

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064488.D
 Acq On : 10 Dec 2019 17:19
 Operator : VA/SY
 Sample : K6242-03
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-11.5-12.0

Quant Time: Dec 11 01:13:24 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

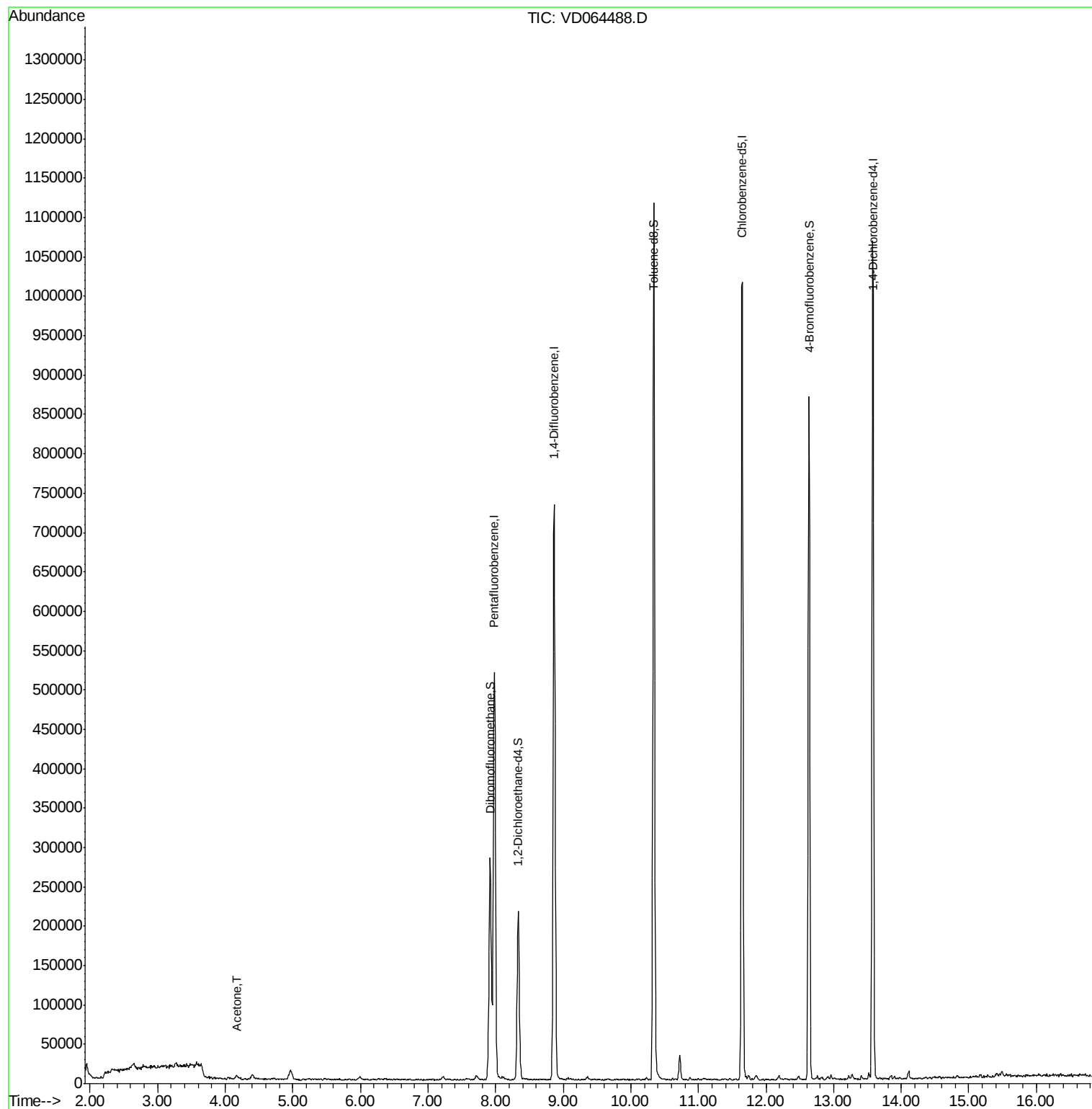
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	417636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	646429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	596525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	168321	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
35) Dibromofluoromethane	7.92	113	190245	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	10.34	98	760594	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.64	95	255778	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
16) Acetone	4.17	43	8053	10.542	ug/l #	Qvalue 88

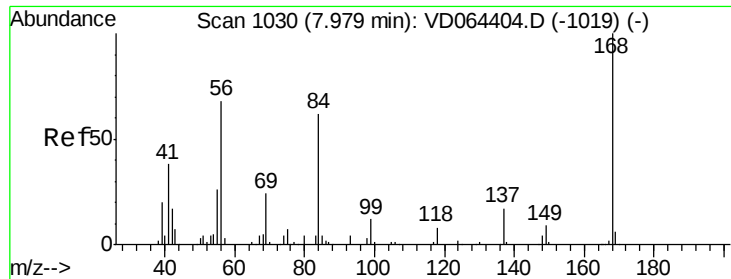
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064488.D

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Instrument :

MSVOA_D

ClientSampleId :

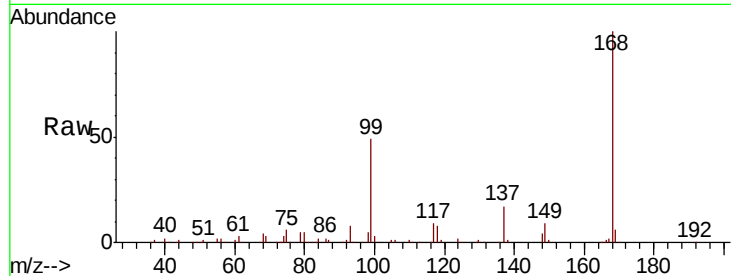
SB-02-11.5-12.0

Tot Ion:168 Resp: 417636

Ion Ratio Lower Upper

168 100

99 48.7 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

200000

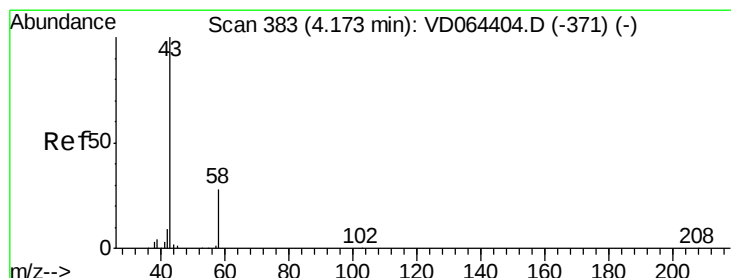
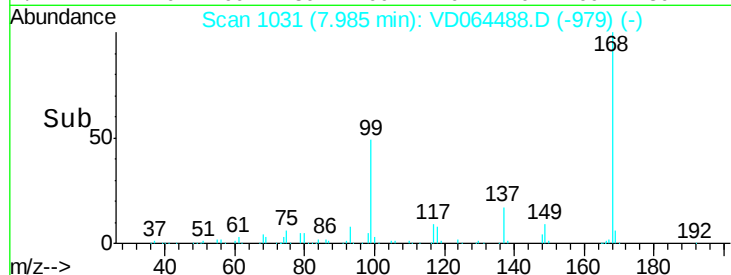
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.542 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064488.D

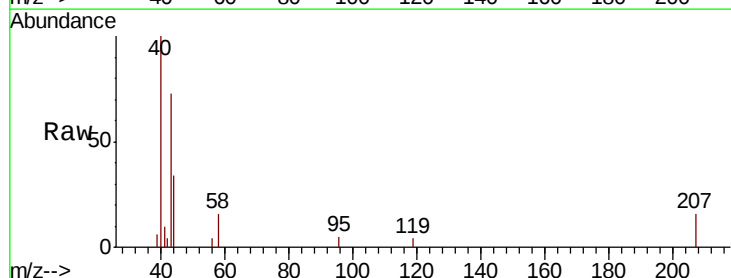
Acq: 10 Dec 2019 17:19

Tgt Ion: 43 Resp: 8053

Ion Ratio Lower Upper

43 100

58 22.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

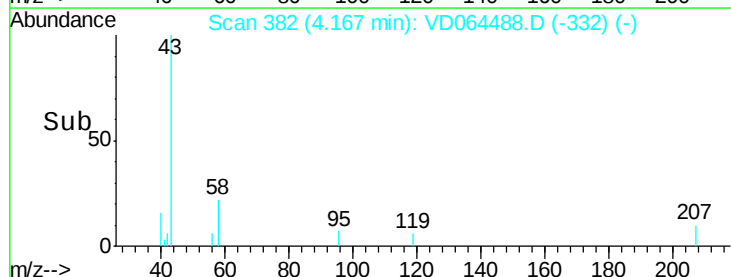
3000

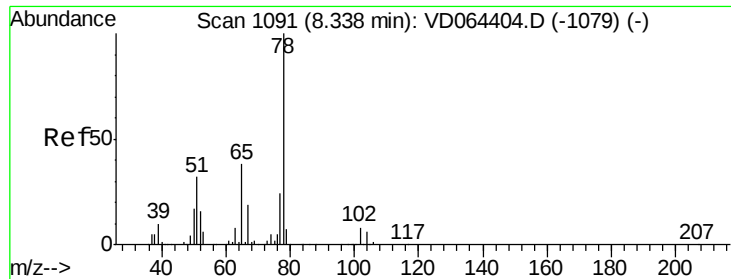
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.527 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

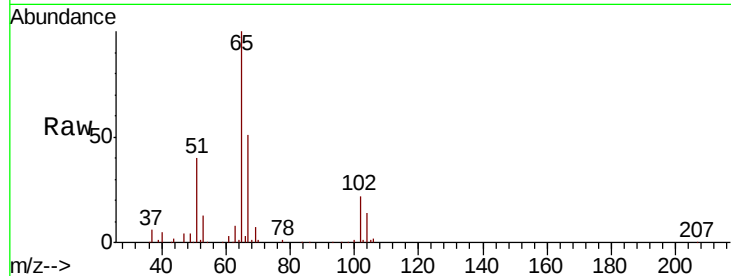
SB-02-11.5-12.0

Tot Ion: 65 Resp: 168321

Ion Ratio Lower Upper

65 100

67 52.0 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

80000

60000

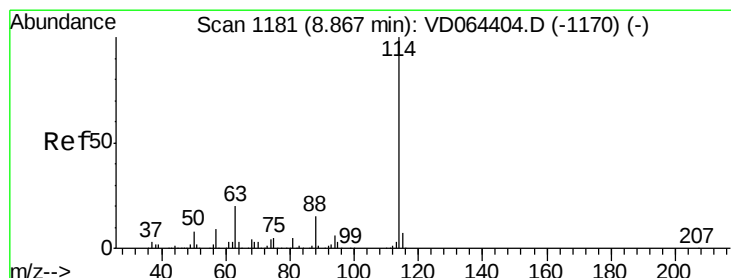
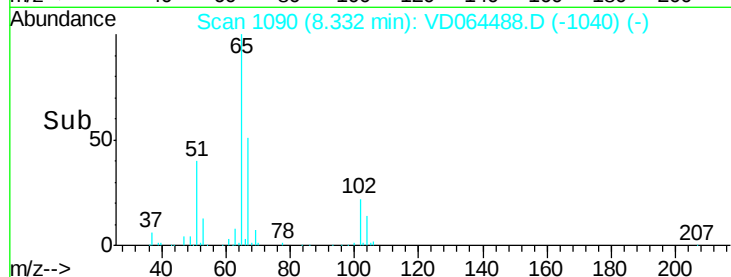
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

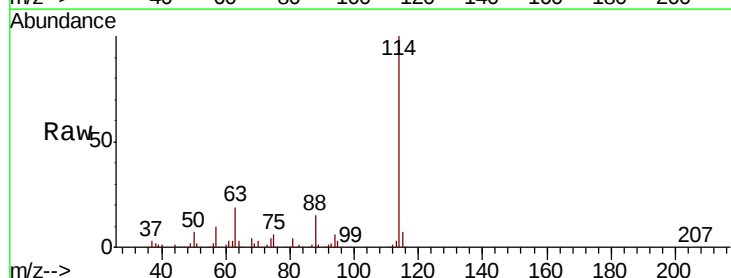
Tgt Ion: 114 Resp: 646429

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

400000

300000

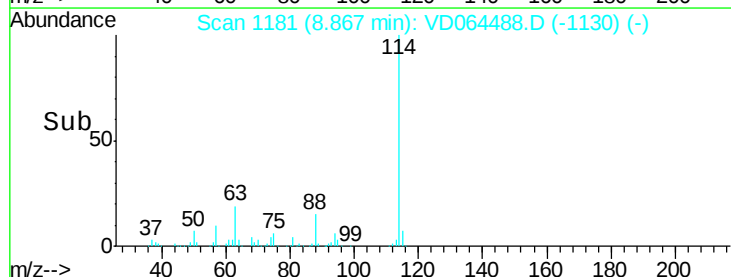
200000

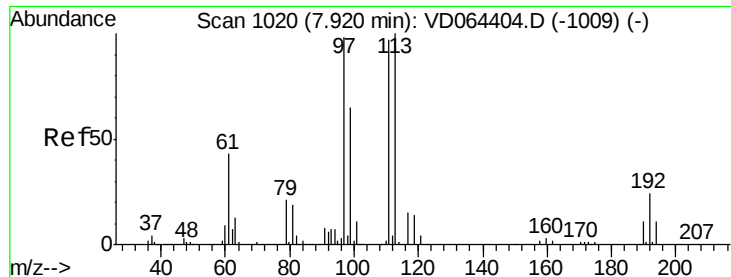
100000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 46.711 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

SB-02-11.5-12.0

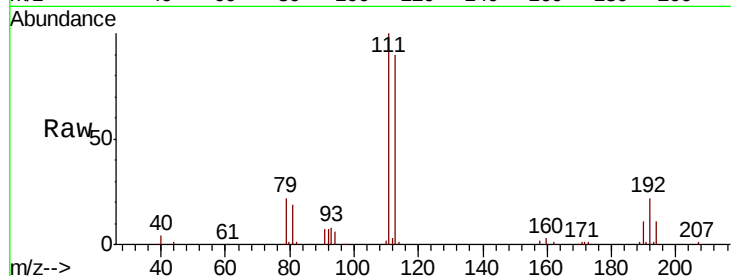
Tot Ion:113 Resp: 190245

Ion Ratio Lower Upper

113 100

111 103.8 79.4 119.2

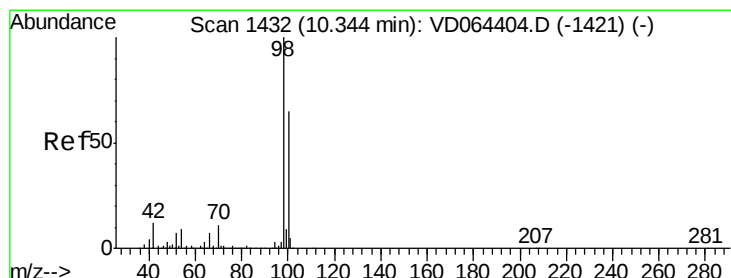
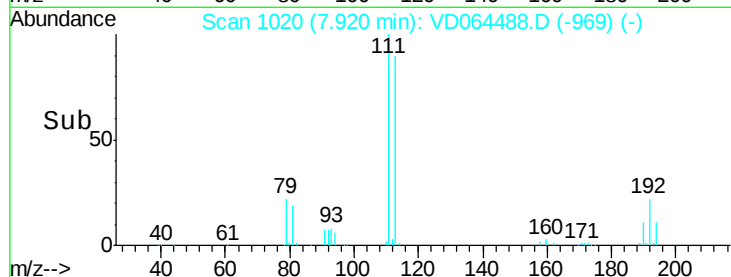
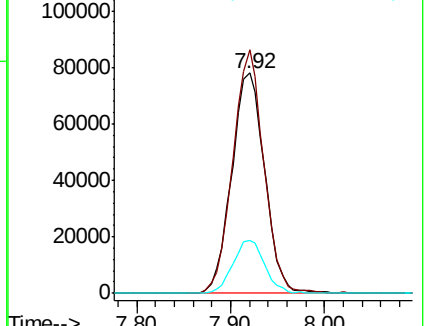
192 23.2 18.6 28.0



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: 49.576 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064488.D

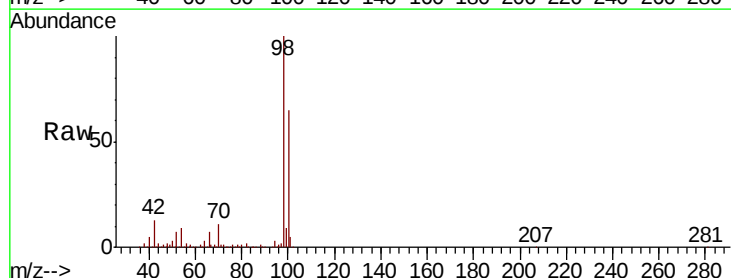
Acq: 10 Dec 2019 17:19

Tgt Ion: 98 Resp: 760594

Ion Ratio Lower Upper

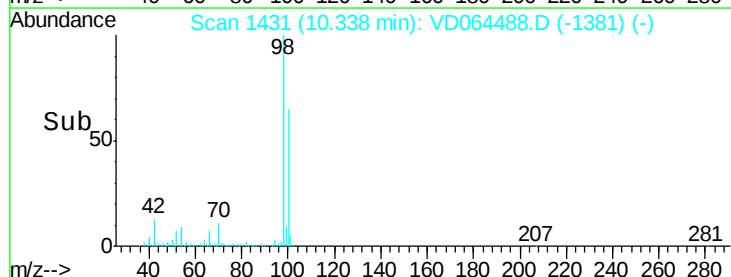
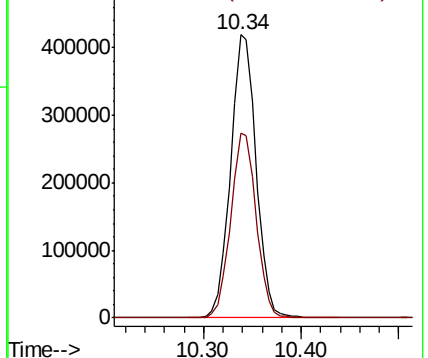
98 100

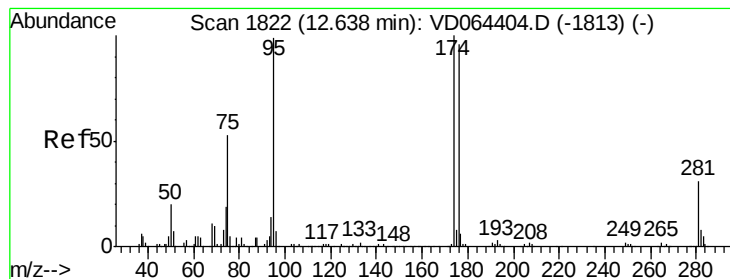
100 65.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.877 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

SB-02-11.5-12.0

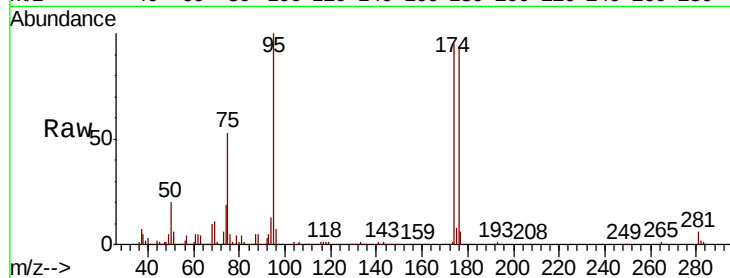
Tot Ion: 95 Resp: 255778

Ion Ratio Lower Upper

95 100

174 93.4 0.0 197.2

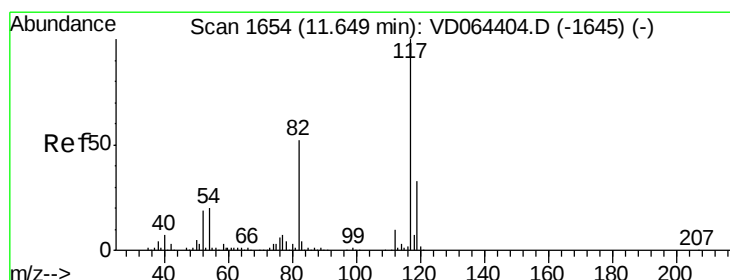
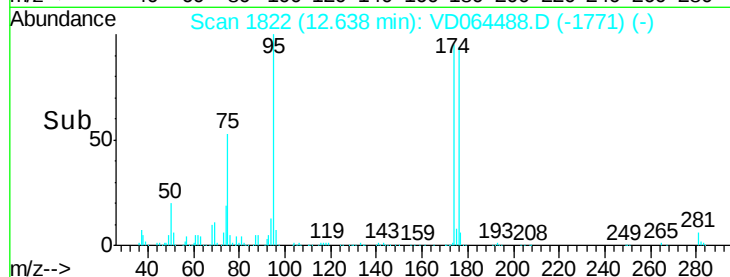
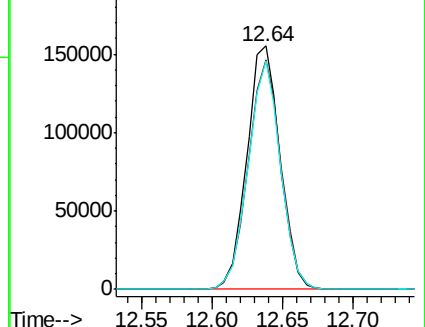
176 91.3 0.0 189.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

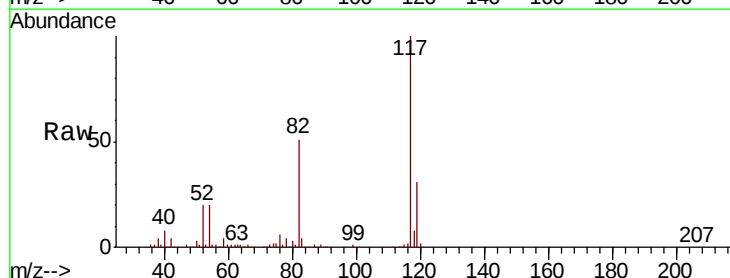
Tgt Ion: 117 Resp: 596525

Ion Ratio Lower Upper

117 100

82 51.4 41.4 62.2

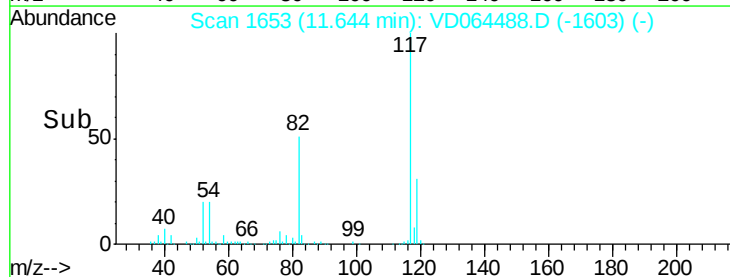
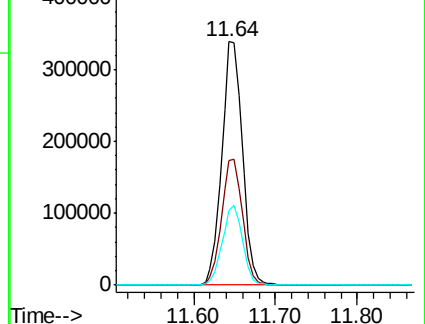
119 30.7 26.2 39.2

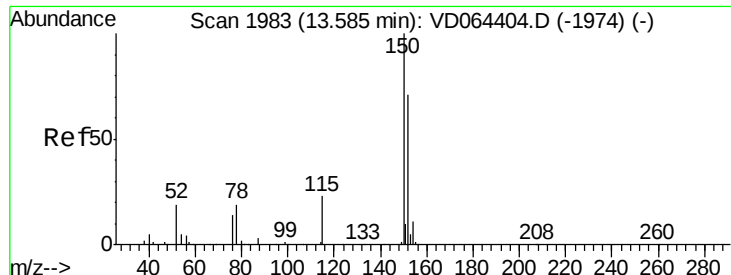


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

SB-02-11.5-12.0

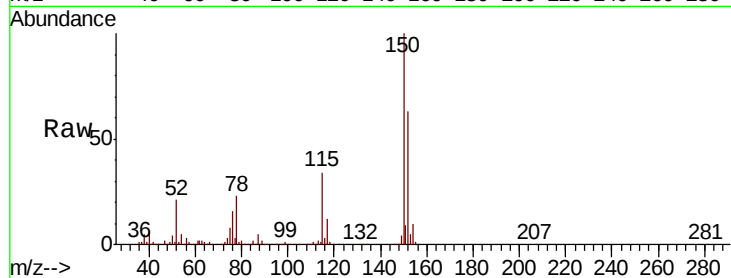
Tot Ion:152 Resp: 287613

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

150 157.3 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

