

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066216.D
 Acq On : 13 Aug 2020 17:56
 Operator : VA/SY
 Sample : L3653-01
 Misc : 7.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BW-STOCK

Quant Time: Aug 14 03:38:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

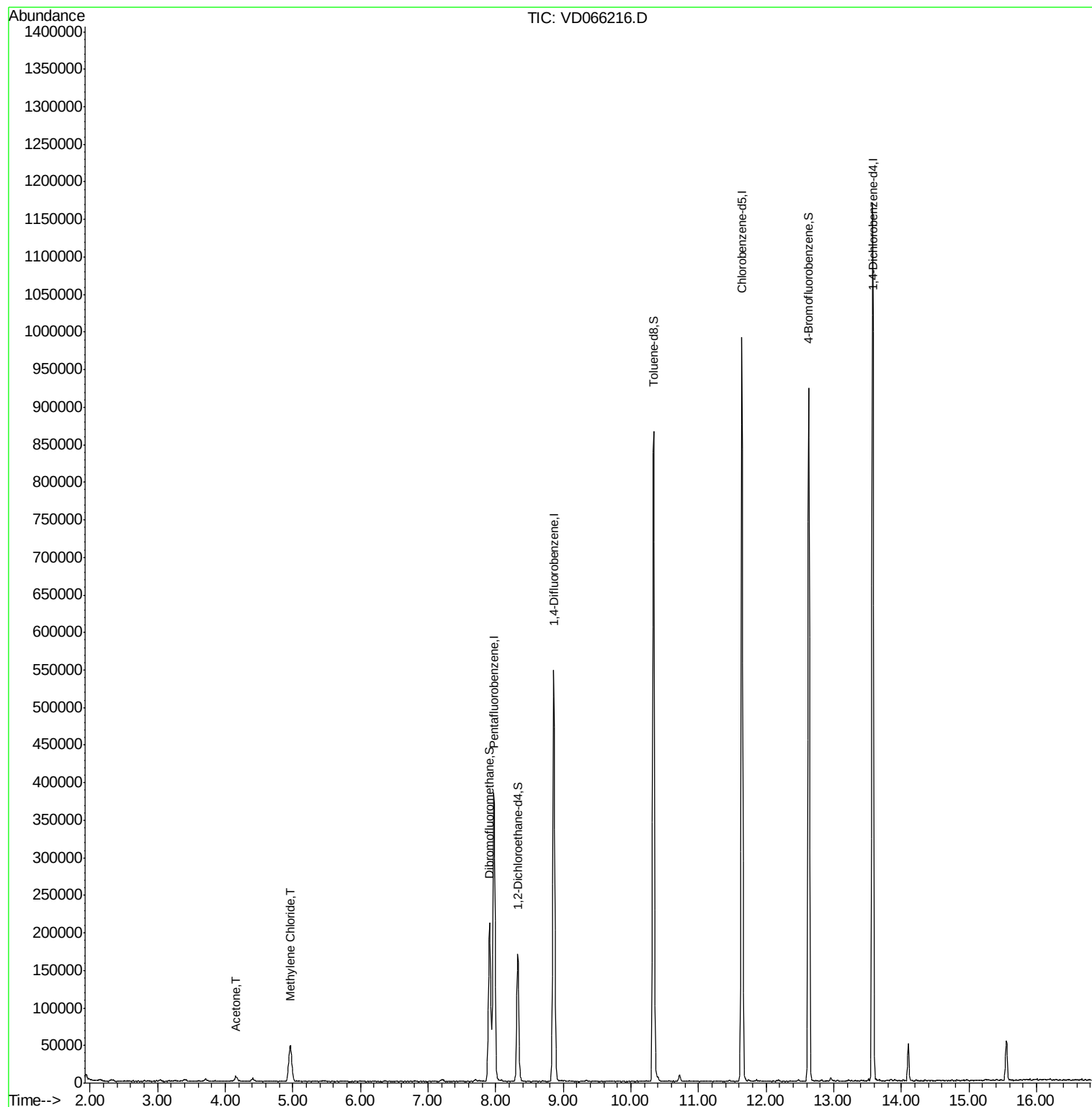
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	300465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	485643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	573483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135181	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.91	113	153368	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.34	98	592952	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.63	95	281646	68.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.64%	
Target Compounds						
16) Acetone	4.16	43	13024	25.606	ug/l	90
20) Methylene Chloride	4.97	84	38246	9.296	ug/l	91

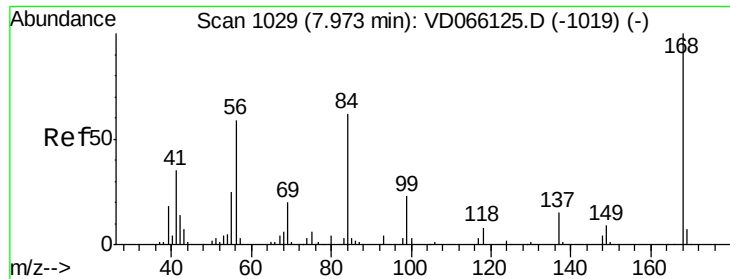
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

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Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

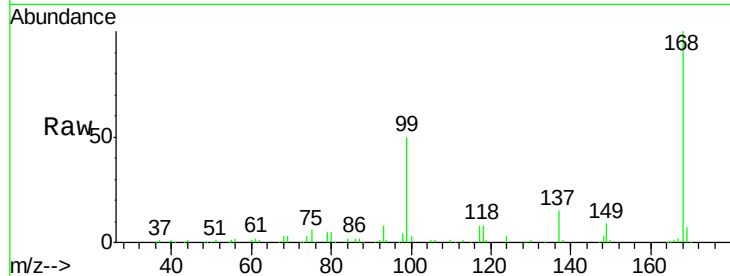
BW-STOCK

Tot Ion:168 Resp: 300465

Ion Ratio Lower Upper

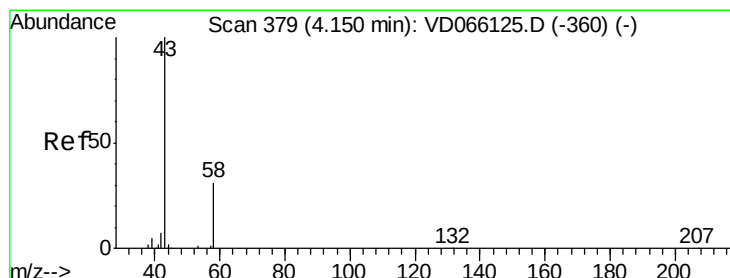
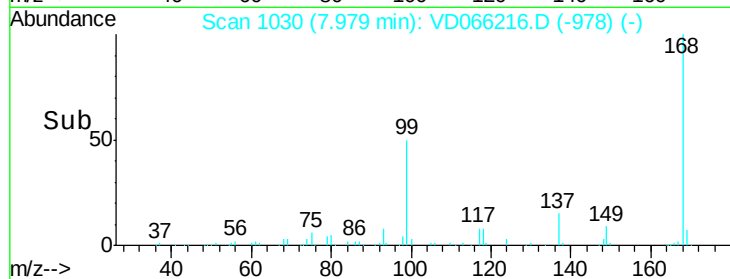
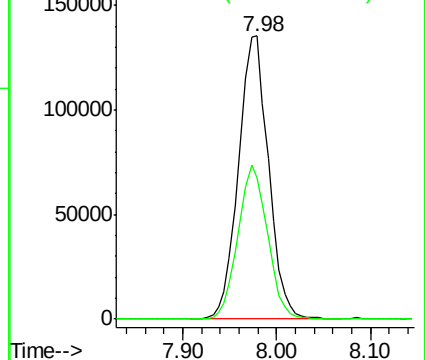
168 100

99 50.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 25.606 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066216.D

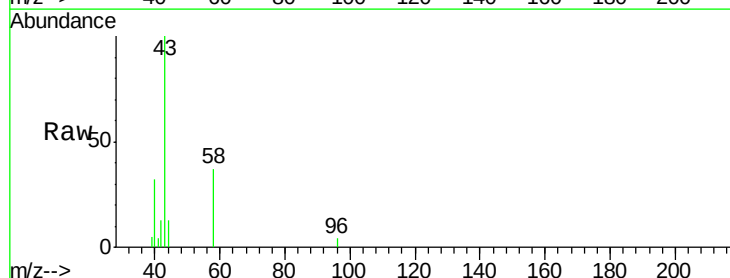
Acq: 13 Aug 2020 17:56

Tgt Ion: 43 Resp: 13024

Ion Ratio Lower Upper

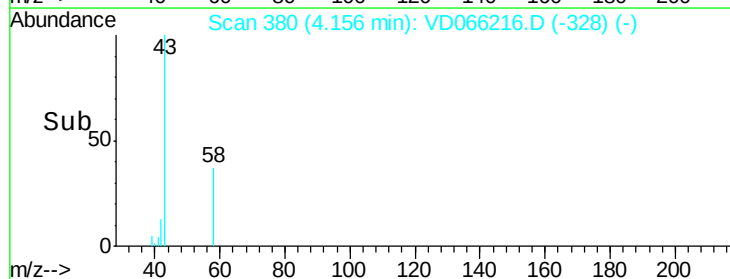
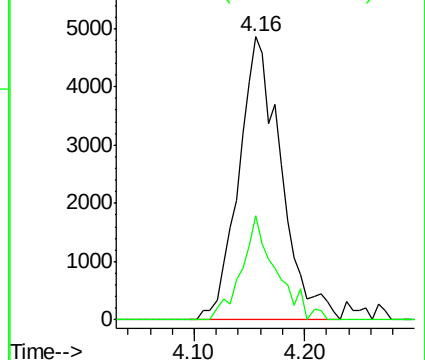
43 100

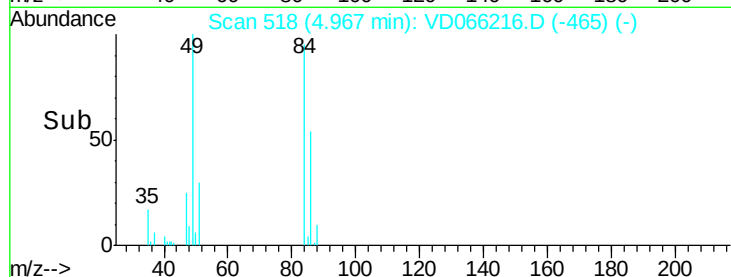
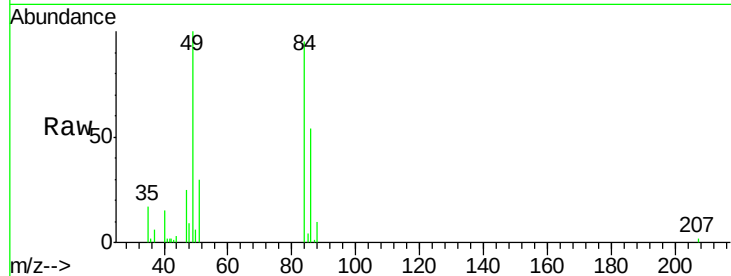
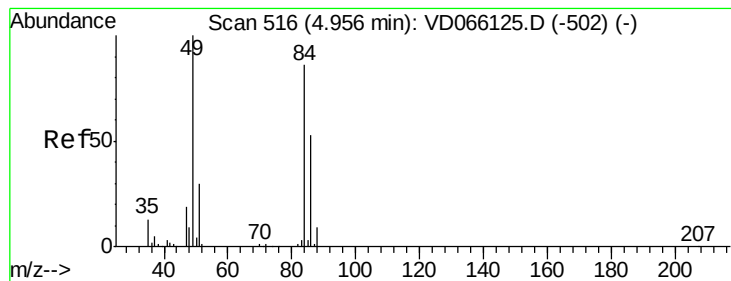
58 36.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 9.296 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

BW-STOCK

Tot Ion: 84 Resp: 38246

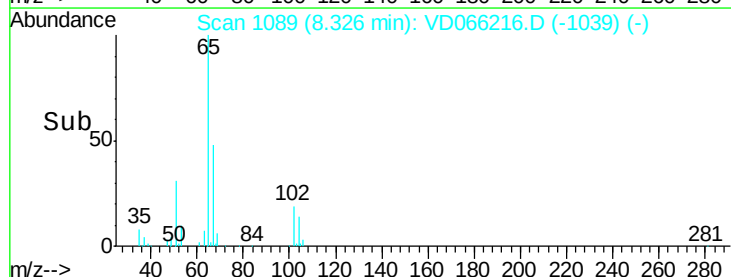
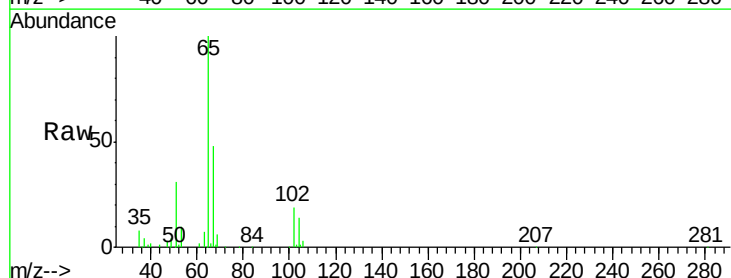
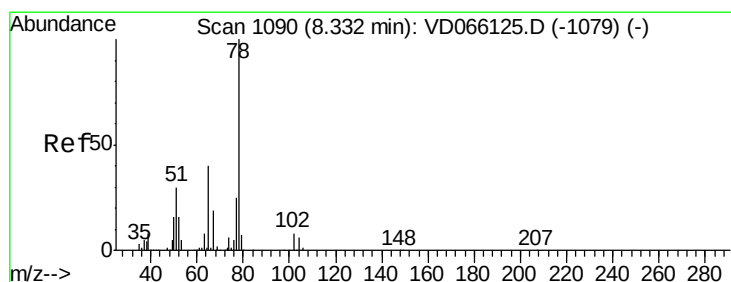
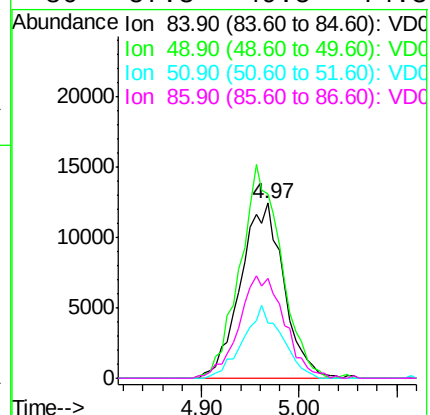
Ion Ratio Lower Upper

84 100

49 105.4 93.5 140.3

51 31.3 28.2 42.4

86 57.3 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 50.429 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066216.D

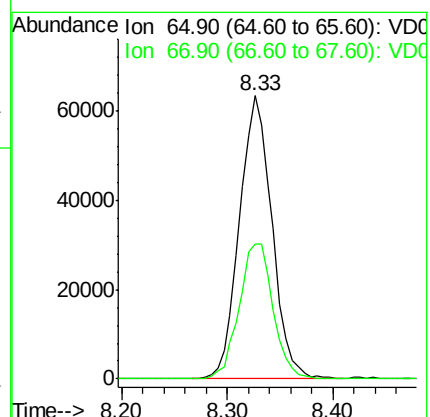
Acq: 13 Aug 2020 17:56

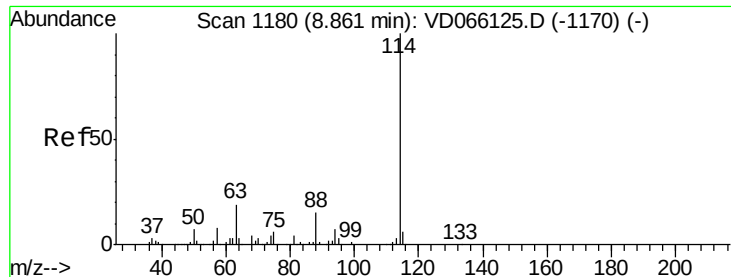
Tgt Ion: 65 Resp: 135181

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.6

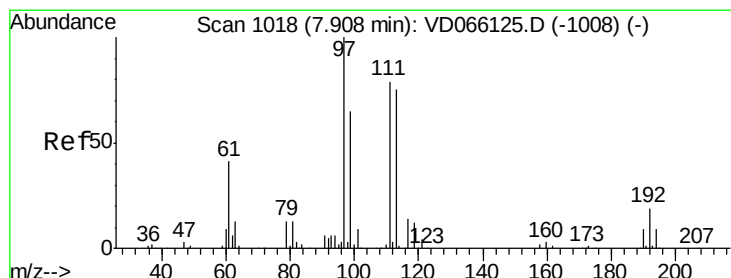
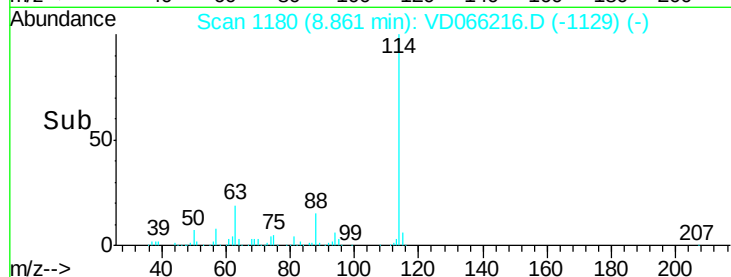
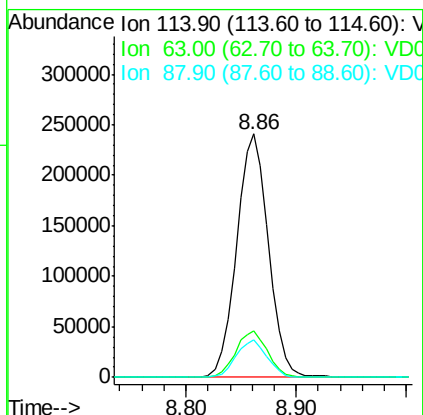
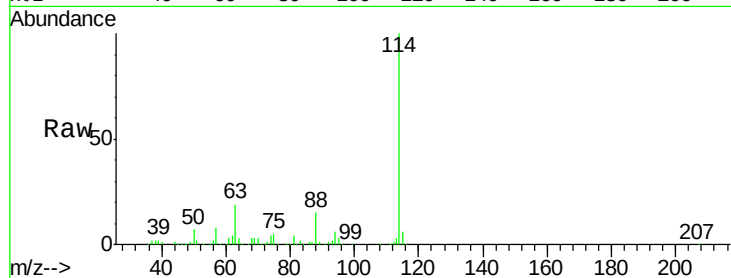




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066216.D
 Acq: 13 Aug 2020 17:56

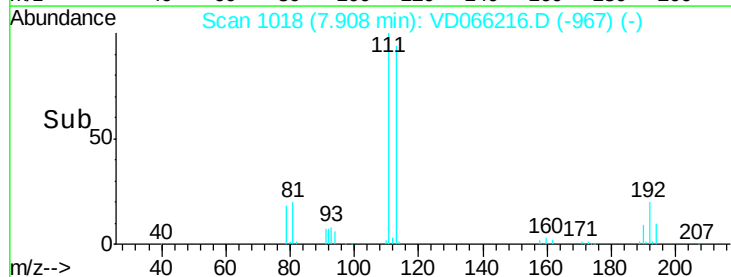
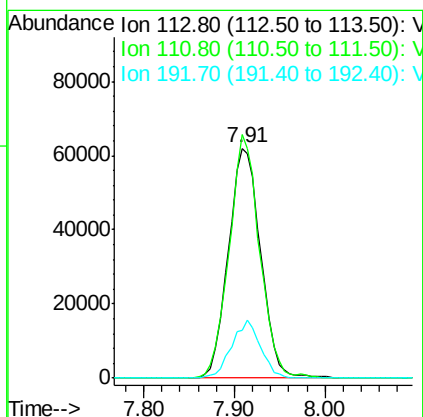
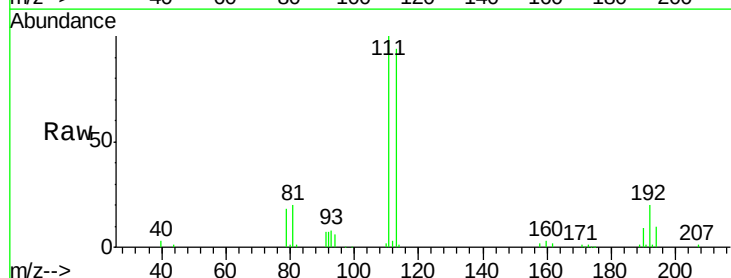
Instrument :
 MSVOA_D
 ClientSampleId :
 BW-STOCK

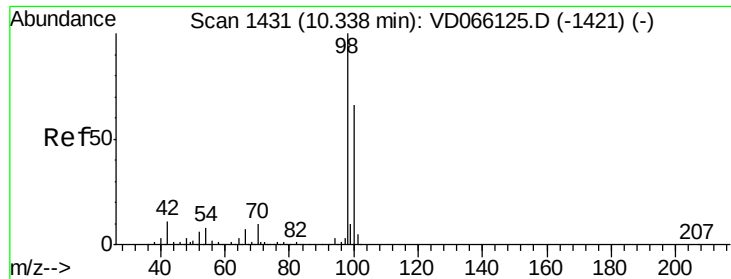
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.2	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.851 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066216.D
 Acq: 13 Aug 2020 17:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	80.7	121.1
192	22.7	18.4	27.6

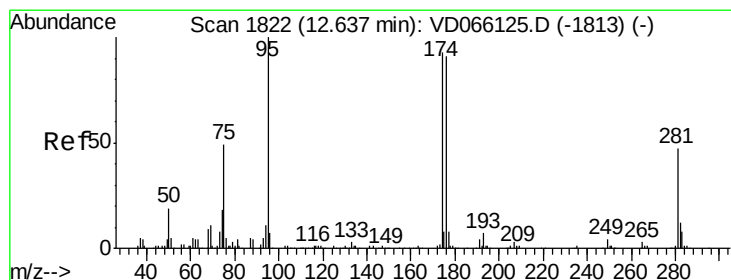
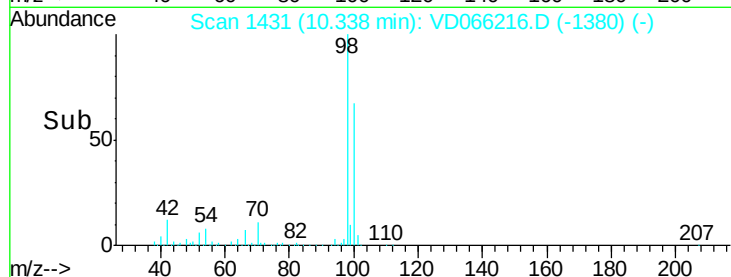
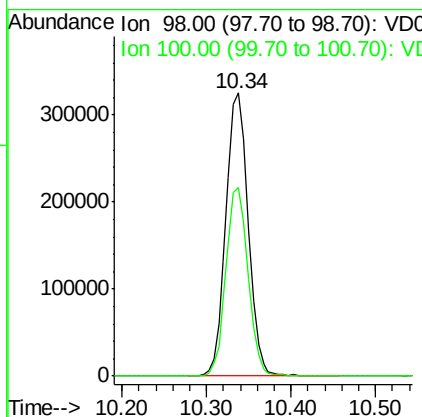
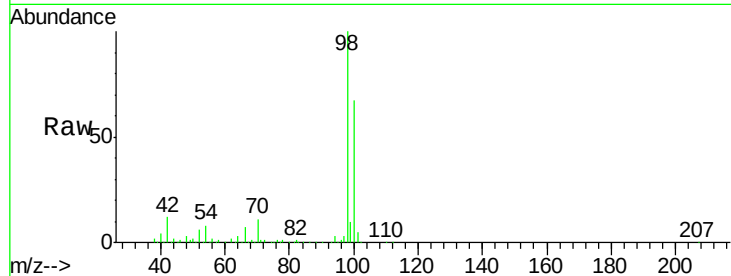




#50
Toluene-d8
Concen: 52.229 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

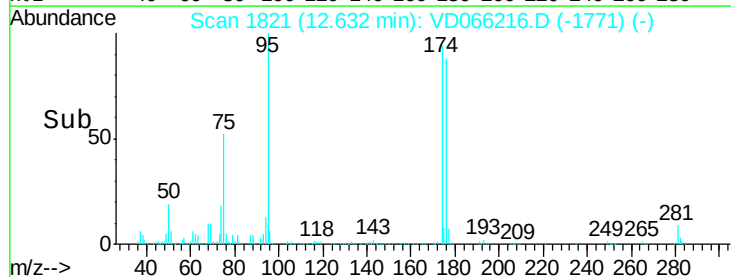
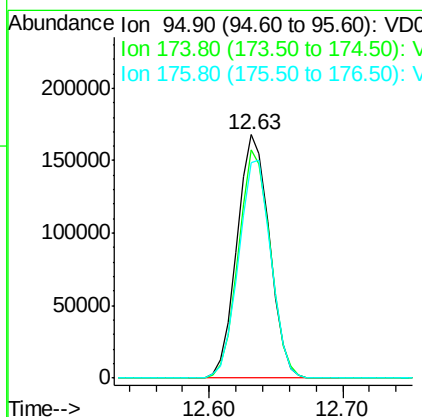
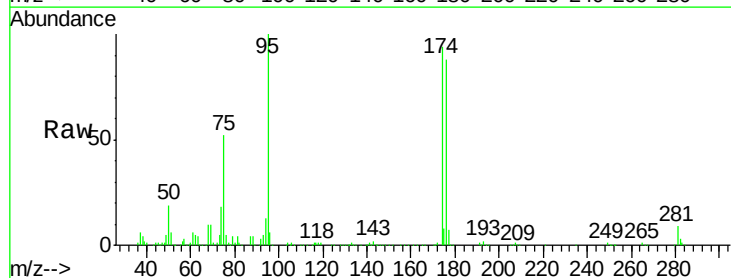
Instrument :
MSVOA_D
ClientSampleId :
BW-STOCK

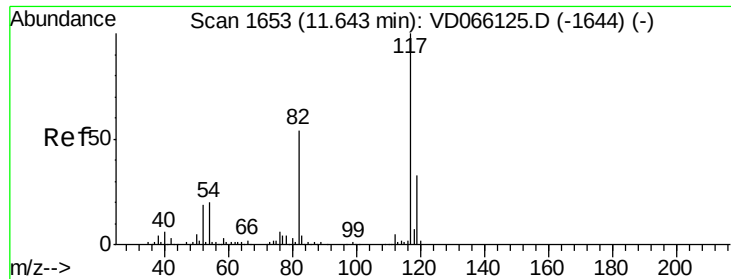
Tot Ion: 98 Resp: 592952
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 68.823 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Tgt Ion: 95 Resp: 281646
Ion Ratio Lower Upper
95 100
174 92.0 0.0 180.8
176 89.4 0.0 181.2

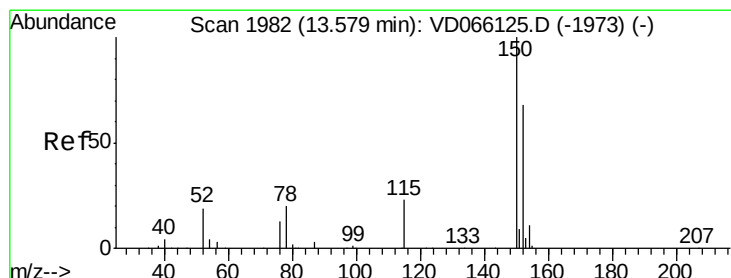
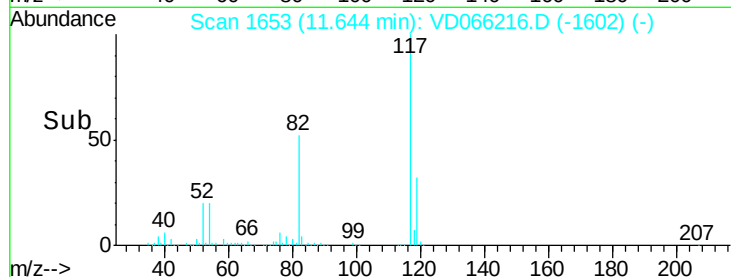
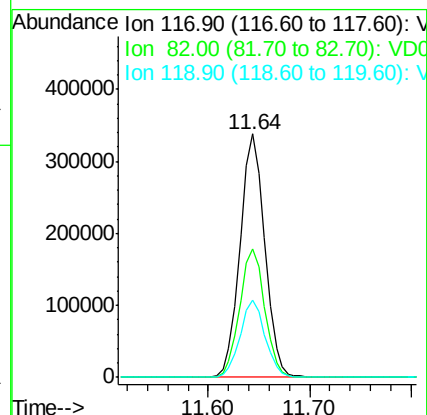
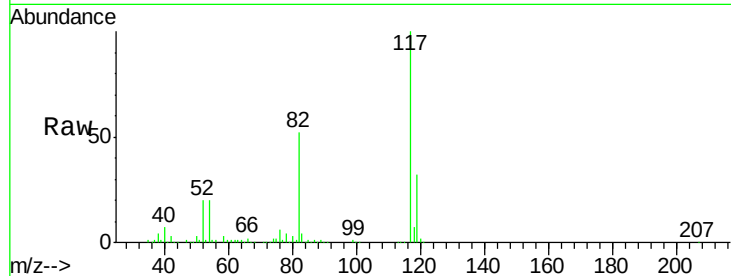




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Instrument :
MSVOA_D
ClientSampleId :
BW-STOCK

Tot Ion:117 Resp: 573483
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Tgt Ion:152 Resp: 326509
Ion Ratio Lower Upper
152 100
115 54.7 28.0 83.9
150 155.1 0.0 346.4

