

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
 Data File : VD064215.D
 Acq On : 14 Nov 2019 15:07
 Operator : VA/SY
 Sample : K5813-01
 Misc : 5.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-B

Quant Time: Nov 15 06:12:38 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

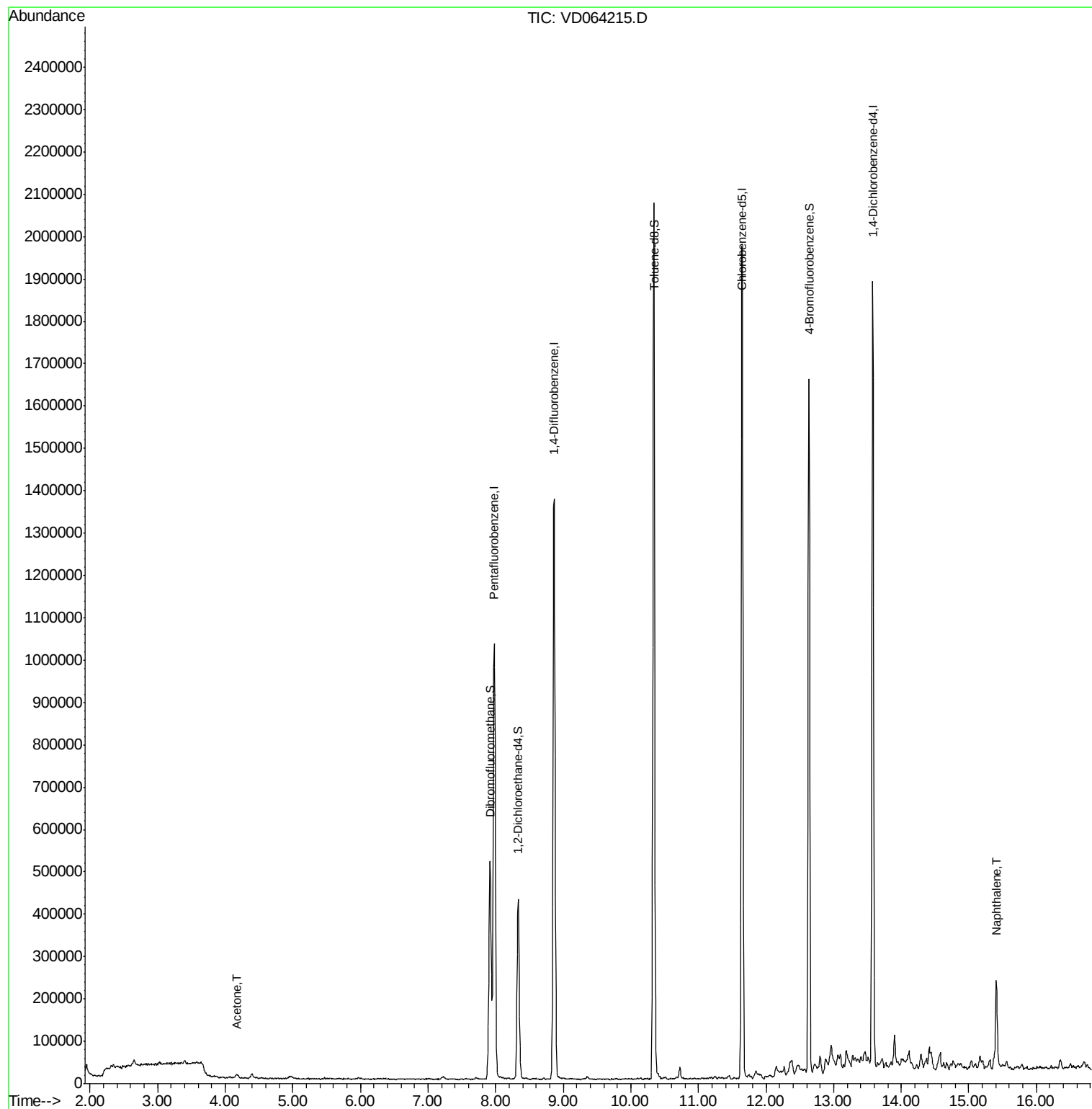
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	840885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1214163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1152988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	505723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	340737	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.92	113	365676	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.34	98	1429047	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.64	95	505507	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
Target Compounds						
16) Acetone	4.17	43	15463	9.438	ug/l	89
95) Naphthalene	15.41	128	193499	10.800	ug/l	98

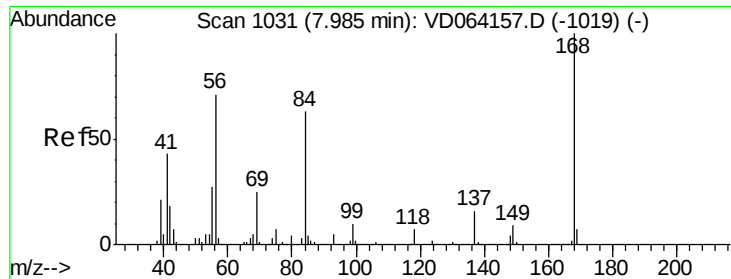
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064215.D

Acq: 14 Nov 2019 15:07

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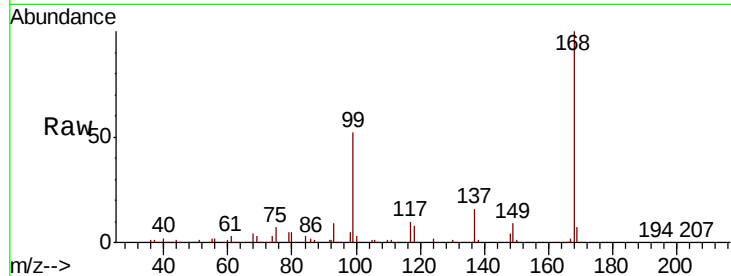
SP-B

Tot Ion:168 Resp: 840885

Ion Ratio Lower Upper

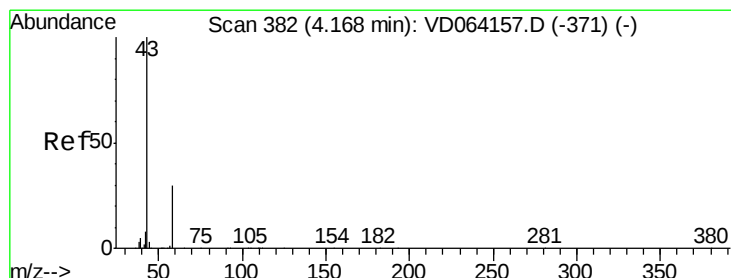
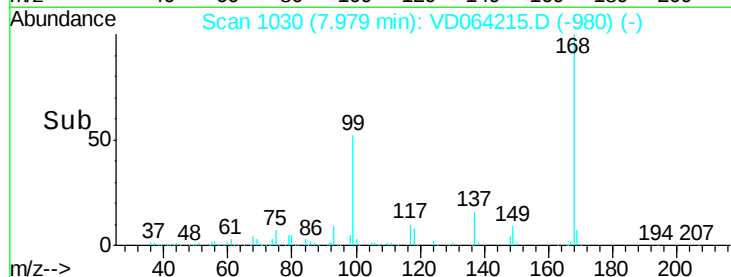
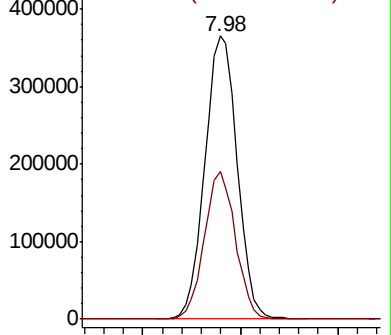
168 100

99 52.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 9.438 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064215.D

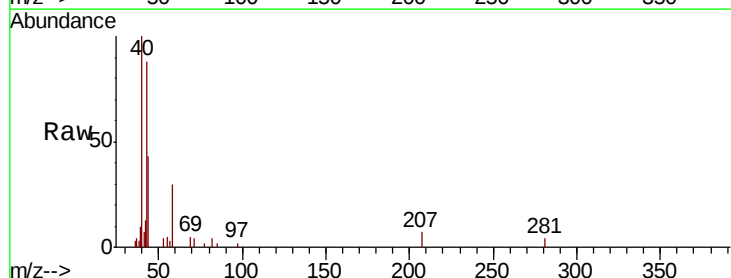
Acq: 14 Nov 2019 15:07

Tgt Ion: 43 Resp: 15463

Ion Ratio Lower Upper

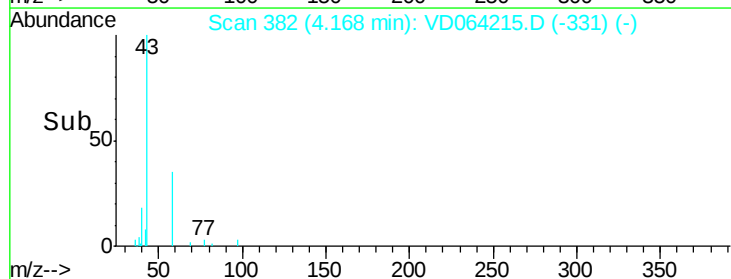
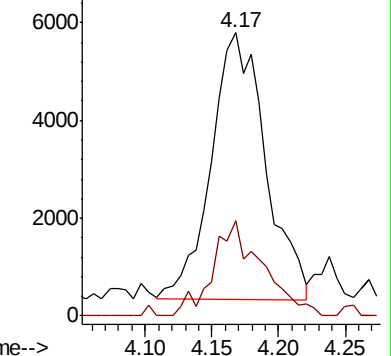
43 100

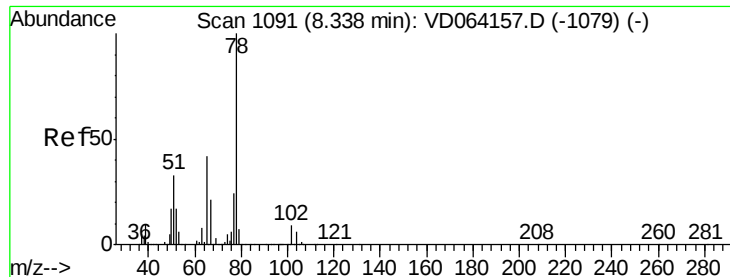
58 36.0 24.1 36.1



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: 49.269 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064215.D

Acq: 14 Nov 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

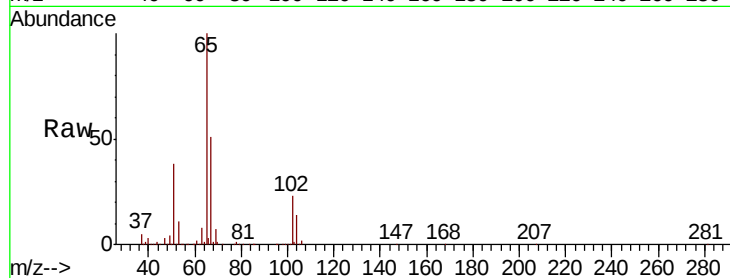
SP-B

Tot Ion: 65 Resp: 340737

Ion Ratio Lower Upper

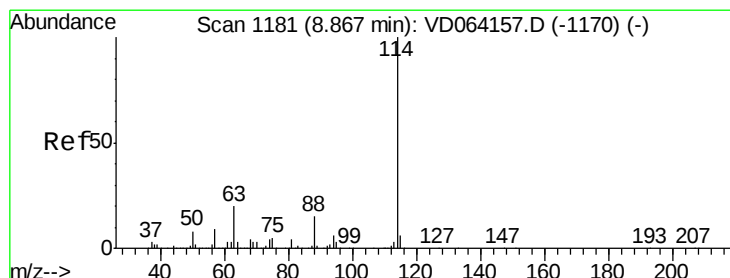
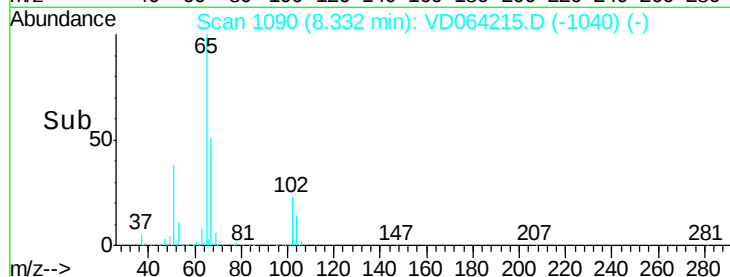
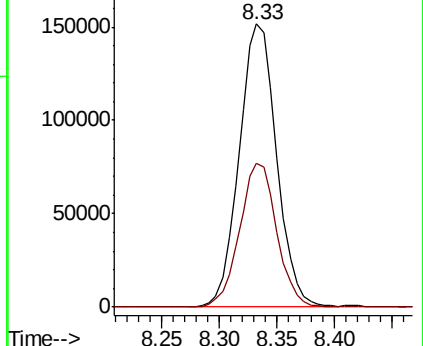
65 100

67 50.8 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: VD064215.D

Acq: 14 Nov 2019 15:07

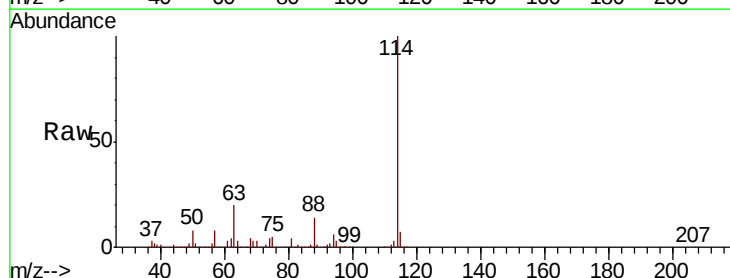
Tgt Ion:114 Resp: 1214163

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

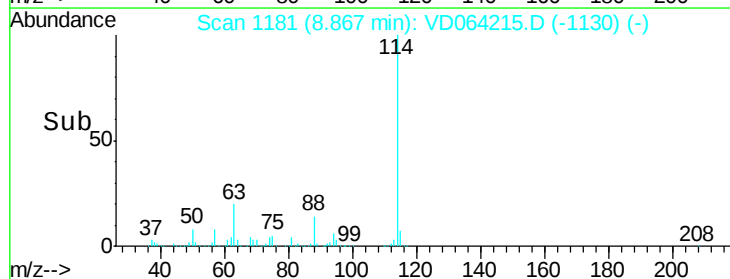
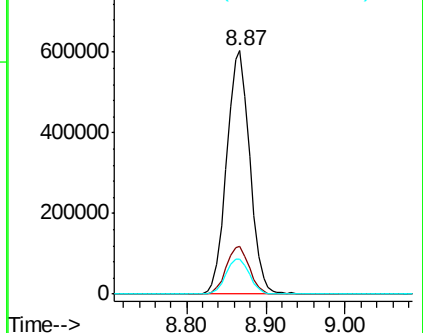
88 14.1 0.0 30.2

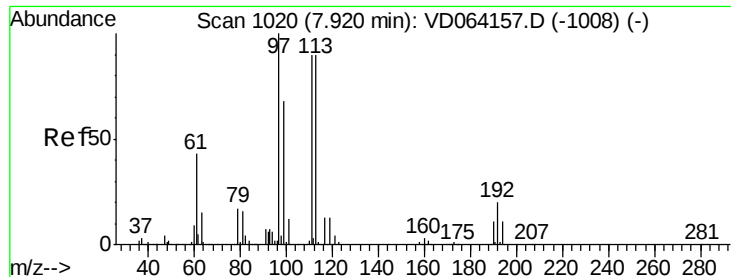


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

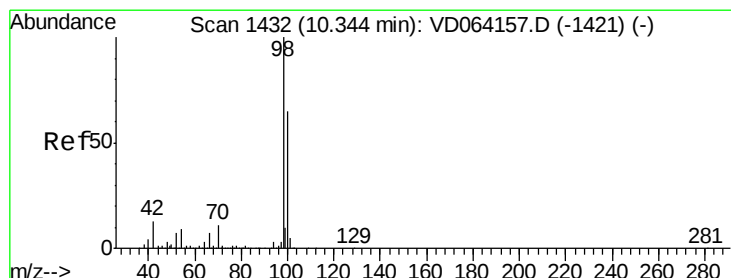
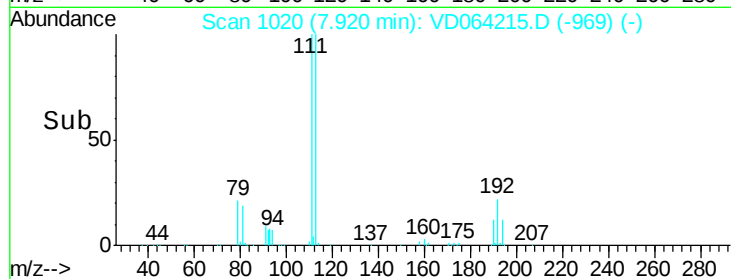
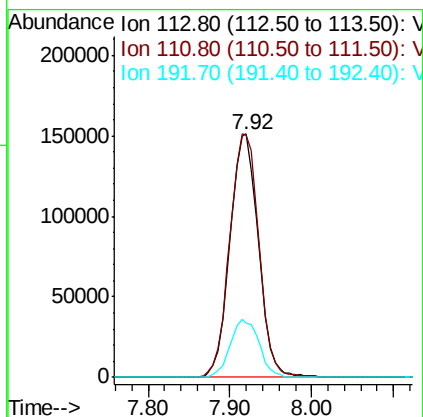
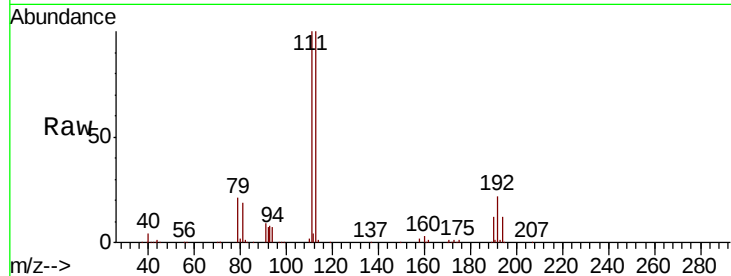




#35
Dibromofluoromethane
Concen: 52.468 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

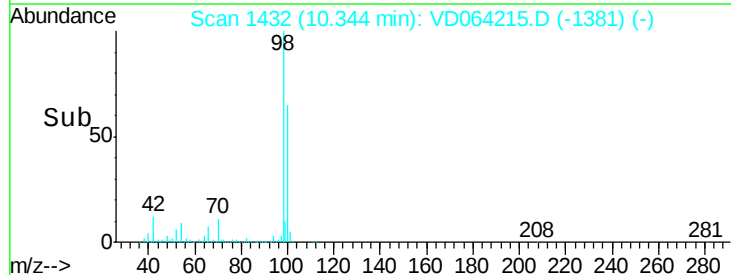
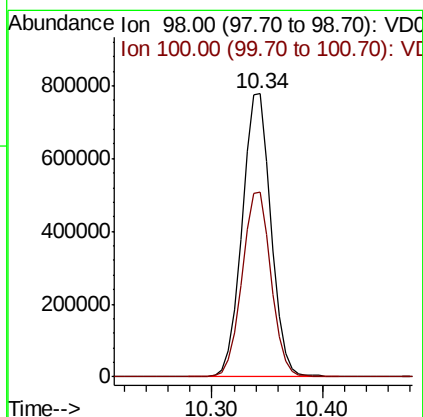
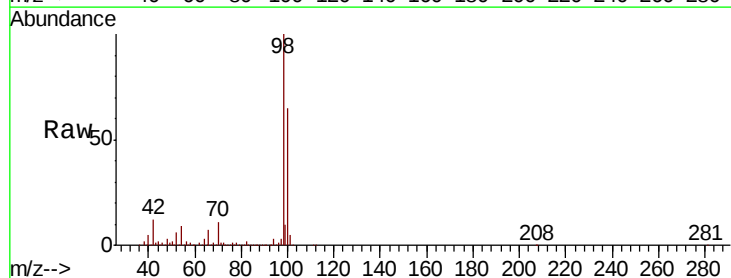
Instrument :
MSVOA_D
ClientSampleId :
SP-B

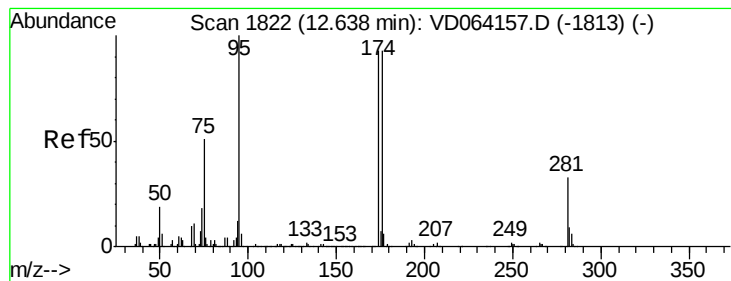
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	23.9	18.8	28.2



#50
Toluene-d8
Concen: 54.353 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 55.519 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064215.D

Acq: 14 Nov 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

SP-B

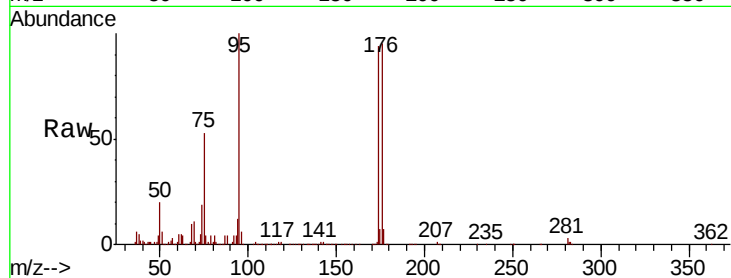
Tot Ion: 95 Resp: 505507

Ion Ratio Lower Upper

95 100

174 95.3 0.0 183.6

176 93.8 0.0 180.2



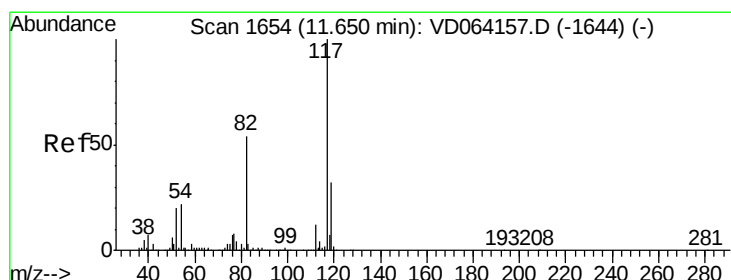
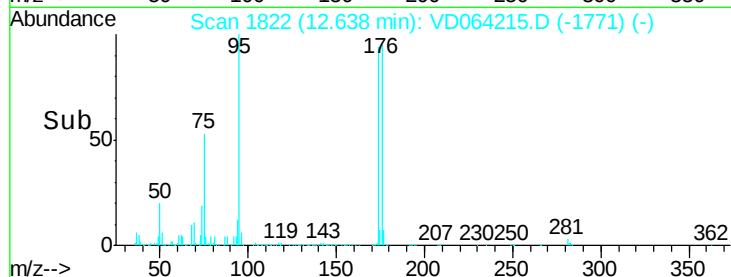
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD064215.D

Acq: 14 Nov 2019 15:07

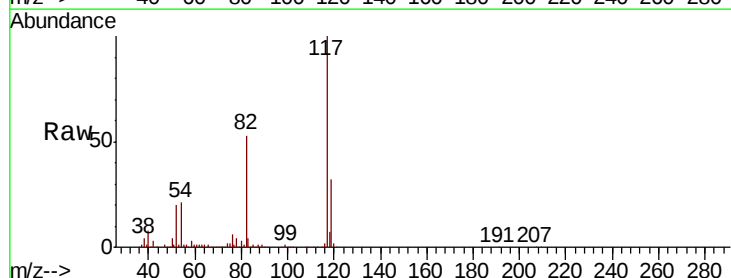
Tgt Ion: 117 Resp: 1152988

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

119 32.3 25.6 38.4



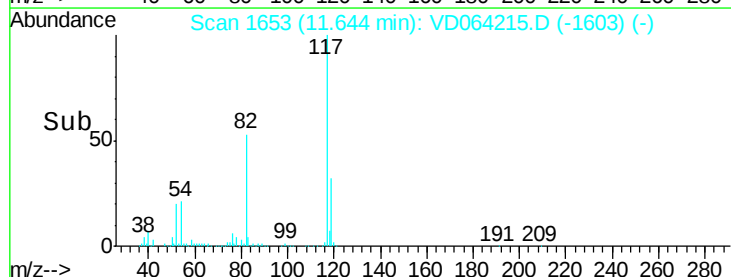
Abundance Ion 116.90 (116.60 to 117.60): V

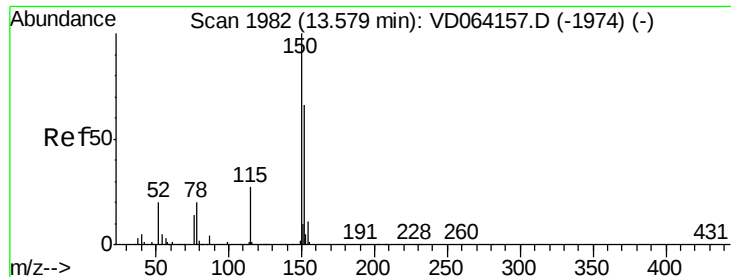
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.64

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064215.D

Acq: 14 Nov 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

SP-B

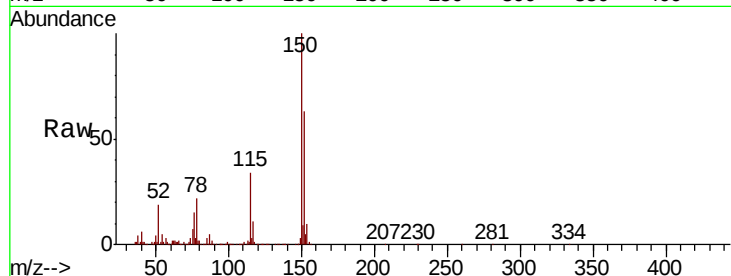
Tot Ion:152 Resp: 505723

Ion Ratio Lower Upper

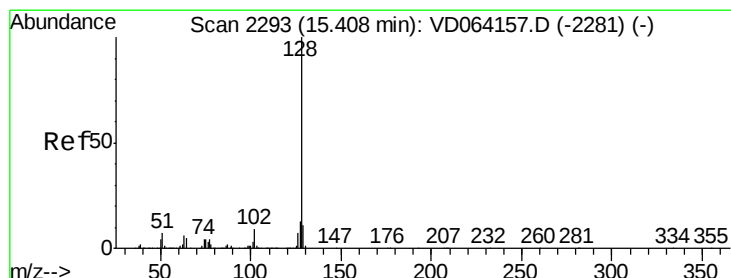
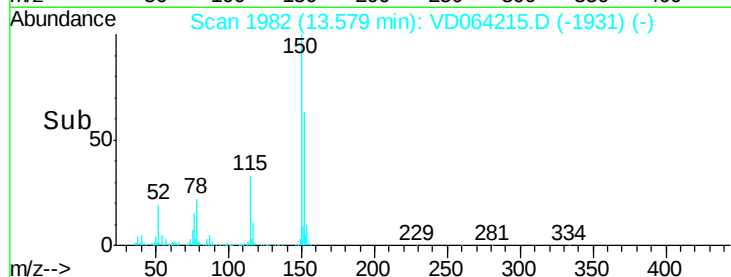
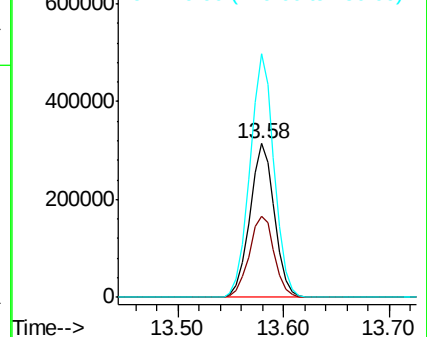
152 100

115 54.2 27.4 82.2

150 155.9 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



#95

Naphthalene

Concen: 10.800 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD064215.D

Acq: 14 Nov 2019 15:07

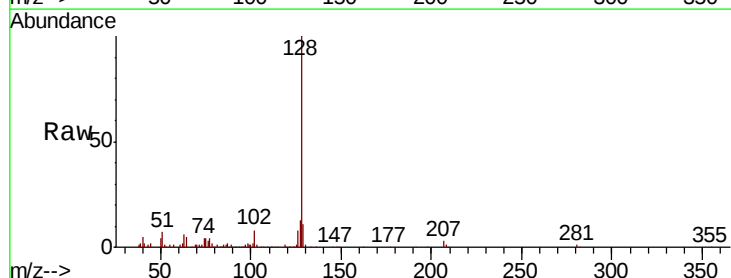
Tgt Ion:128 Resp: 193499

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

