

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064890.D
 Acq On : 20 Jan 2020 15:06
 Operator : VA/SY
 Sample : L1189-02
 Misc : 4.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-13.5-14.0

Quant Time: Jan 21 05:35:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

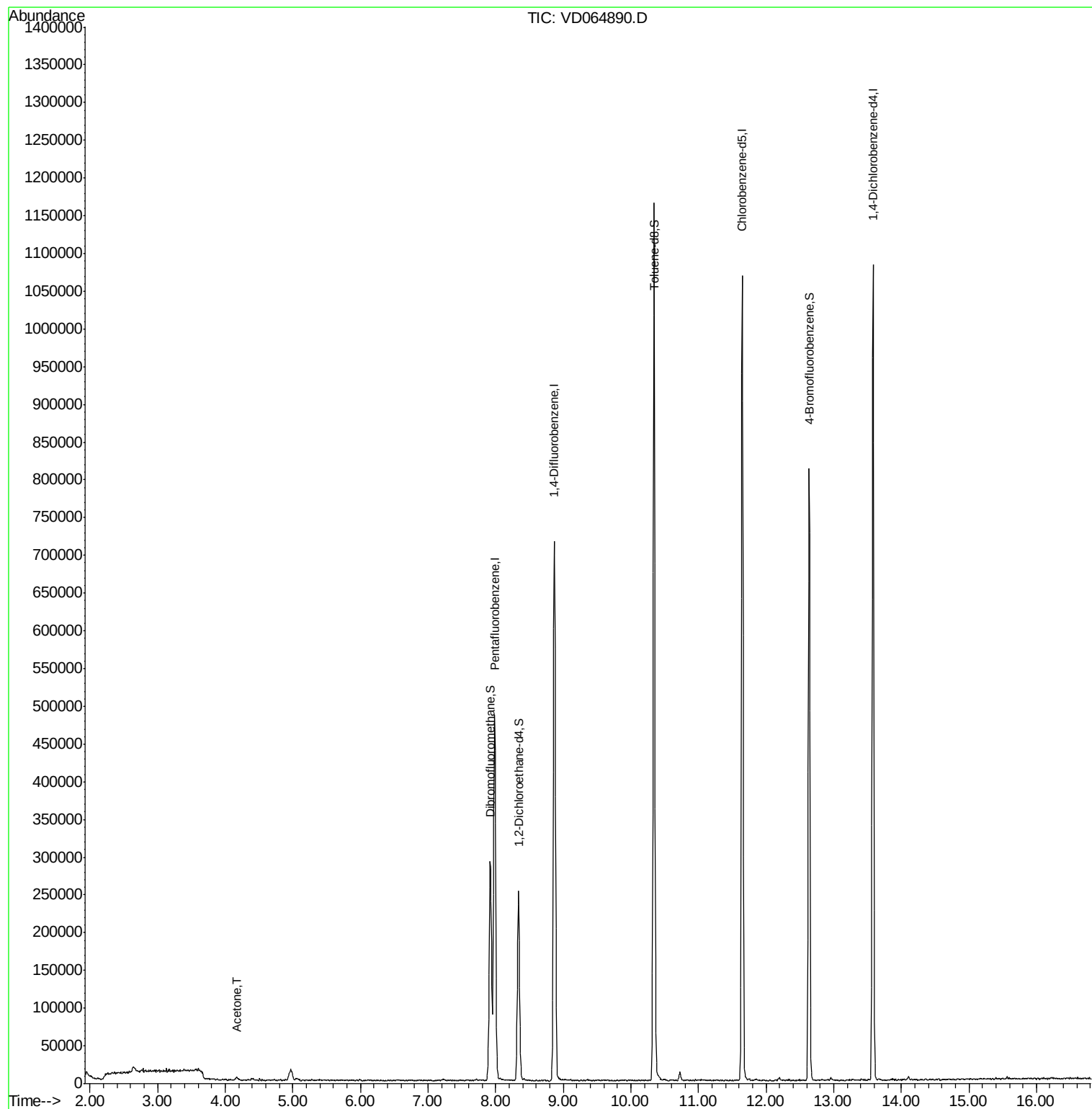
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	371809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	623152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200154	61.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.10%	
35) Dibromofluoromethane	7.92	113	206007	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	10.34	98	754417	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	243295	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
Target Compounds						
16) Acetone	4.17	43	5889	11.703	ug/l	Qvalue 97

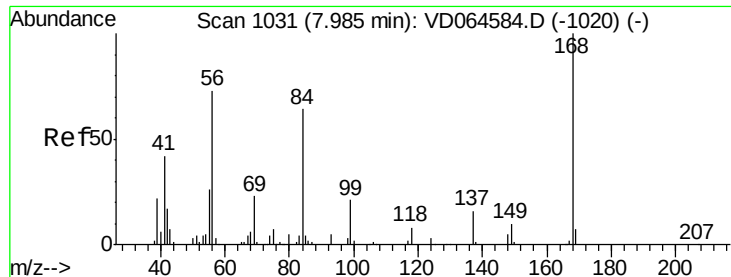
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064890.D

Acq: 20 Jan 2020 15:06

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MSVOA_D

ClientSampleId :

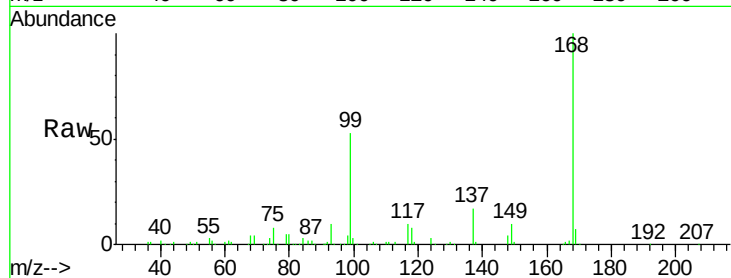
SB-2-13.5-14.0

Tot Ion:168 Resp: 371809

Ion Ratio Lower Upper

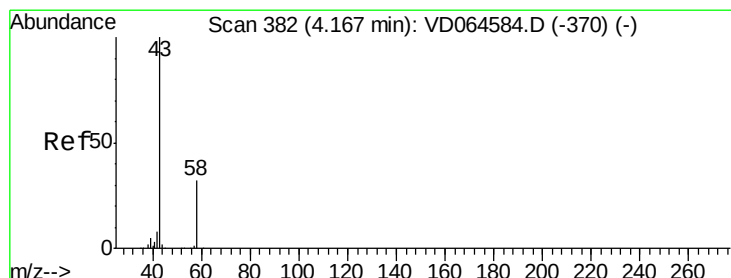
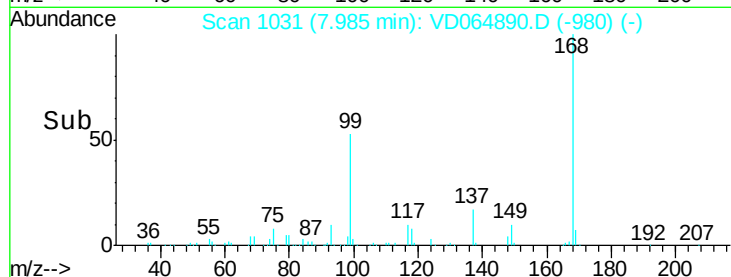
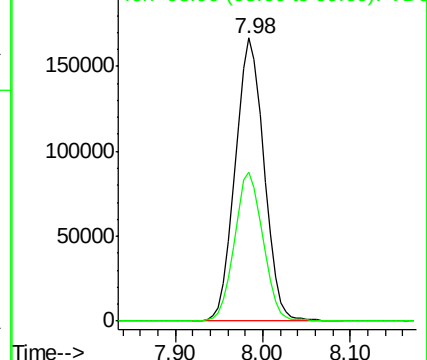
168 100

99 52.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.703 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064890.D

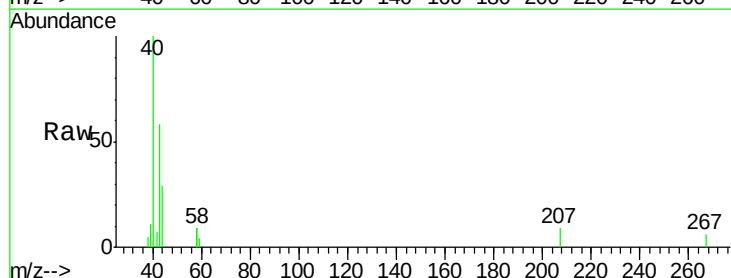
Acq: 20 Jan 2020 15:06

Tgt Ion: 43 Resp: 5889

Ion Ratio Lower Upper

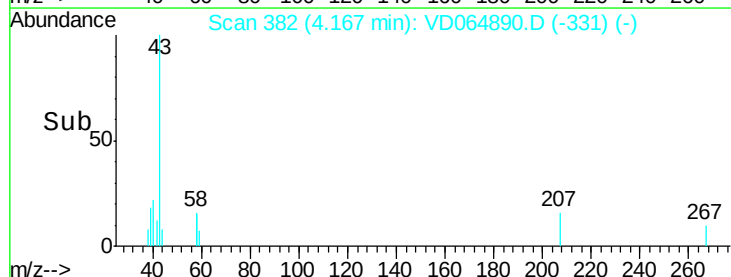
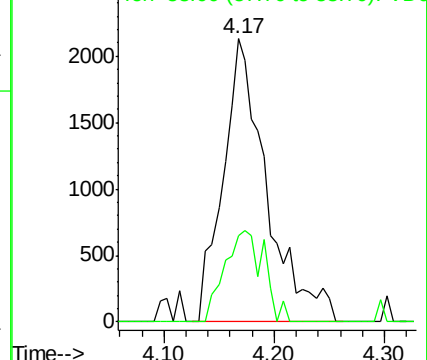
43 100

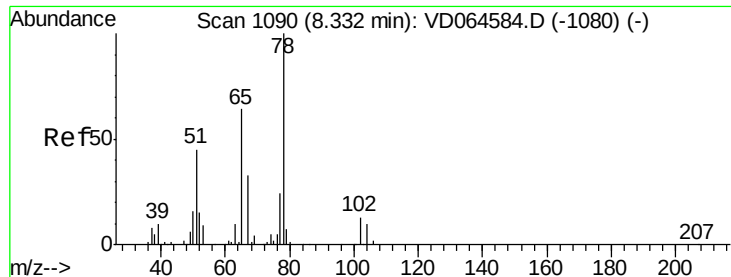
58 30.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

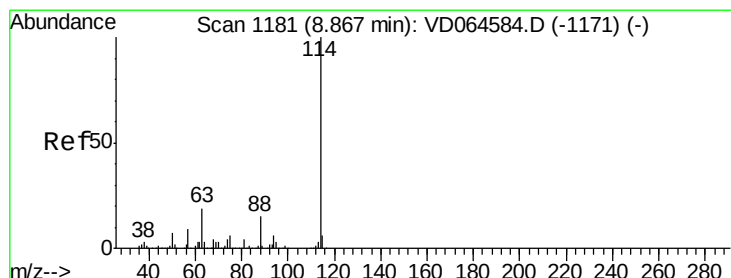
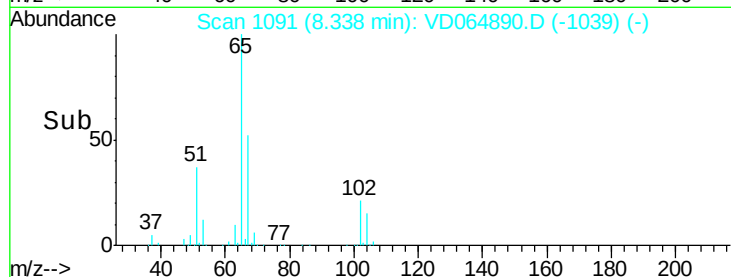
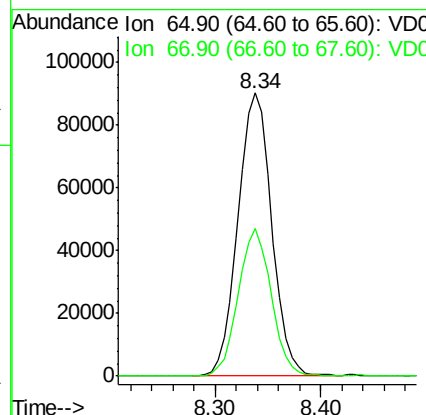
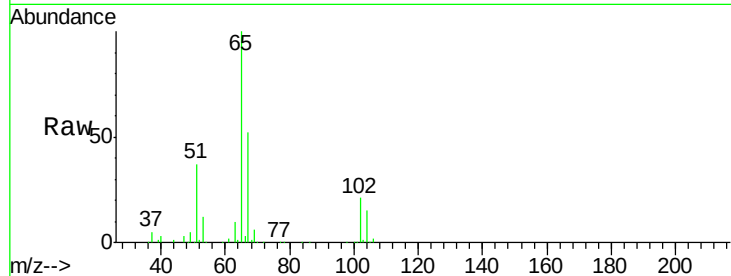




#33
 1,2-Dichloroethane-d4
 Concen: 61.049 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064890.D
 Acq: 20 Jan 2020 15:06

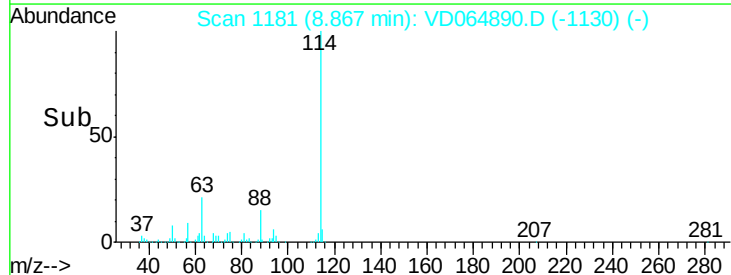
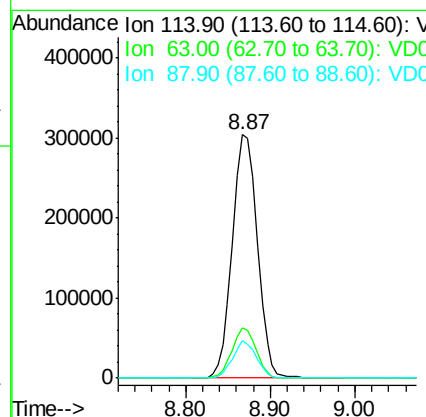
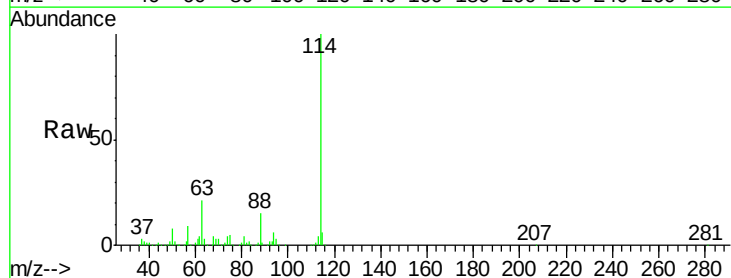
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-13.5-14.0

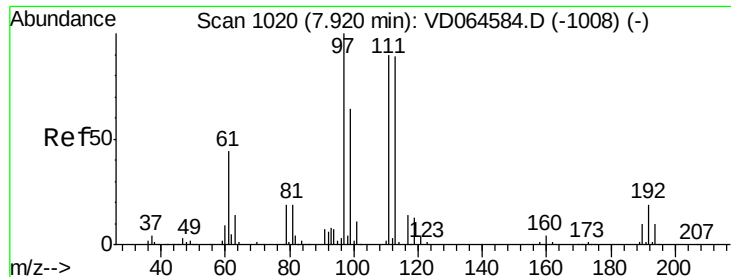
Tot Ion: 65 Resp: 200154
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064890.D
 Acq: 20 Jan 2020 15:06

Tgt Ion: 114 Resp: 623152
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 15.3 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.884 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064890.D

Acq: 20 Jan 2020 15:06

Instrument :

MSVOA_D

ClientSampleId :

SB-2-13.5-14.0

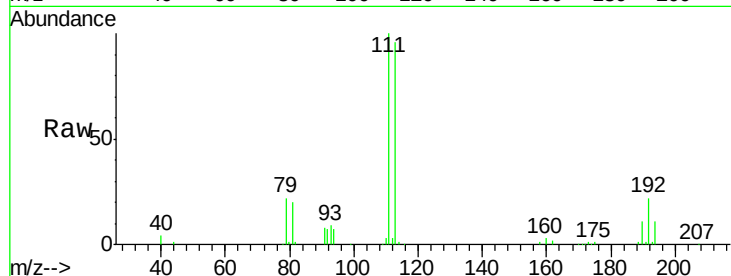
Tot Ion:113 Resp: 206007

Ion Ratio Lower Upper

113 100

111 99.8 80.6 121.0

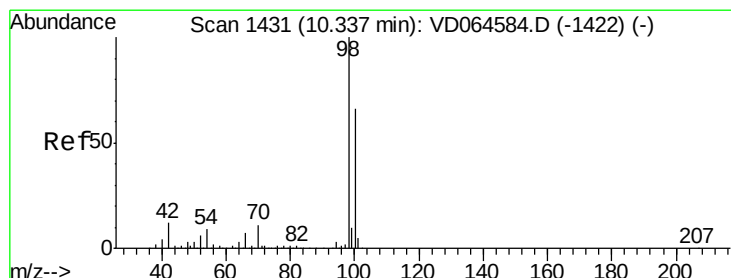
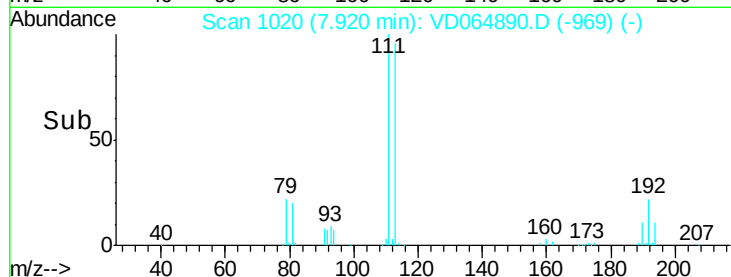
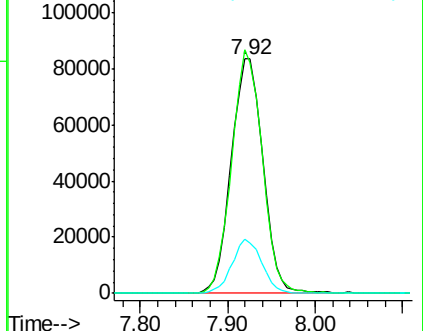
192 21.7 17.9 26.9



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: 51.523 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064890.D

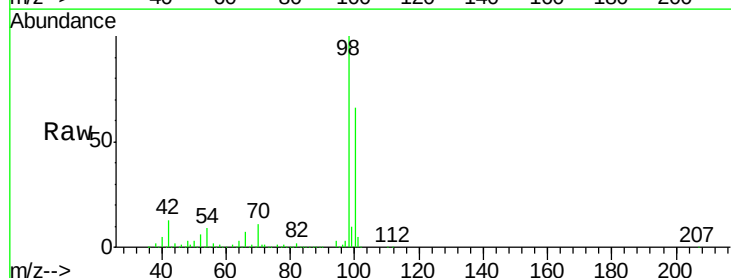
Acq: 20 Jan 2020 15:06

Tgt Ion: 98 Resp: 754417

Ion Ratio Lower Upper

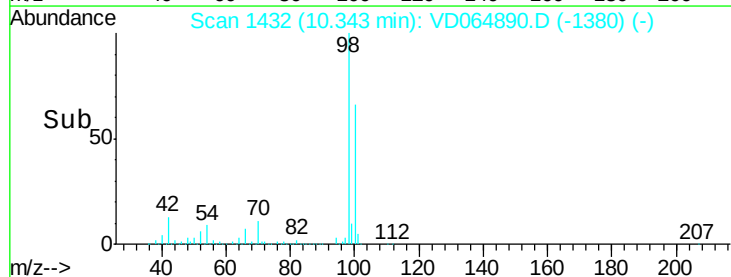
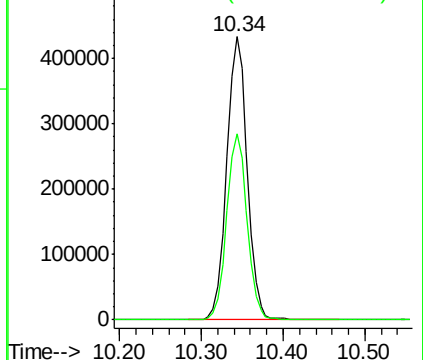
98 100

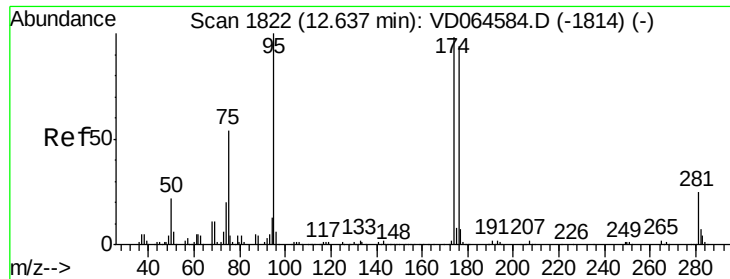
100 65.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

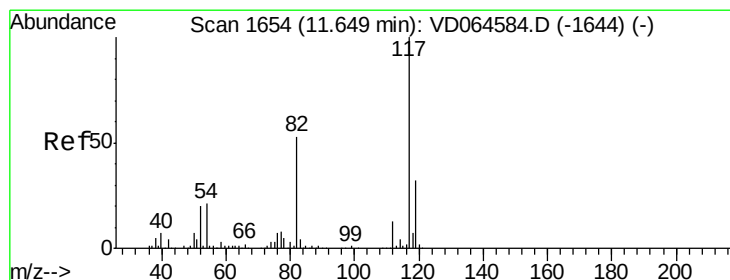
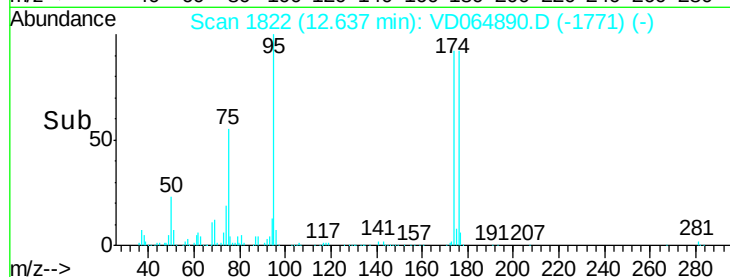
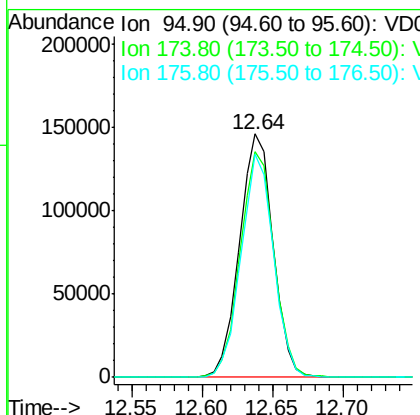
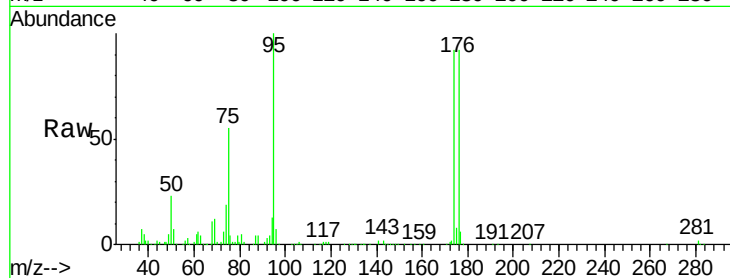




#62
4-Bromofluorobenzene
Concen: 52.547 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064890.D
Acq: 20 Jan 2020 15:06

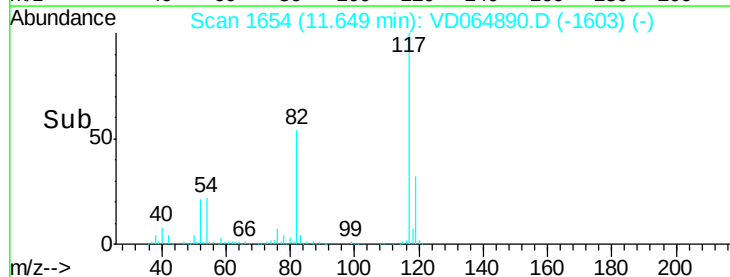
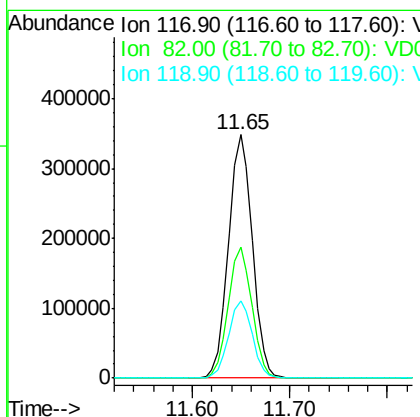
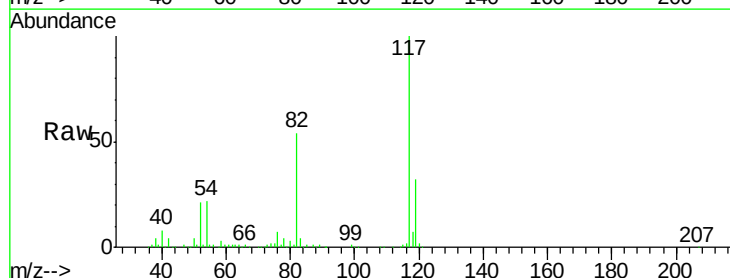
Instrument :
MSVOA_D
ClientSampleId :
SB-2-13.5-14.0

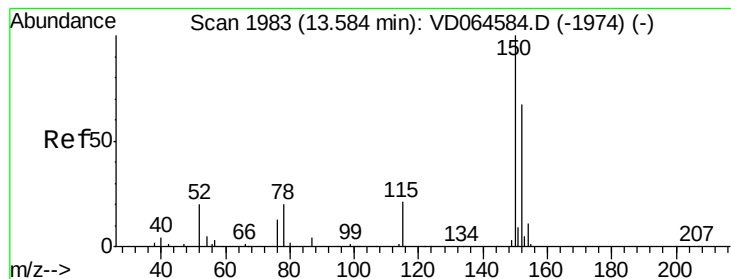
Tot Ion	95	Resp	243295
Ion Ratio	100		
Lower			
Upper			
95	100		
174	93.2	0.0	193.2
176	88.8	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064890.D
Acq: 20 Jan 2020 15:06

Tgt Ion	117	Resp	593535
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	53.6	42.2	63.4
119	31.7	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064890.D

Acq: 20 Jan 2020 15:06

Instrument :

MSVOA_D

ClientSampleId :

SB-2-13.5-14.0

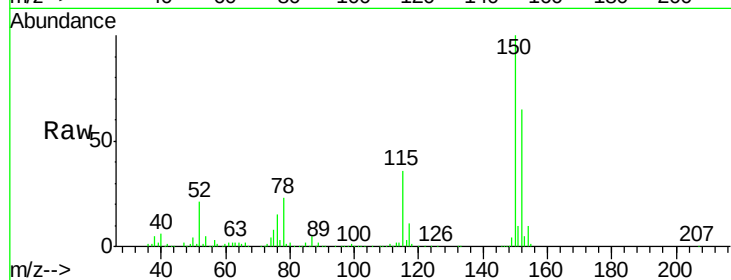
Tot Ion:152 Resp: 277662

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 157.1 0.0 351.4



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

