

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064945.D
 Acq On : 24 Jan 2020 16:11
 Operator : VA/SY
 Sample : L1243-06
 Misc : 8.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CTY-SB-02-1-2

Quant Time: Jan 25 03:10:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

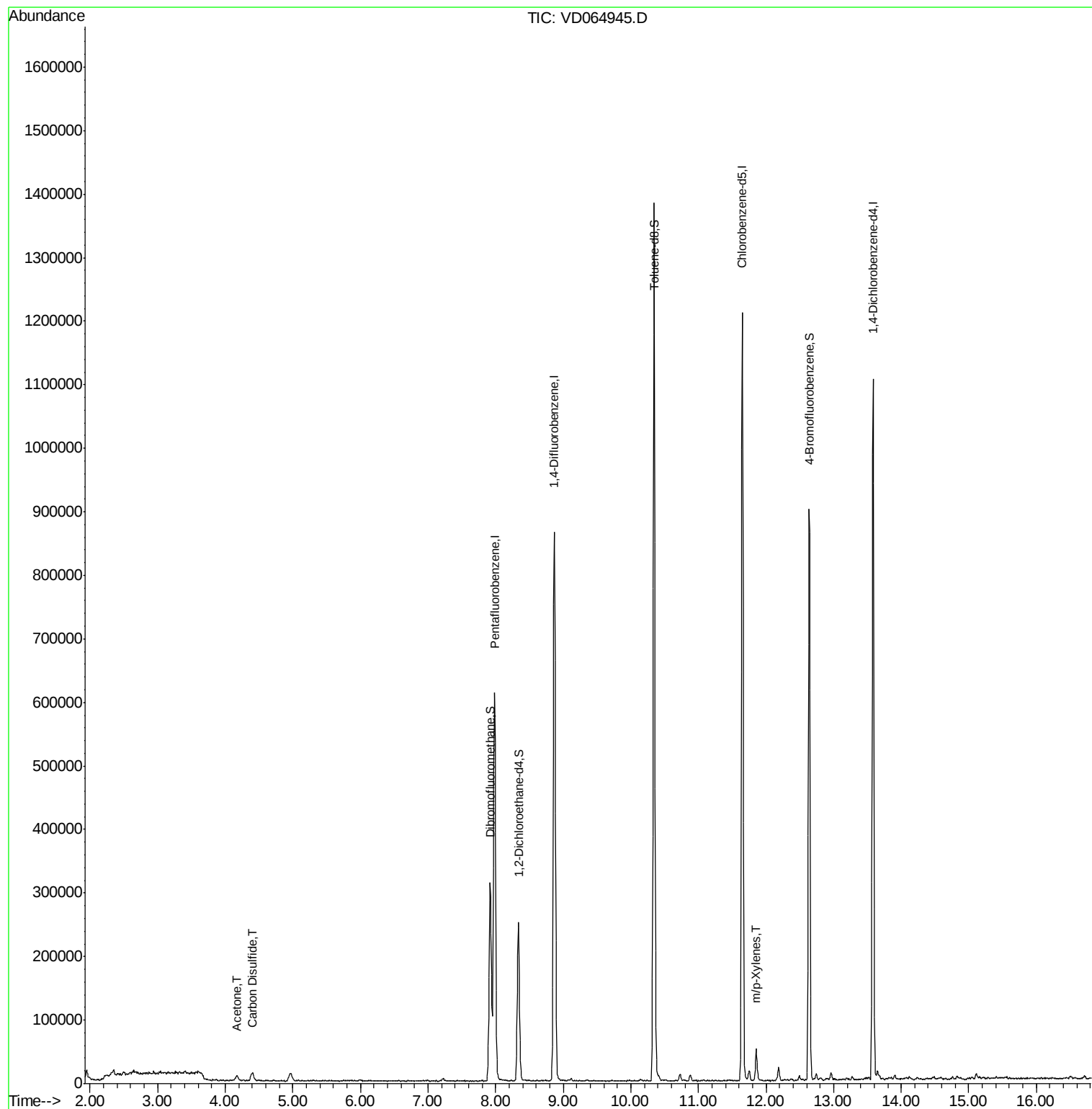
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	468525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	741592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	675879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200946	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
35) Dibromofluoromethane	7.92	113	216340	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	10.34	98	901026	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.64	95	274861	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
16) Acetone	4.17	43	14322	24.642	ug/l	91
17) Carbon Disulfide	4.40	76	27325	2.036	ug/l	95
68) m/p-Xylenes	11.86	106	14579	1.554	ug/l	98

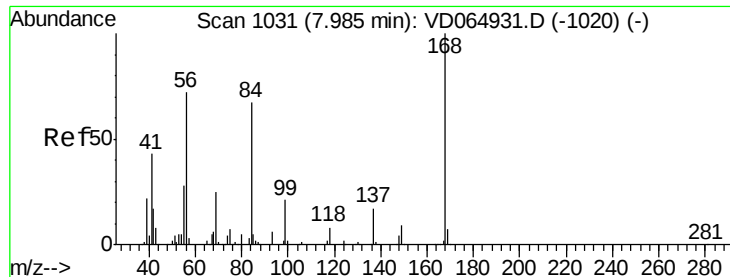
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012420\
Data File : VD064945.D
Acq On : 24 Jan 2020 16:11
Operator : VA/SY
Sample : L1243-06
Misc : 8.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-02-1-2

Quant Time: Jan 25 03:10:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

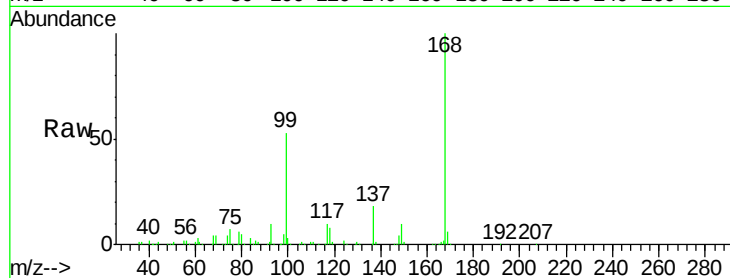
CTY-SB-02-1-2

Tot Ion:168 Resp: 468525

Ion Ratio Lower Upper

168 100

99 53.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

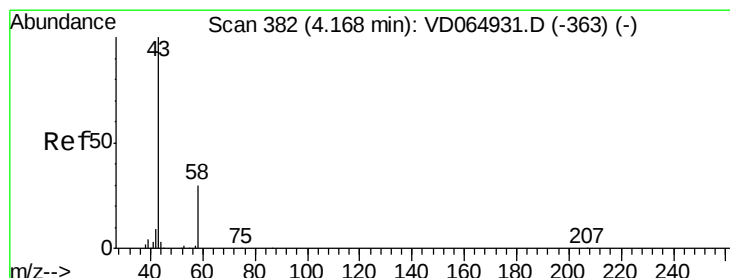
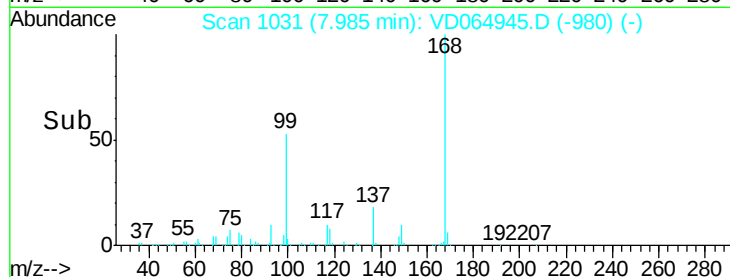
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.642 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064945.D

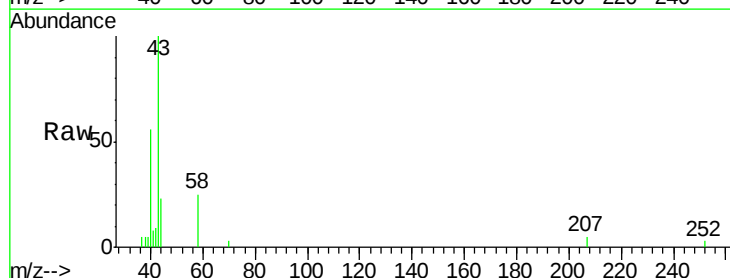
Acq: 24 Jan 2020 16:11

Tgt Ion: 43 Resp: 14322

Ion Ratio Lower Upper

43 100

58 24.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

6000

5000

4000

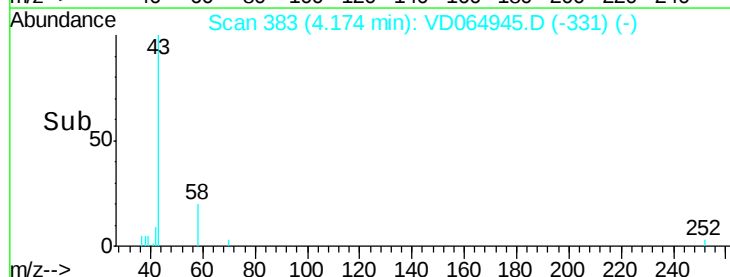
3000

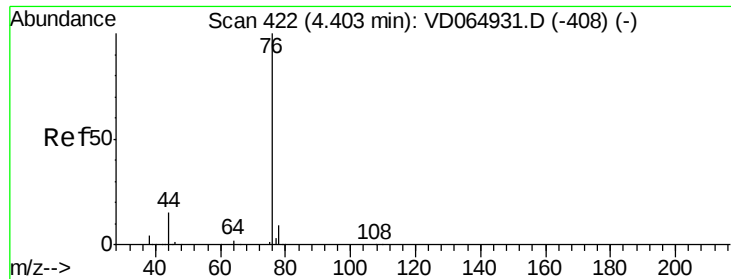
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 2.036 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

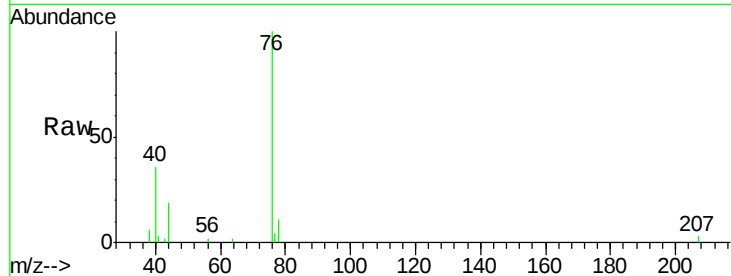
CTY-SB-02-1-2

Tot Ion: 76 Resp: 27325

Ion Ratio Lower Upper

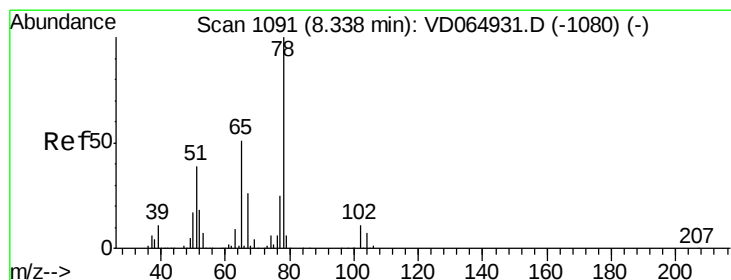
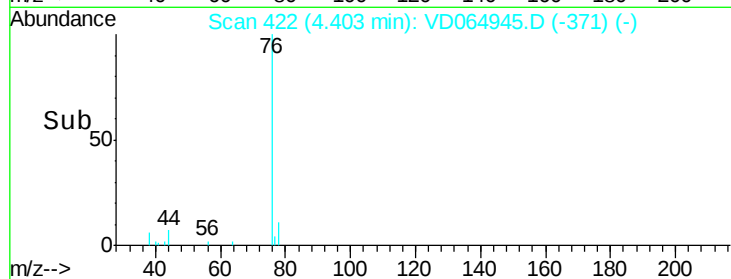
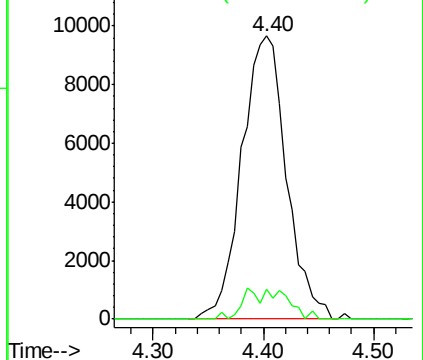
76 100

78 10.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 44.713 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064945.D

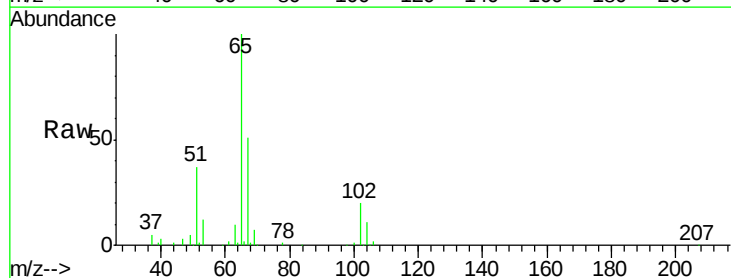
Acq: 24 Jan 2020 16:11

Tgt Ion: 65 Resp: 200946

Ion Ratio Lower Upper

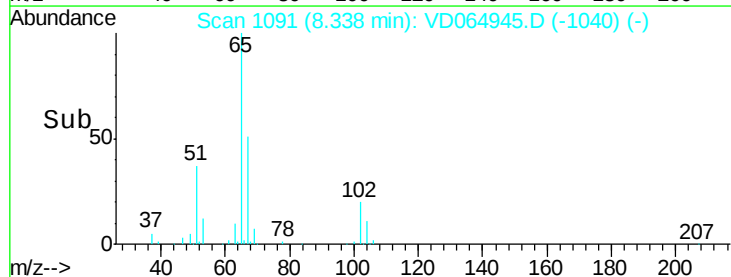
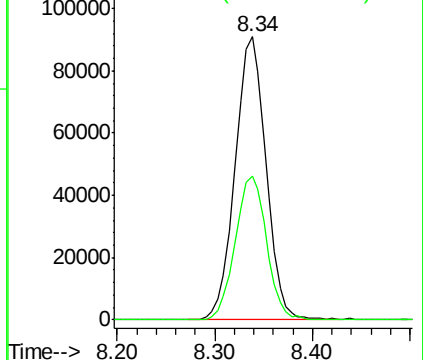
65 100

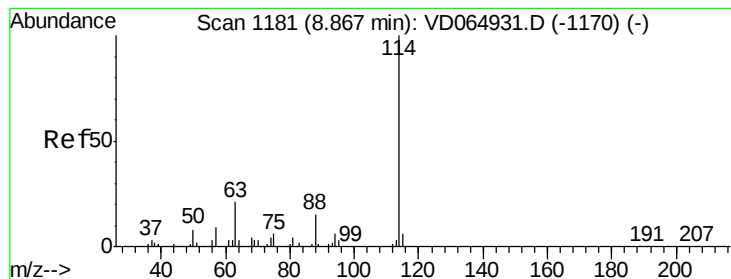
67 51.6 0.0 103.6



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# 1182

Delta R.T. 0.01 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

CTY-SB-02-1-2

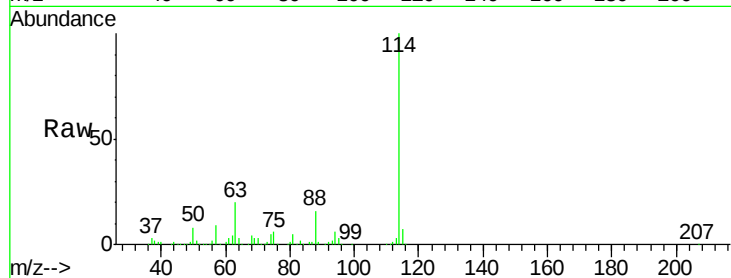
Tot Ion:114 Resp: 741592

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

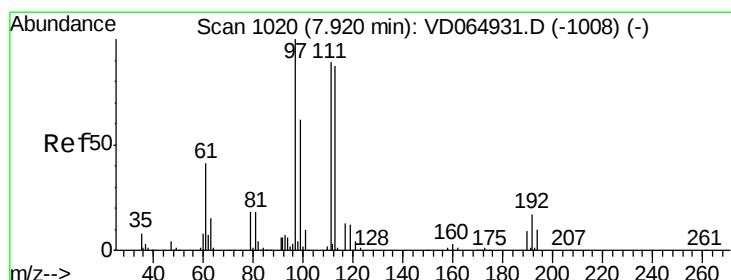
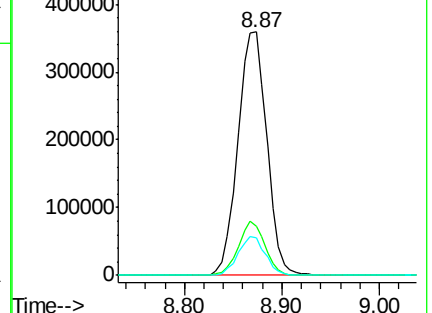
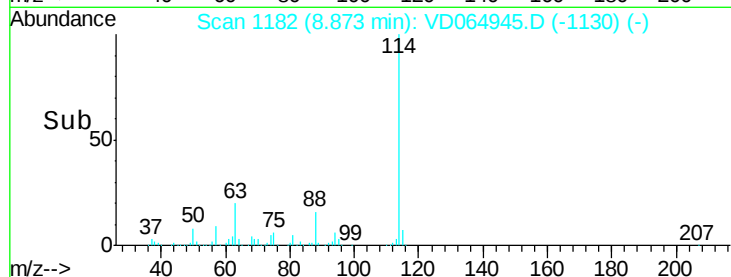
88 15.7 0.0 29.4



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: 46.422 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

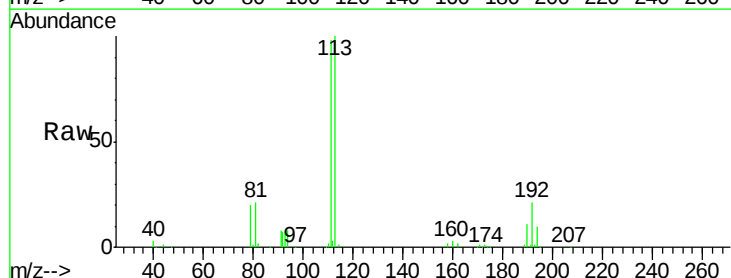
Tgt Ion:113 Resp: 216340

Ion Ratio Lower Upper

113 100

111 98.9 82.4 123.6

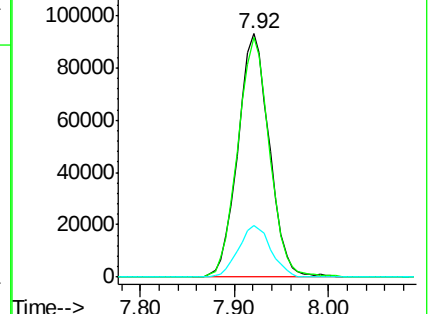
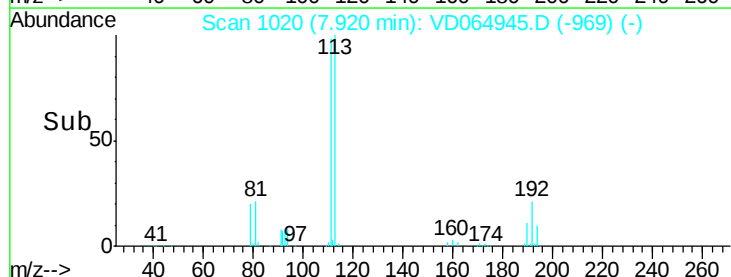
192 21.9 16.9 25.3

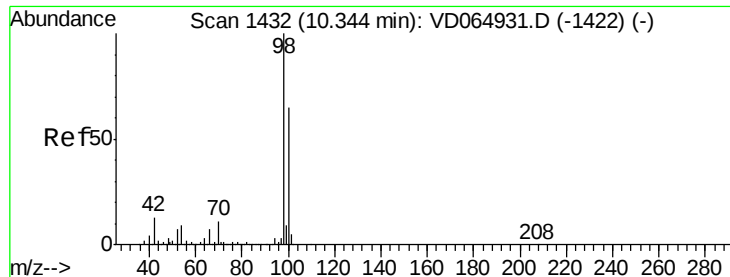


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.094 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

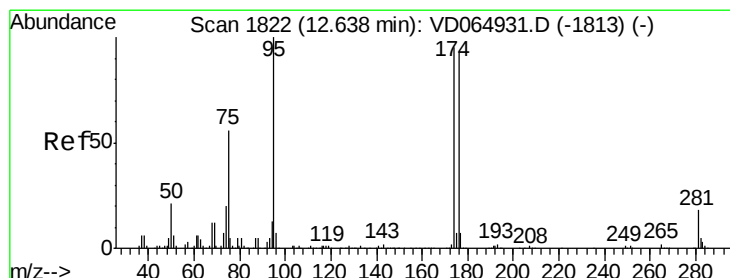
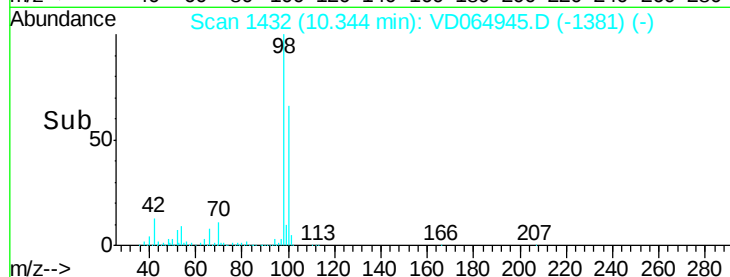
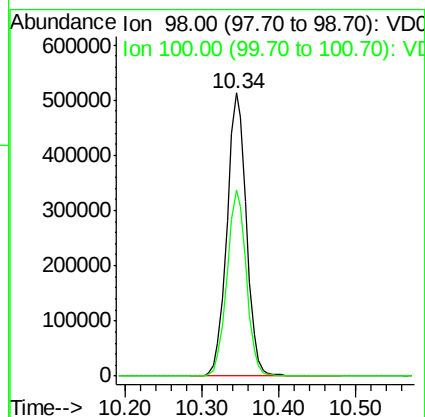
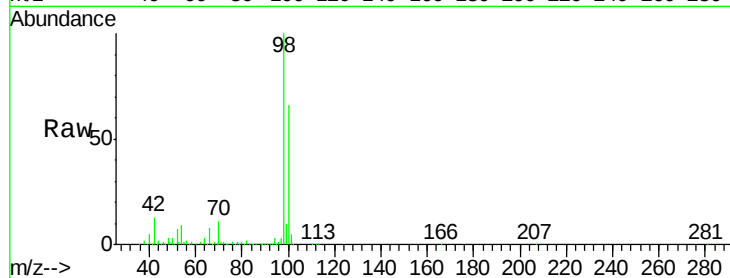
CTY-SB-02-1-2

Tot Ion: 98 Resp: 901026

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.935 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

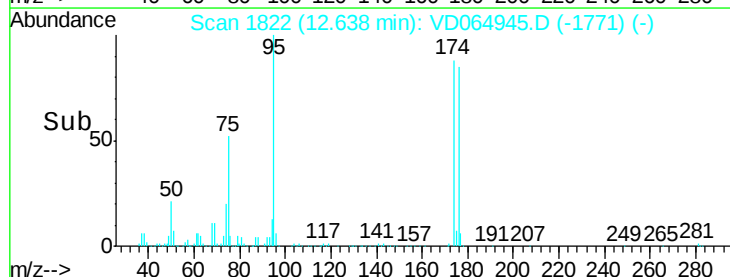
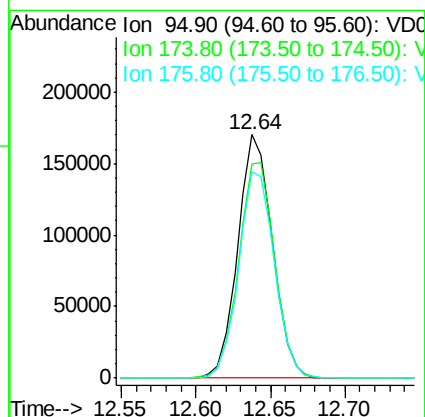
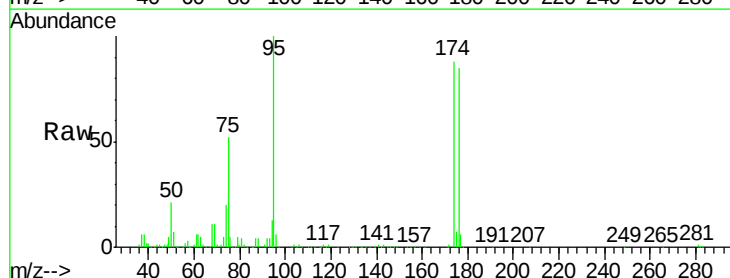
Tgt Ion: 95 Resp: 274861

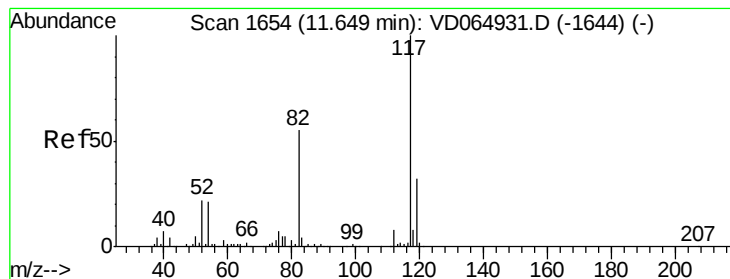
Ion Ratio Lower Upper

95 100

174 92.0 0.0 186.8

176 87.2 0.0 183.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

CTY-SB-02-1-2

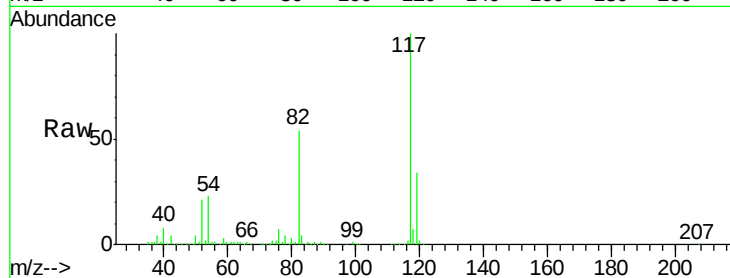
Tot Ion:117 Resp: 675879

Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

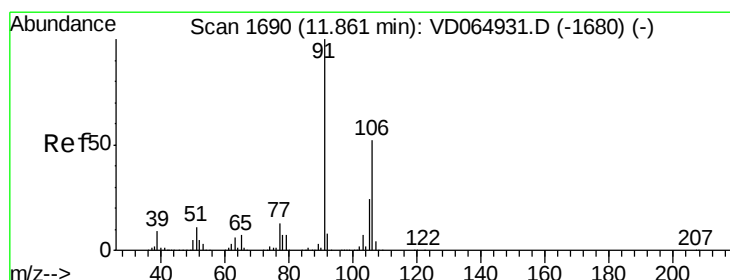
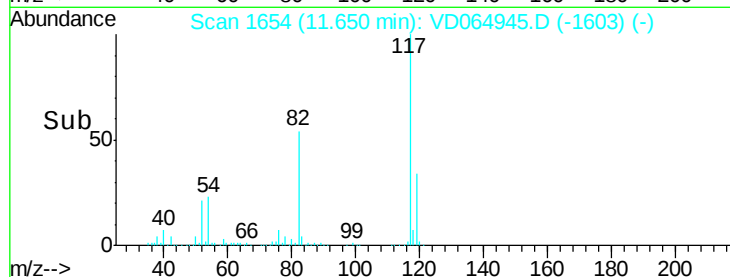
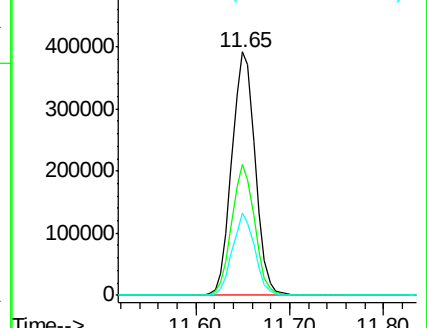
119 33.7 25.2 37.8



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: 1.554 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD064945.D

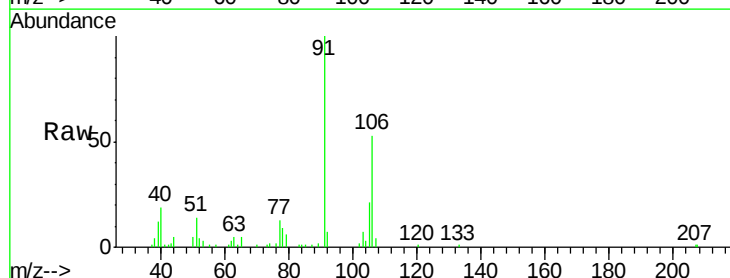
Acq: 24 Jan 2020 16:11

Tgt Ion:106 Resp: 14579

Ion Ratio Lower Upper

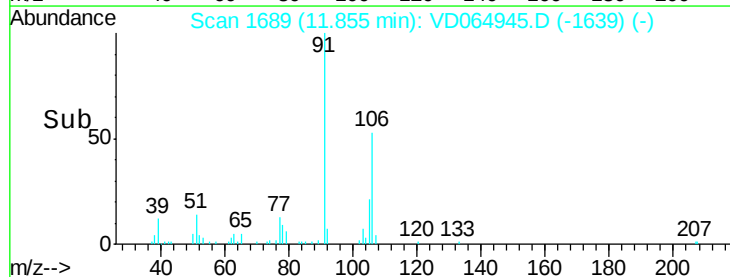
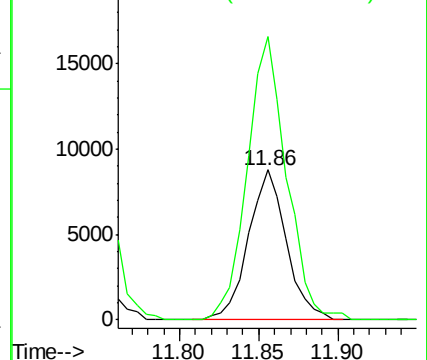
106 100

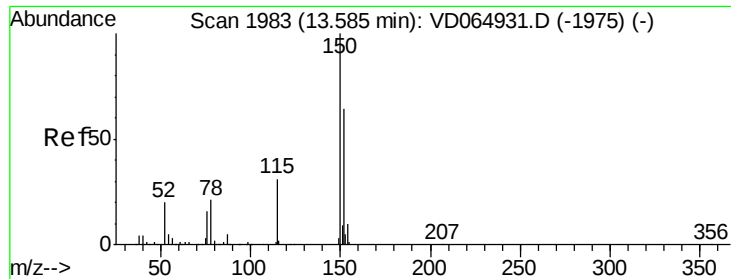
91 195.8 159.0 238.4



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: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

CTY-SB-02-1-2

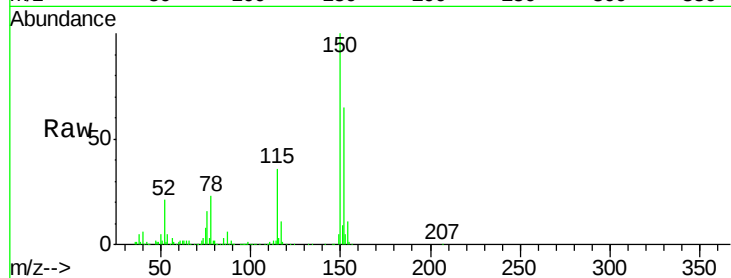
Tot Ion:152 Resp: 293189

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.4

150 152.8 0.0 350.4



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

