

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064422.D
 Acq On : 04 Dec 2019 17:45
 Operator : VA/SY
 Sample : K6145-01
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-2

Quant Time: Dec 05 06:37:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

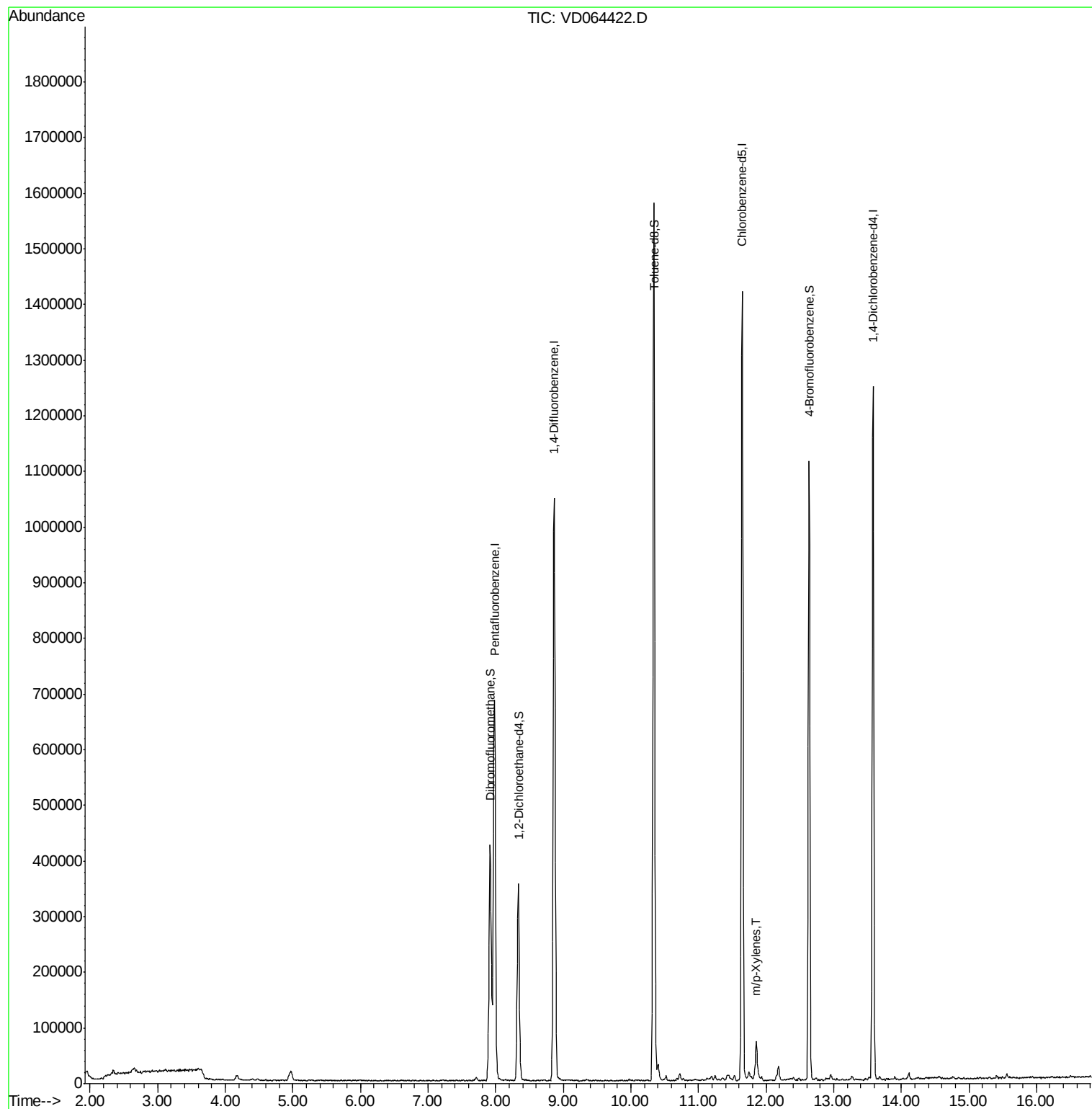
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	560168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	930039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	826911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	270026	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	7.92	113	293021	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.34	98	1103422	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.64	95	337332	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
68) m/p-Xylenes	11.85	106	17096	1.461	ug/l	Qvalue 97

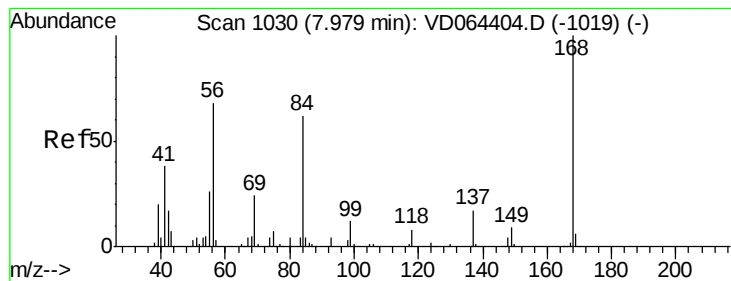
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064422.D

Acq: 04 Dec 2019 17:45

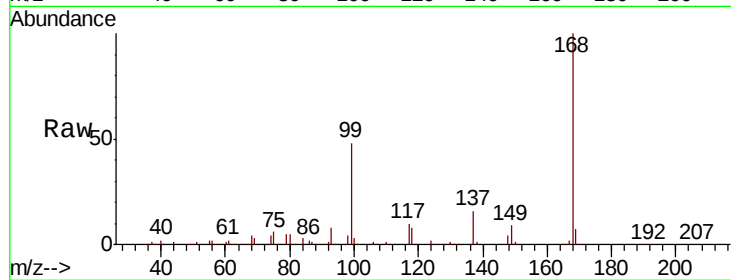
Instrument :
MSVOA_D
ClientSampleId :
TH-2

Tot Ion:168 Resp: 560168

Ion Ratio Lower Upper

168 100

99 47.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

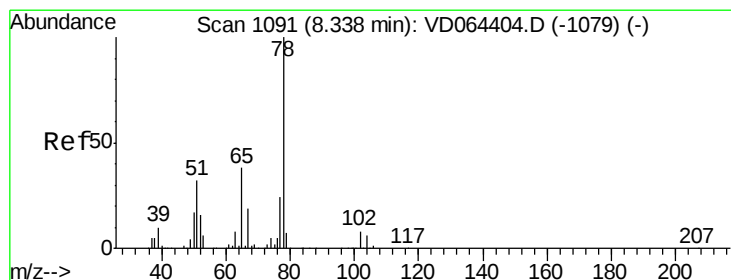
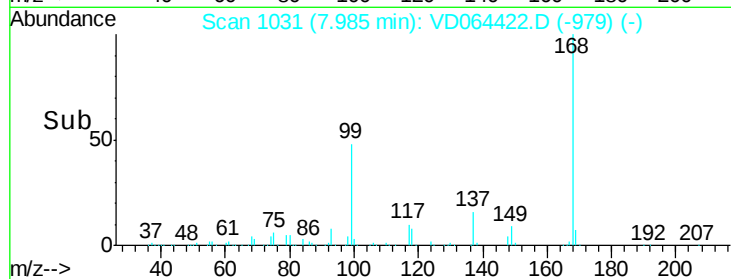
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.256 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064422.D

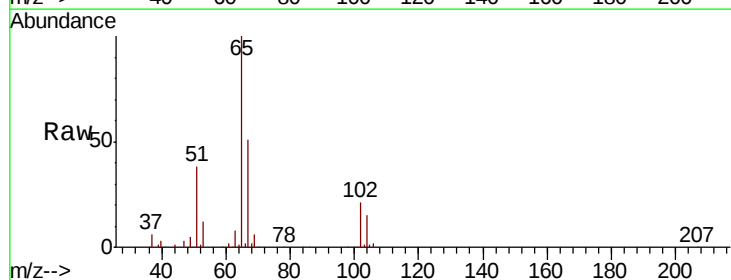
Acq: 04 Dec 2019 17:45

Tgt Ion: 65 Resp: 270026

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

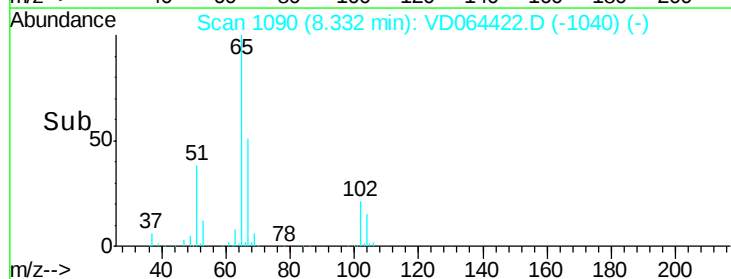
8.33

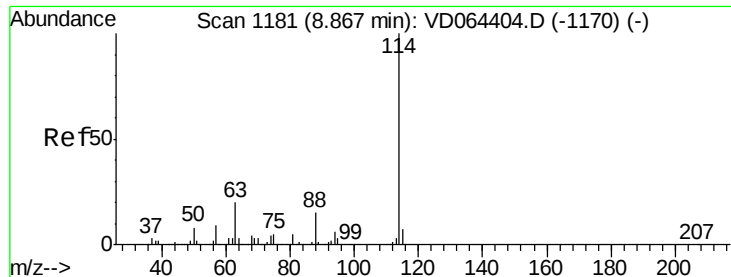
100000

50000

0

Time-->

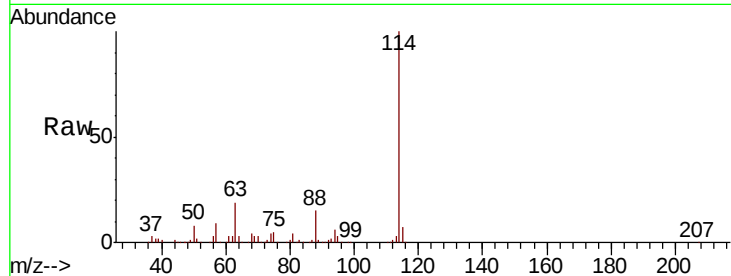




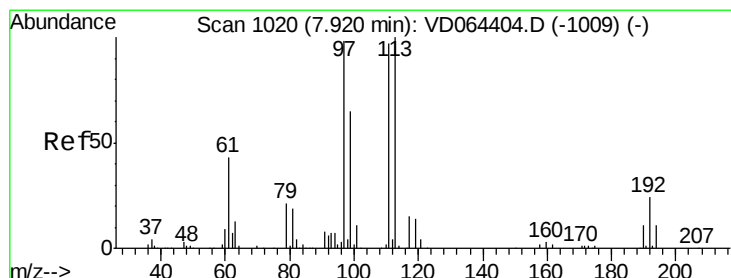
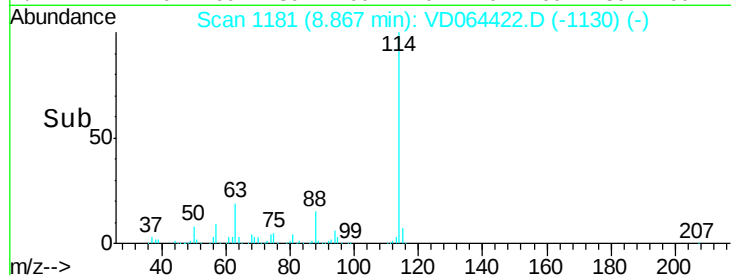
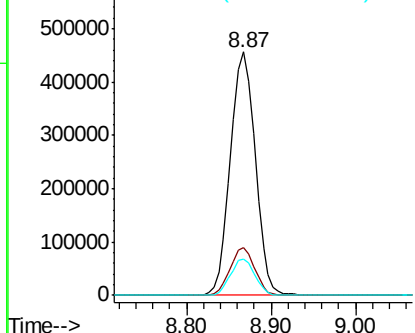
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064422.D
Acq: 04 Dec 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
TH-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	14.8	0.0	29.2

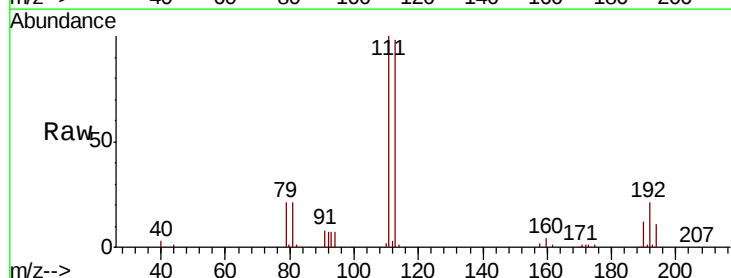


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

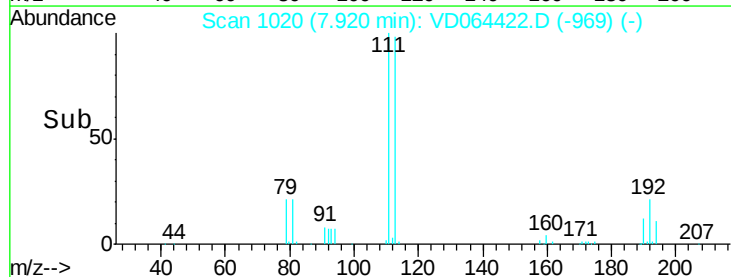
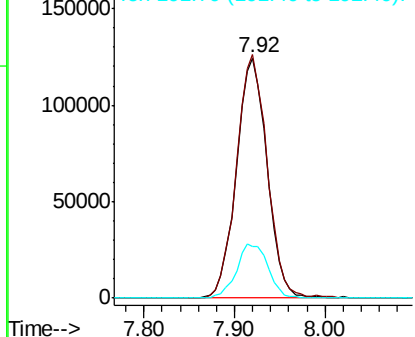


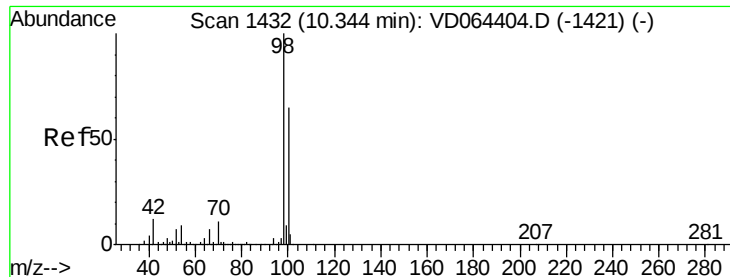
#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064422.D
Acq: 04 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.4	119.2
192	23.0	18.6	28.0



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: 49.990 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064422.D

Acq: 04 Dec 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

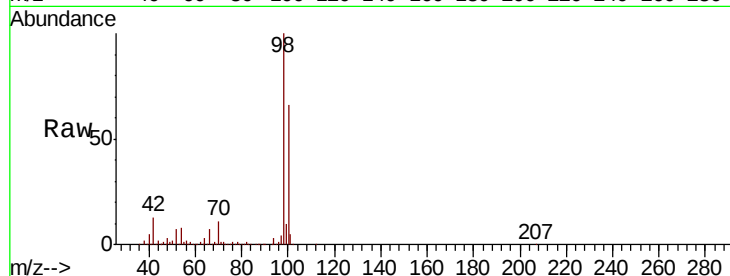
TH-2

Tot Ion: 98 Resp: 1103422

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

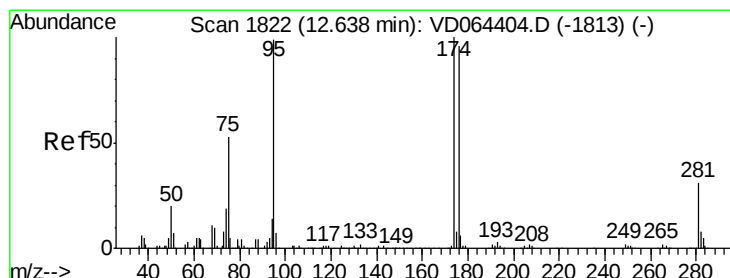
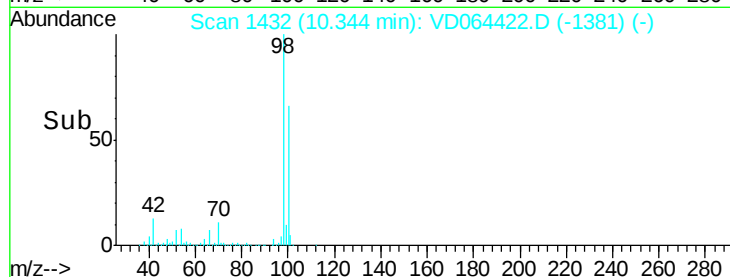
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.554 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064422.D

Acq: 04 Dec 2019 17:45

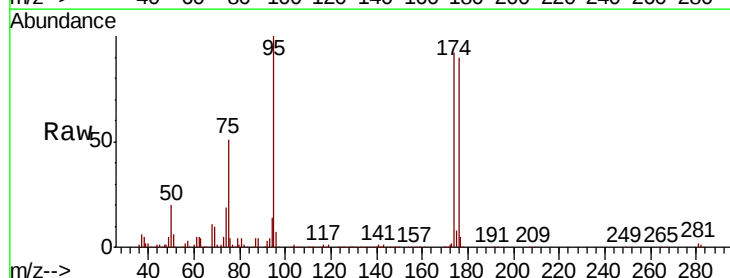
Tgt Ion: 95 Resp: 337332

Ion Ratio Lower Upper

95 100

174 95.3 0.0 197.2

176 90.6 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

250000

200000

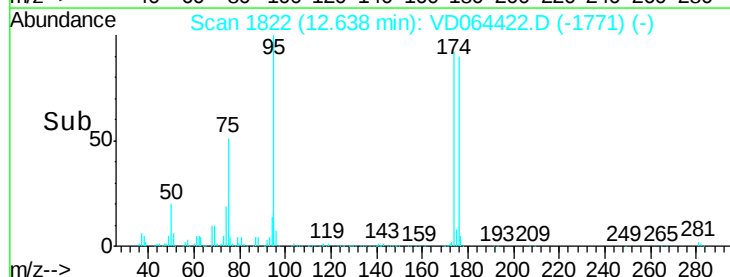
150000

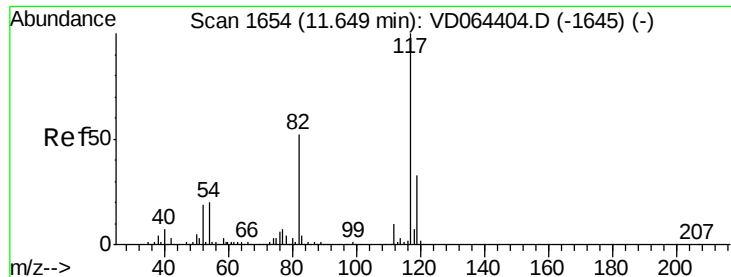
100000

50000

0

Time-->

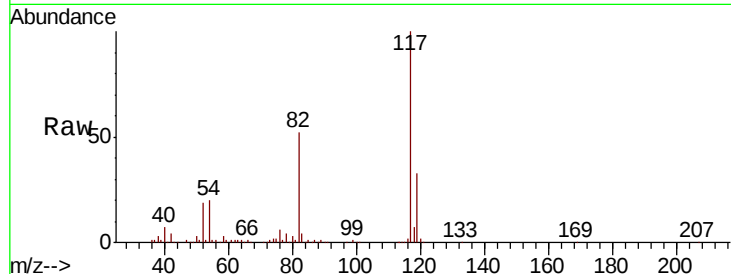




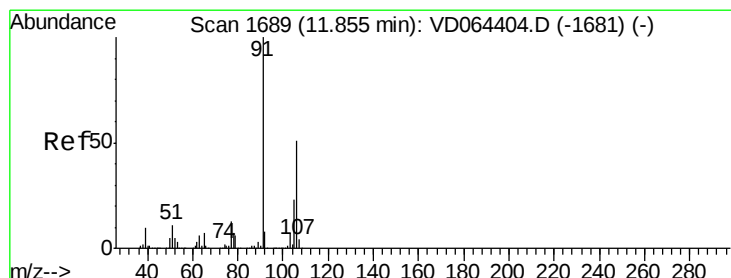
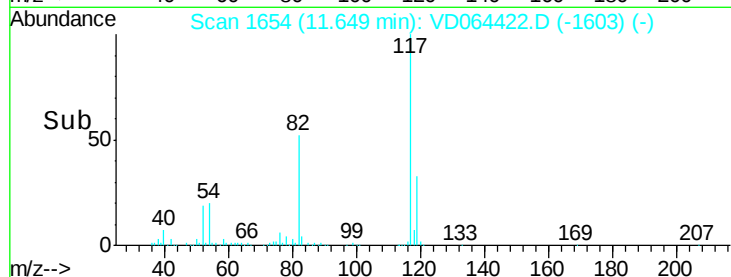
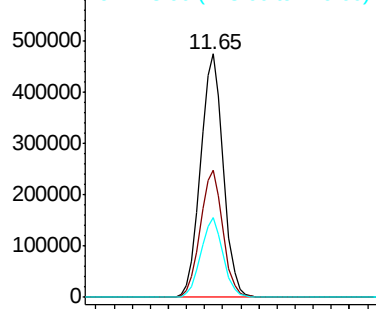
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064422.D
Acq: 04 Dec 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
TH-2

Tot Ion:117 Resp: 826911
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 32.6 26.2 39.2

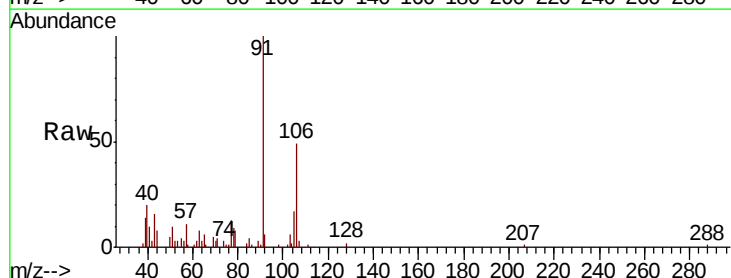


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

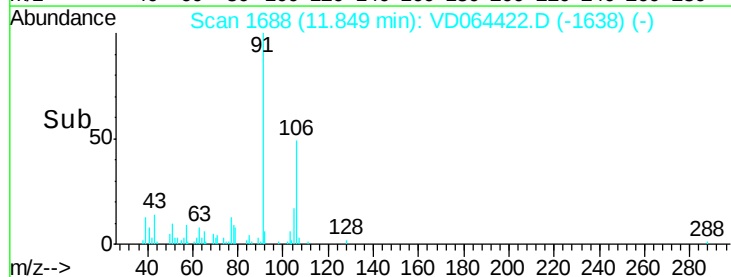
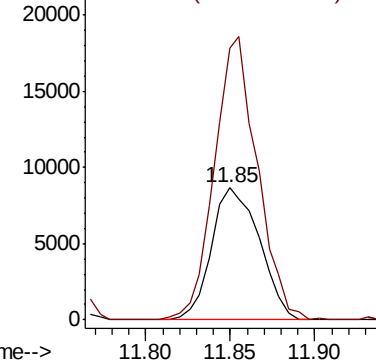


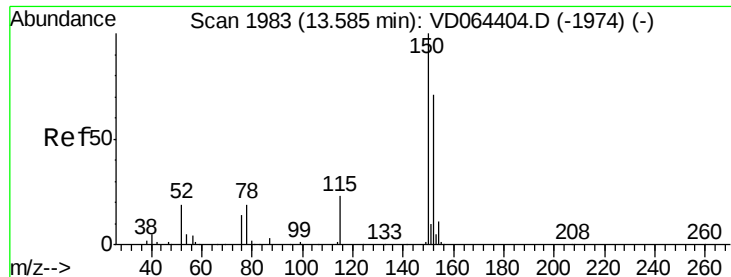
#68
m/p-Xylenes
Concen: 1.461 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064422.D
Acq: 04 Dec 2019 17:45

Tgt Ion:106 Resp: 17096
Ion Ratio Lower Upper
106 100
91 192.6 157.4 236.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064422.D

Acq: 04 Dec 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

TH-2

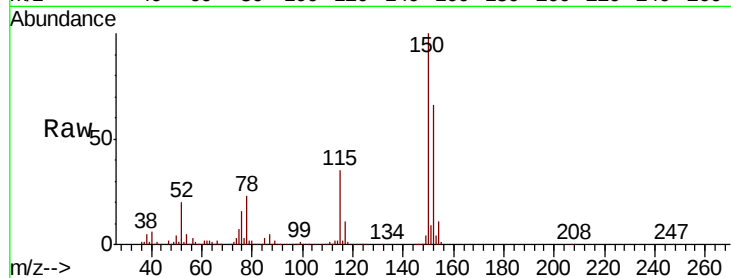
Tot Ion:152 Resp: 340408

Ion Ratio Lower Upper

152 100

115 54.1 26.7 80.1

150 155.9 0.0 347.2



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

