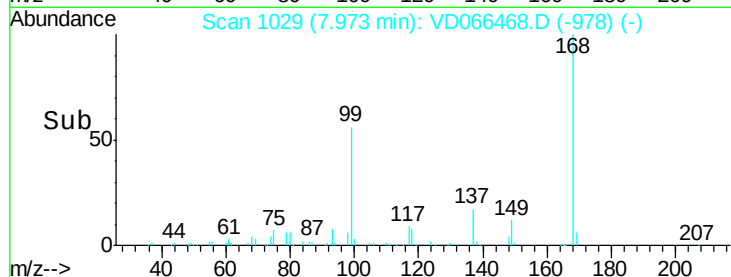
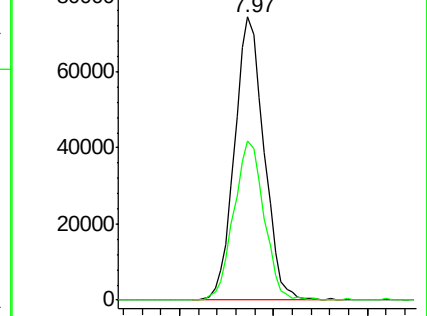
168 100

99 56.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 57.837 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066468.D

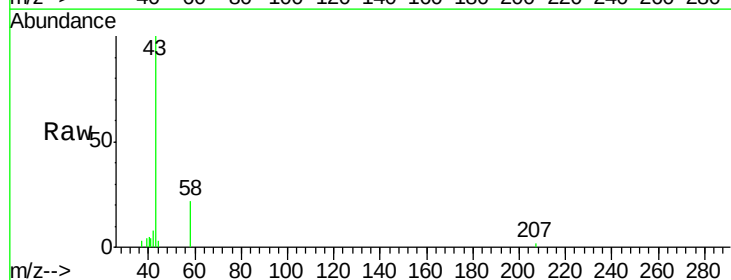
Acq: 28 Aug 2020 19:03

Tgt Ion: 43 Resp: 16536

Ion Ratio Lower Upper

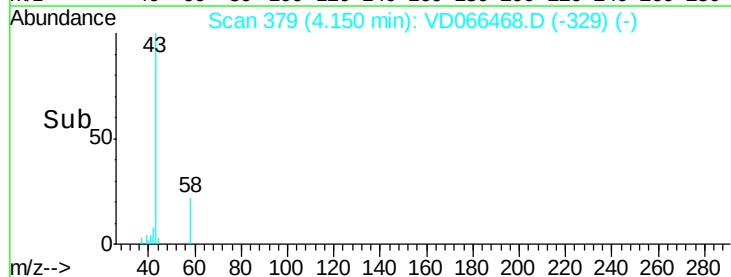
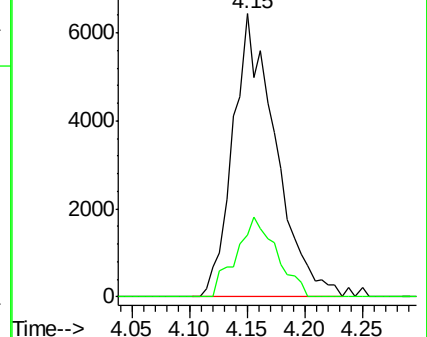
43 100

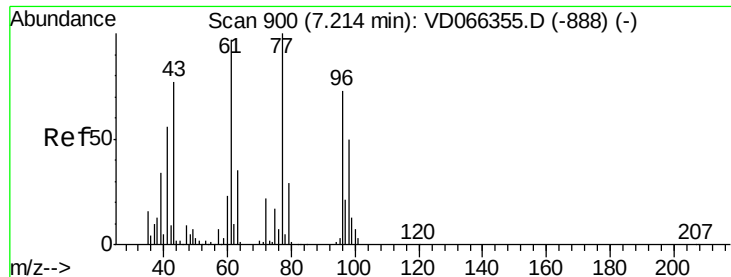
58 22.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 14.102 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066468.D

Acq: 28 Aug 2020 19:03

Instrument :

MSVOA_D

ClientSampled :

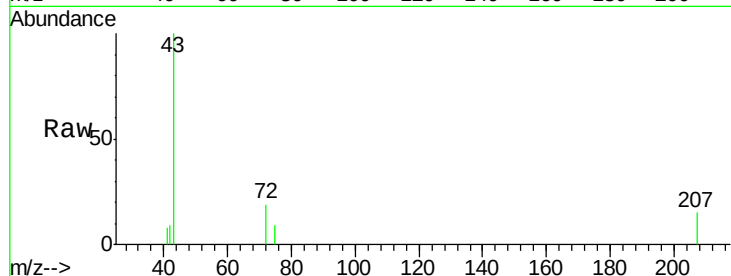
BS-1

Tot Ion: 43 Resp: 4577

Ion Ratio Lower Upper

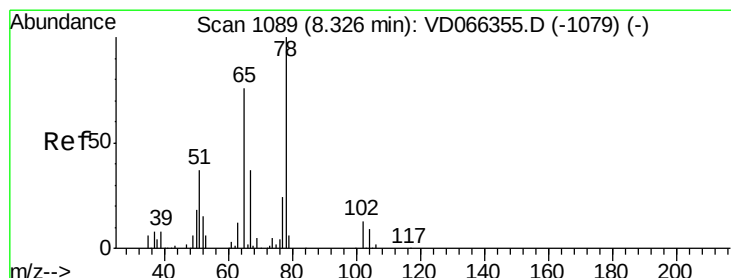
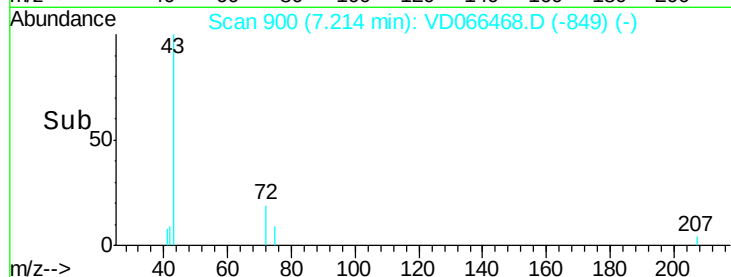
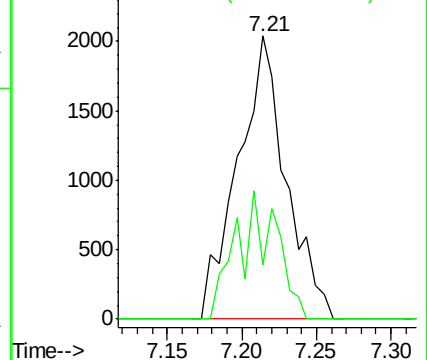
43 100

72 19.0 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.230 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066468.D

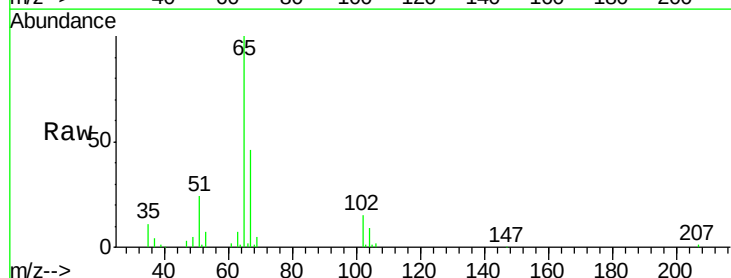
Acq: 28 Aug 2020 19:03

Tgt Ion: 65 Resp: 92345

Ion Ratio Lower Upper

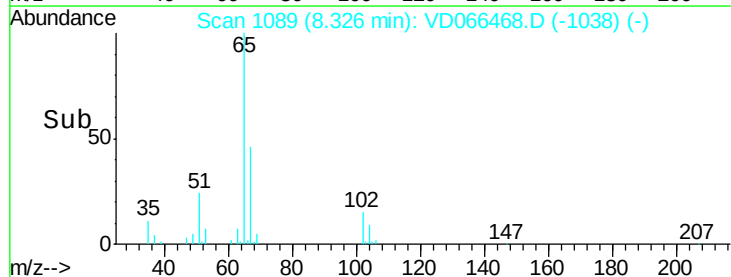
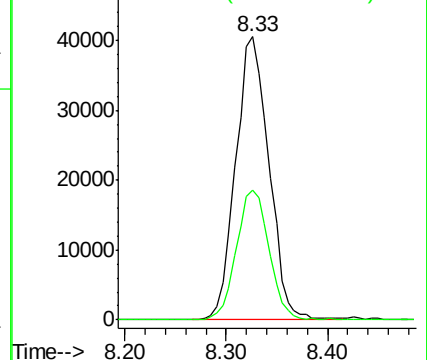
65 100

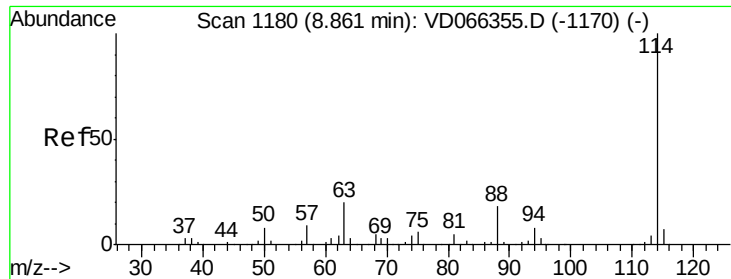
67 44.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

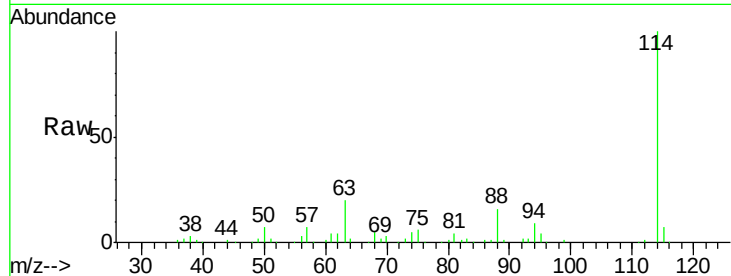




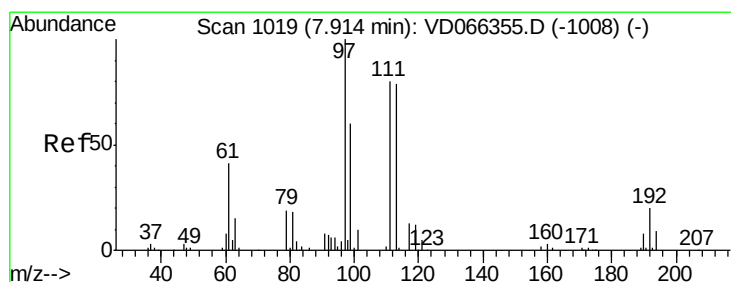
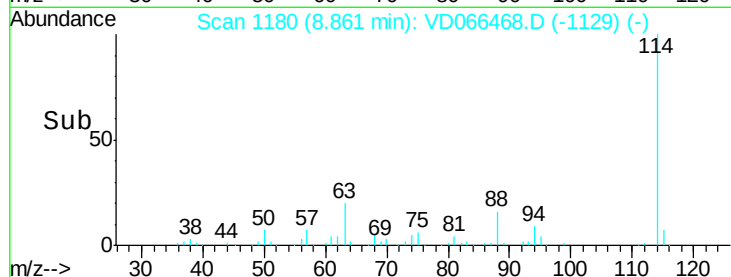
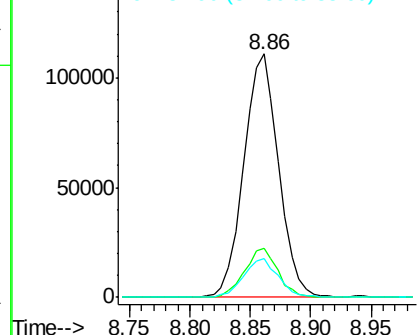
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066468.D
 Acq: 28 Aug 2020 19:03

Instrument :
 MSVOA_D
 ClientSampled :
 BS-1

Tot Ion:114 Resp: 222733
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.9 0.0 35.4

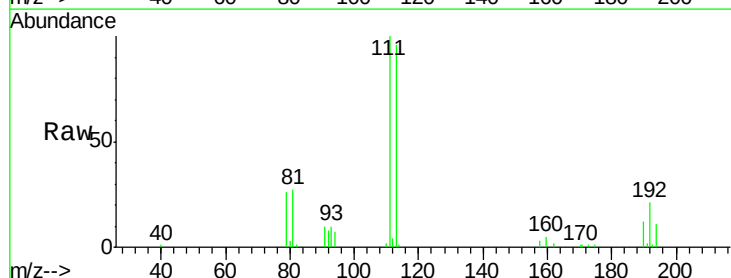


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

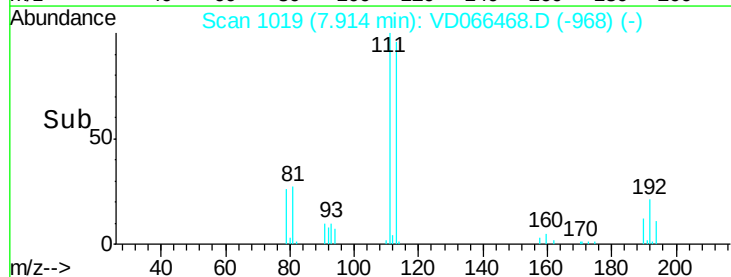
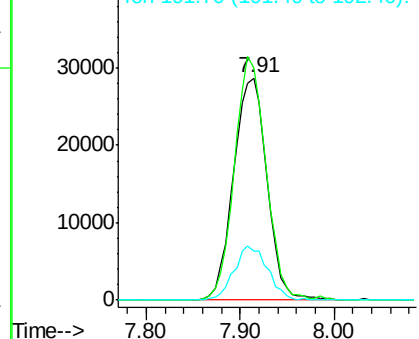


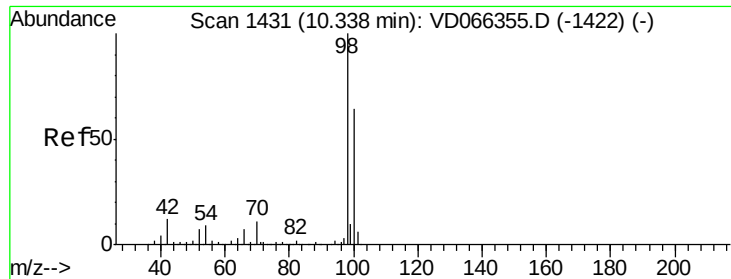
#35
 Dibromofluoromethane
 Concen: 50.952 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066468.D
 Acq: 28 Aug 2020 19:03

Tgt Ion:113 Resp: 70964
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.3 120.5
 192 24.4 19.0 28.6



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

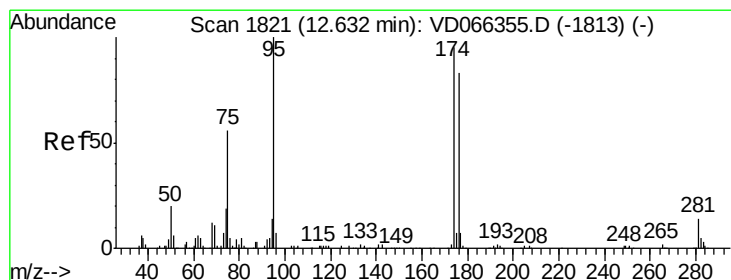
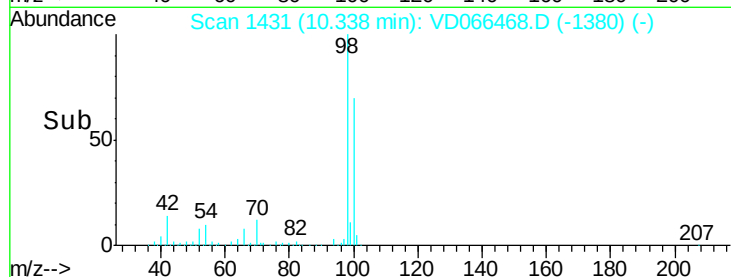
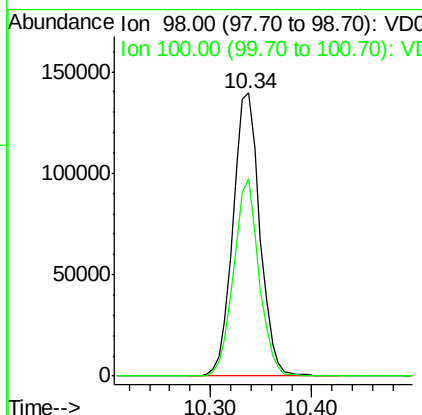
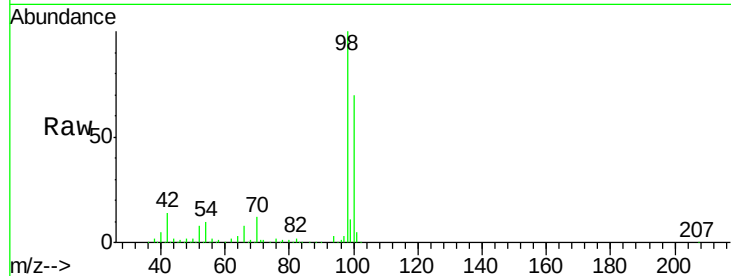




#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066468.D
Acq: 28 Aug 2020 19:03

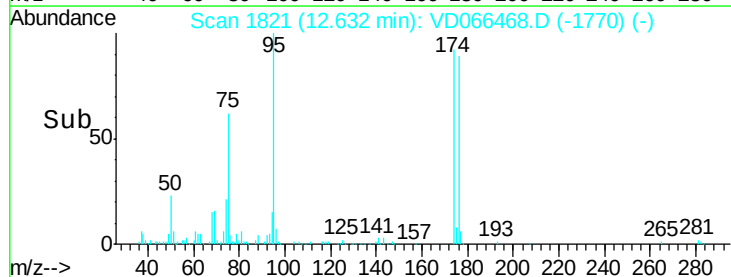
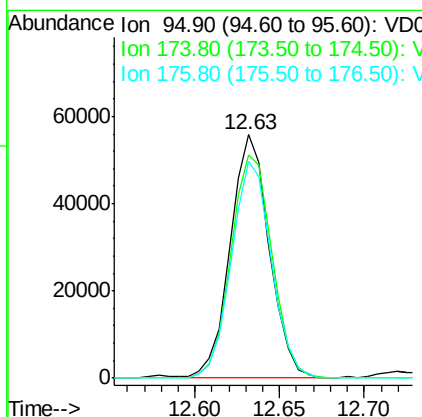
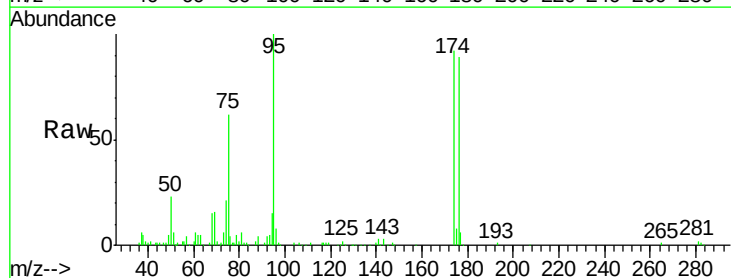
Instrument :
MSVOA_D
ClientSampleId :
BS-1

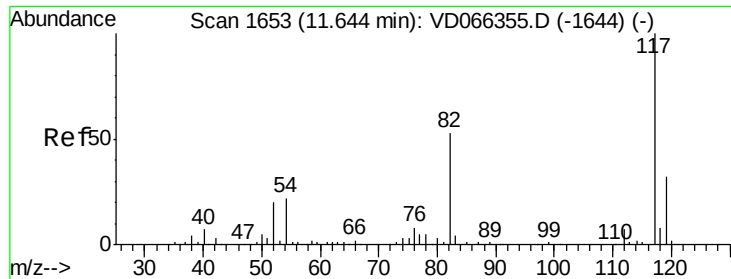
Tot Ion: 98 Resp: 257200
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066468.D
Acq: 28 Aug 2020 19:03

Tgt Ion: 95 Resp: 89539
Ion Ratio Lower Upper
95 100
174 96.3 0.0 183.4
176 90.9 0.0 173.8

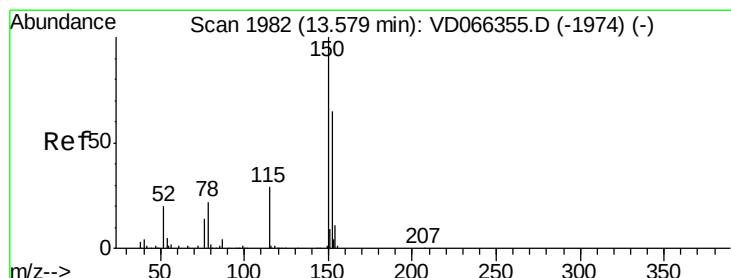
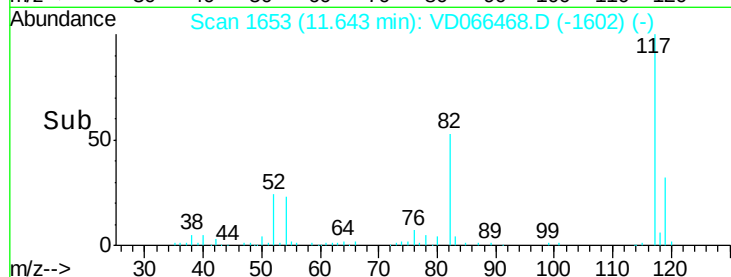
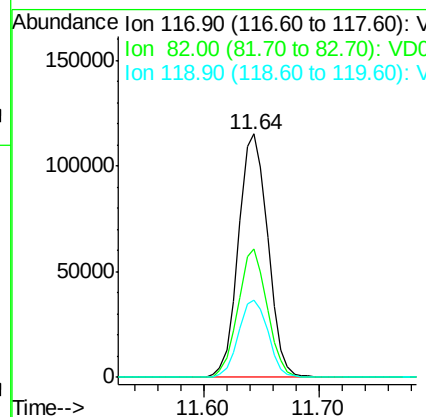
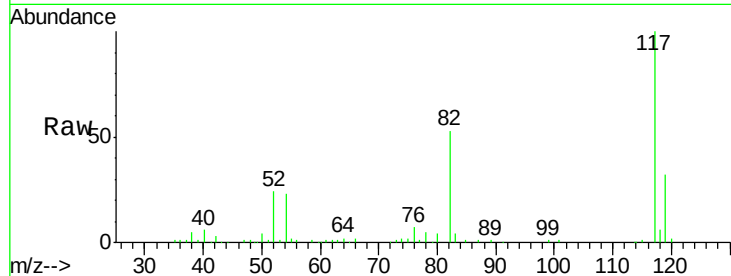




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066468.D
Acq: 28 Aug 2020 19:03

Instrument :
MSVOA_D
ClientSampleId :
BS-1

Tot Ion:117 Resp: 202839
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066468.D
Acq: 28 Aug 2020 19:03

Tgt Ion:152 Resp: 99985
Ion Ratio Lower Upper
152 100
115 55.5 28.3 85.0
150 156.0 0.0 343.2

