

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064288.D
 Acq On : 19 Nov 2019 14:27
 Operator : VA/SY
 Sample : K5916-01
 Misc : 6.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600429836

Quant Time: Nov 20 04:49:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

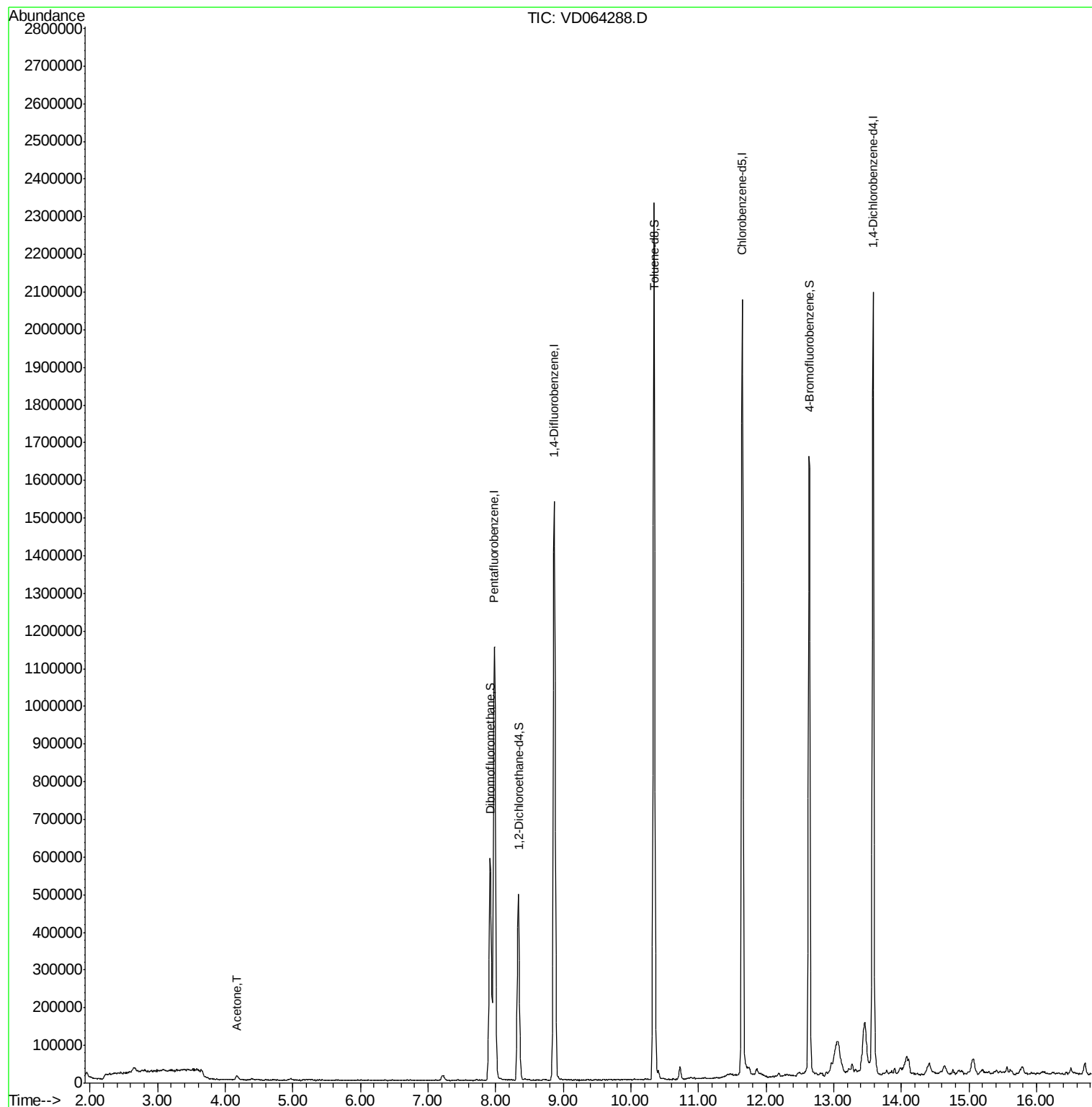
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	949573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1371935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1184110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	567323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	390476	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	7.92	113	409854	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
50) Toluene-d8	10.34	98	1597077	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.64	95	499662	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
Target Compounds						
16) Acetone	4.17	43	18059	9.761	ug/l	Qvalue 91

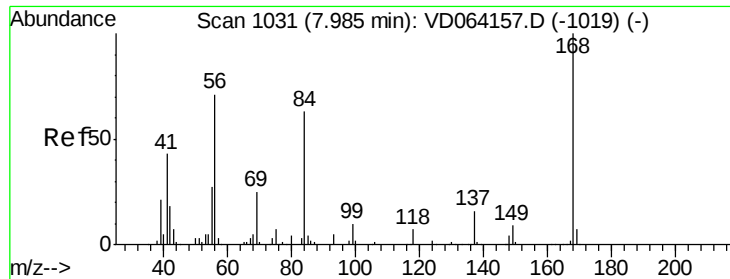
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064288.D

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MSVOA_D

ClientSampleId :

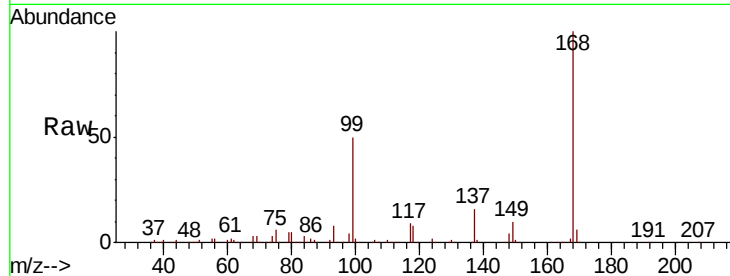
600429836

Tot Ion:168 Resp: 949573

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

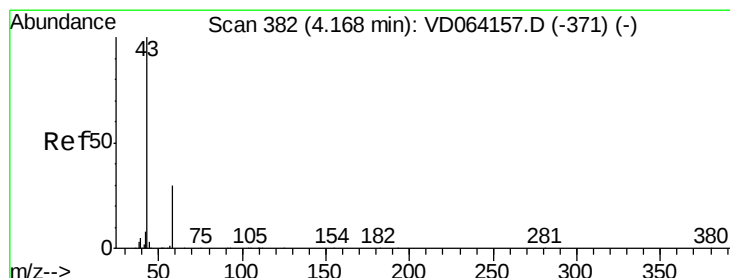
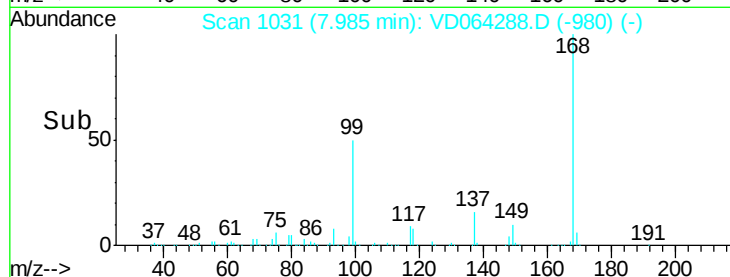
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.761 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064288.D

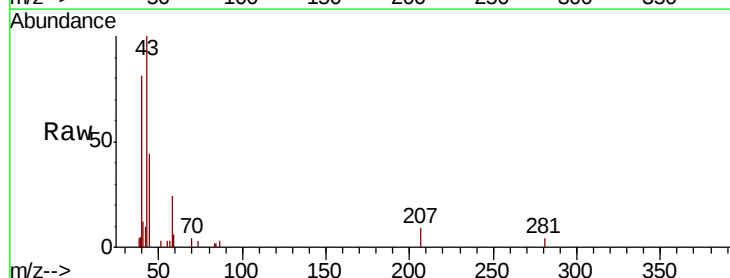
Acq: 19 Nov 2019 14:27

Tgt Ion: 43 Resp: 18059

Ion Ratio Lower Upper

43 100

58 25.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

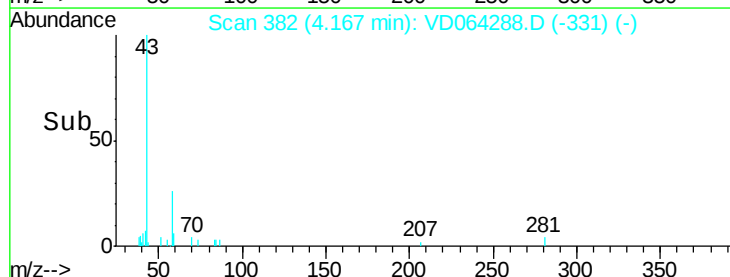
6000

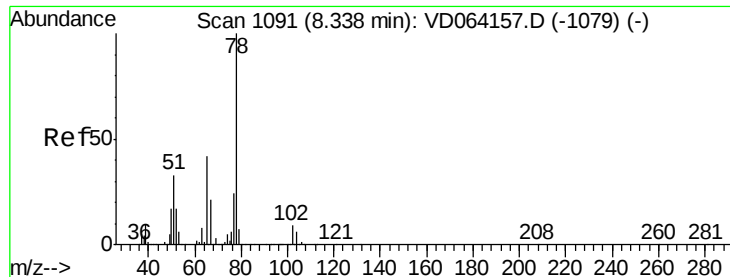
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.999 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

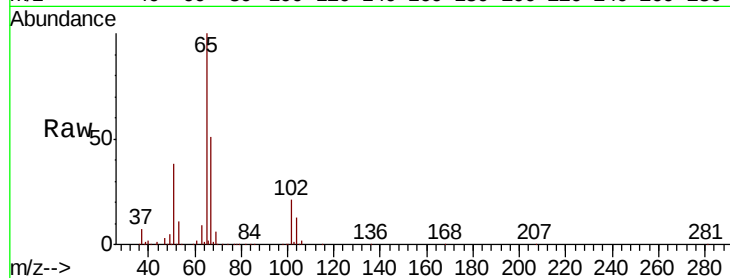
600429836

Tot Ion: 65 Resp: 390476

Ion Ratio Lower Upper

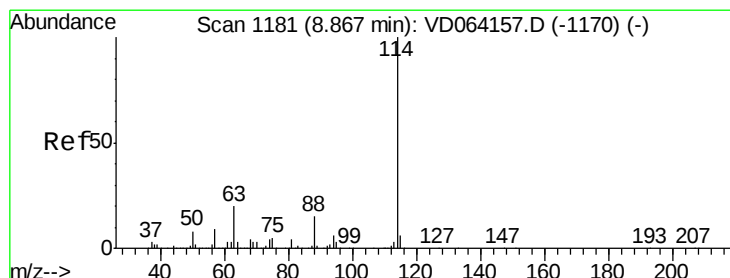
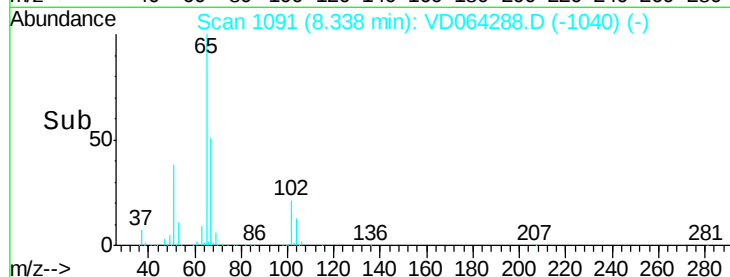
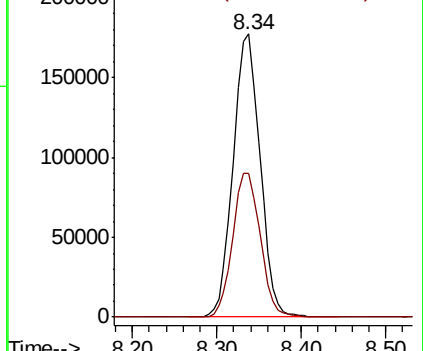
65 100

67 51.9 0.0 104.4



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: VD064288.D

Acq: 19 Nov 2019 14:27

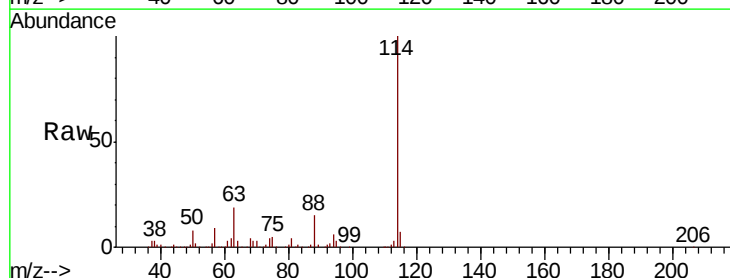
Tgt Ion: 114 Resp: 1371935

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

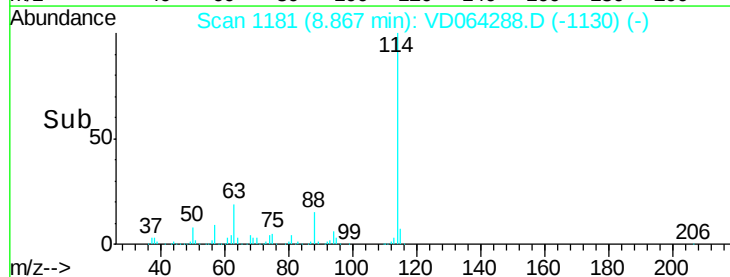
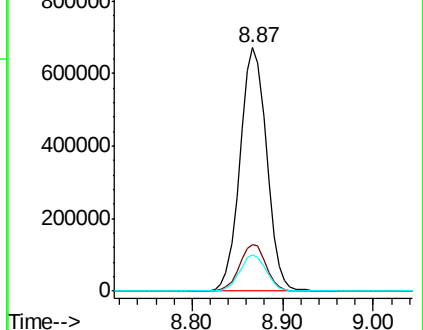
88 14.7 0.0 30.2

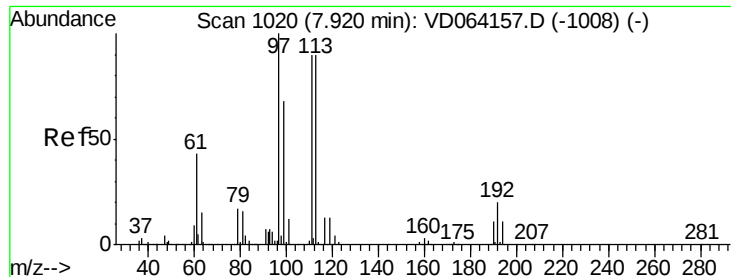


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

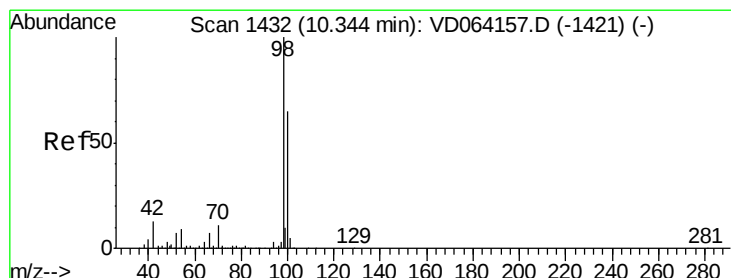
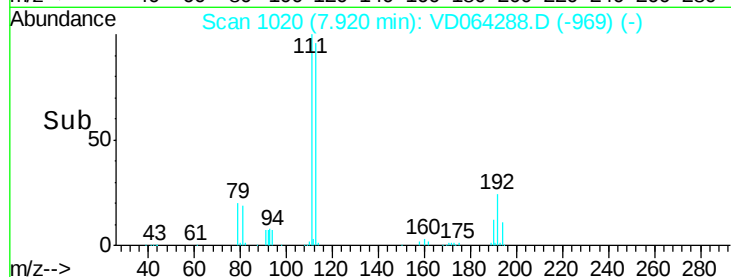
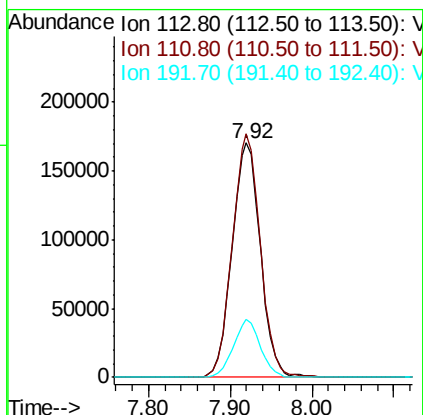
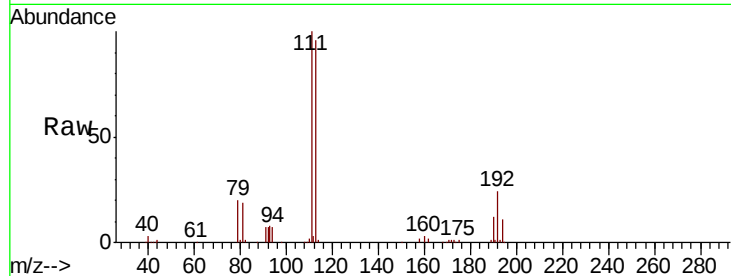




#35
 Dibromofluoromethane
 Concen: 52.044 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064288.D
 Acq: 19 Nov 2019 14:27

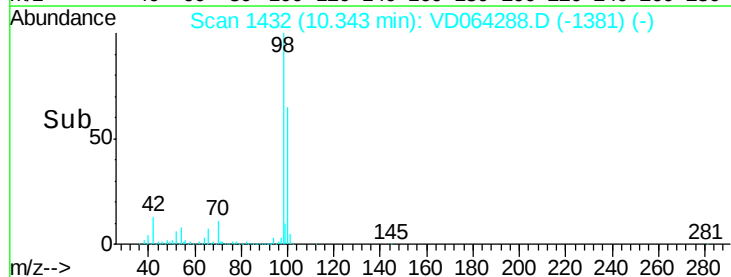
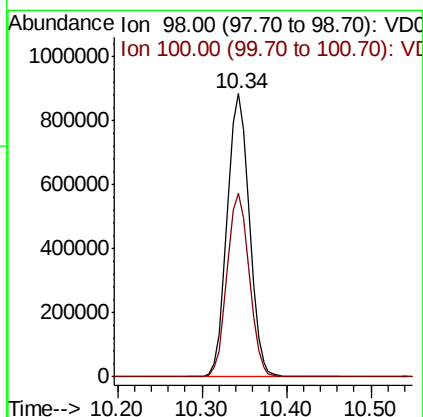
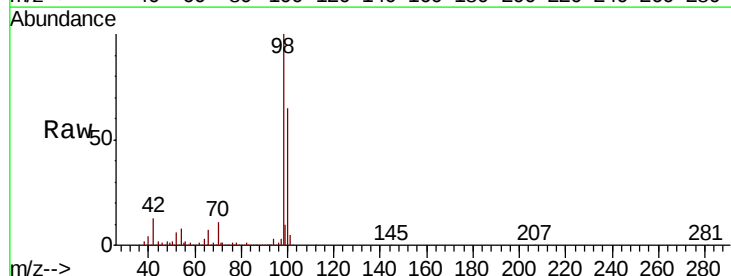
Instrument :
 MSVOA_D
 ClientSampleId :
 600429836

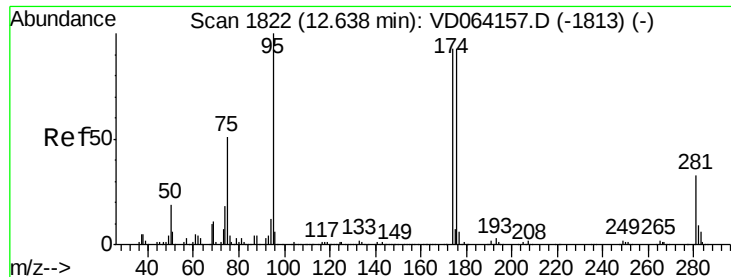
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.3	18.8	28.2



#50
 Toluene-d8
 Concen: 53.759 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064288.D
 Acq: 19 Nov 2019 14:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8

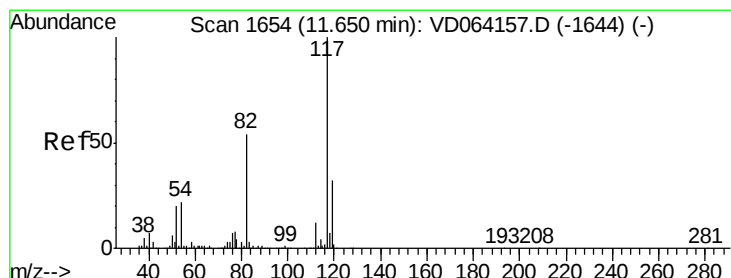
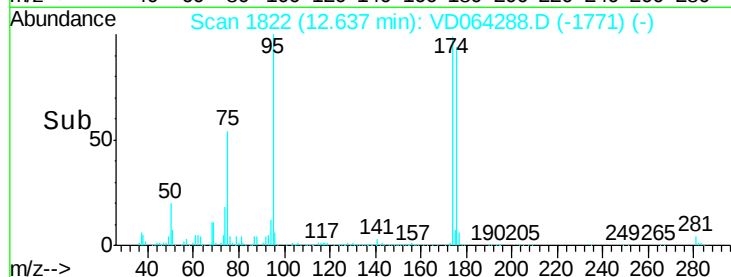
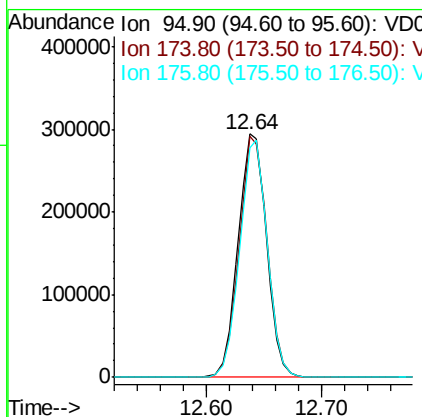
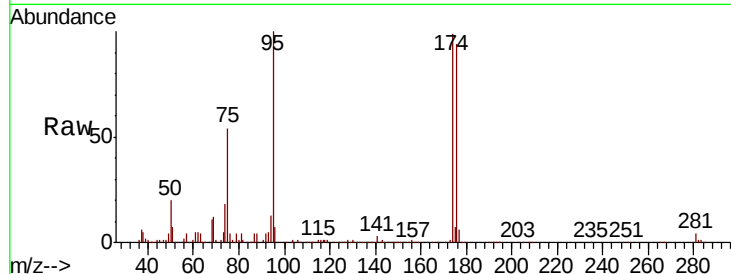




#62
4-Bromofluorobenzene
Concen: 48.566 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

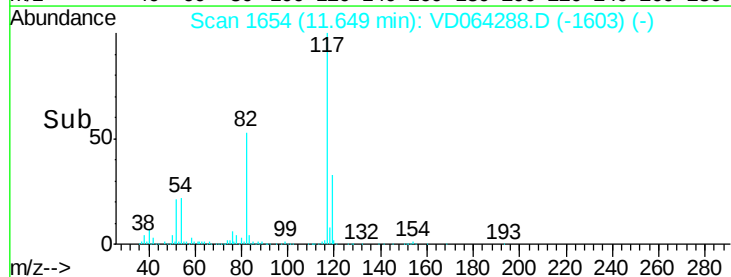
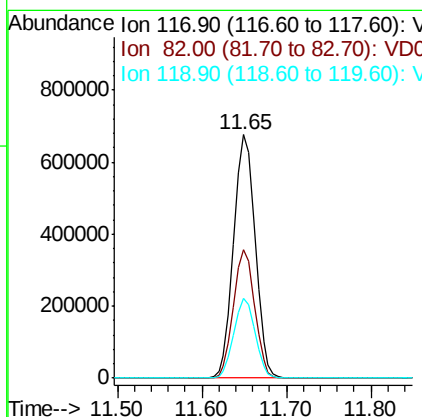
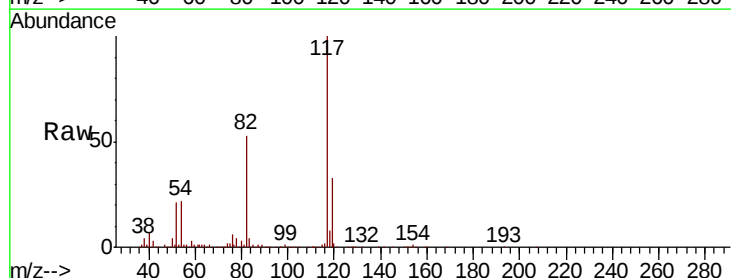
Instrument :
MSVOA_D
ClientSampleId :
600429836

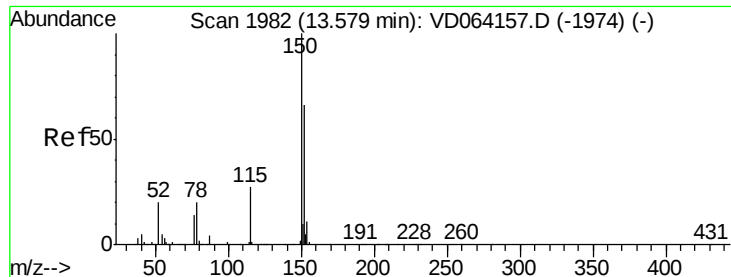
Tot Ion: 95 Resp: 499662
Ion Ratio Lower Upper
95 100
174 97.9 0.0 183.6
176 94.7 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

Tgt Ion: 117 Resp: 1184110
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

600429836

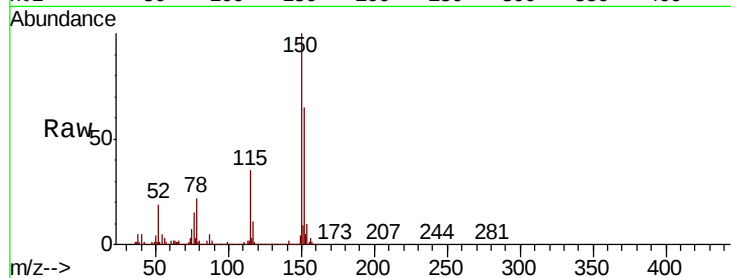
Tot Ion:152 Resp: 567323

Ion Ratio Lower Upper

152 100

115 54.9 27.4 82.2

150 155.0 0.0 351.6



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

