

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025883.D
 Acq On : 06 Aug 2018 14:10
 Operator : MD/SY
 Sample : J4257-04
 Misc : 9.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FK-BPM-03-001-BRE

Quant Time: Aug 07 01:11:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	178921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	288588	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	185716	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145381	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	4.88	113	121916	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	7.57	98	426800	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	10.31	95	173422	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

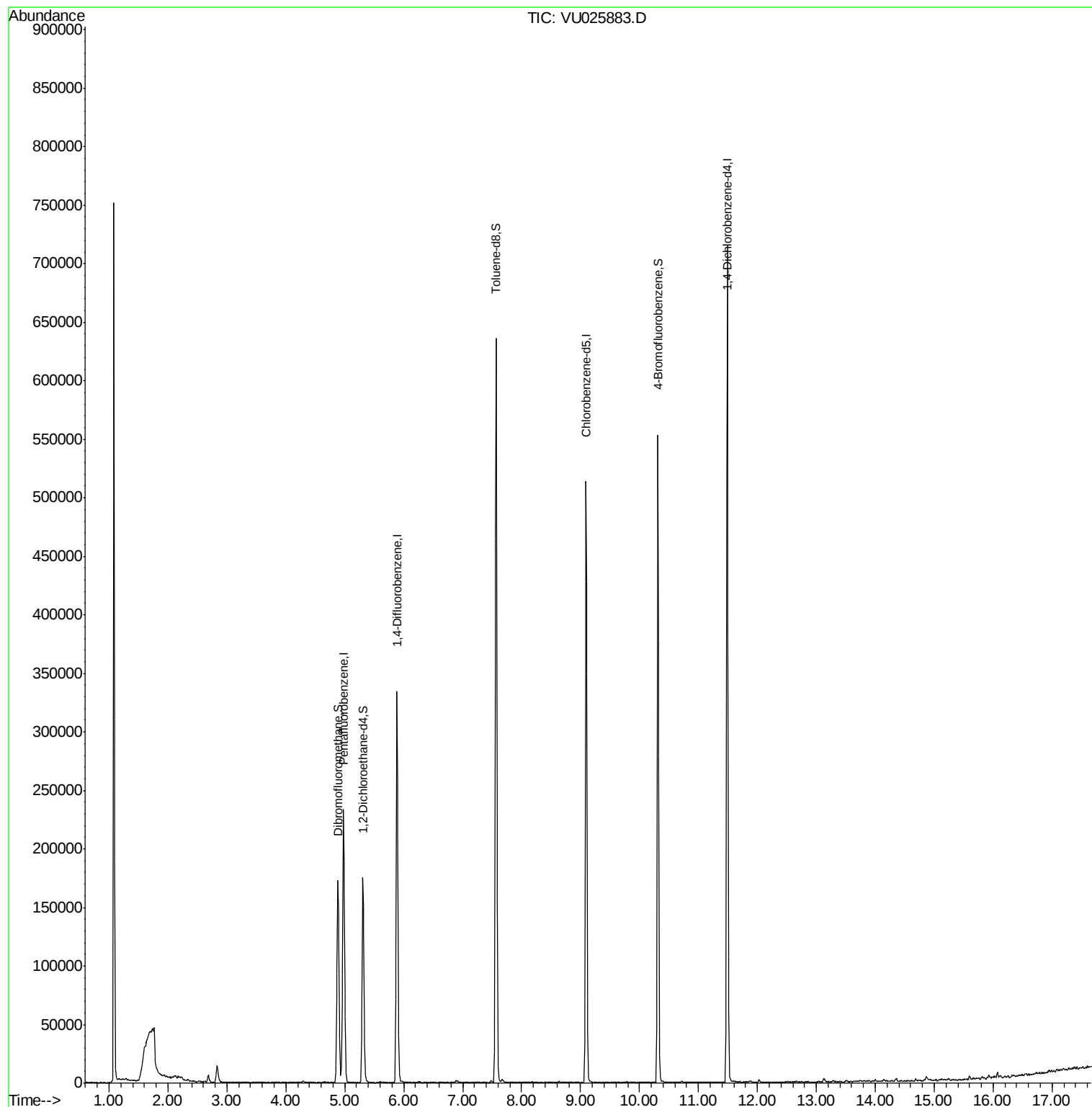
Target Compounds	Qvalue

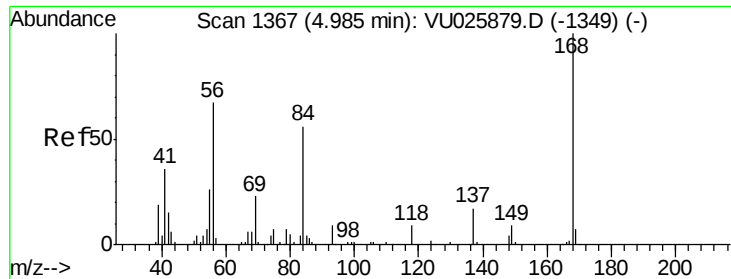
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025883.D

Acq: 06 Aug 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

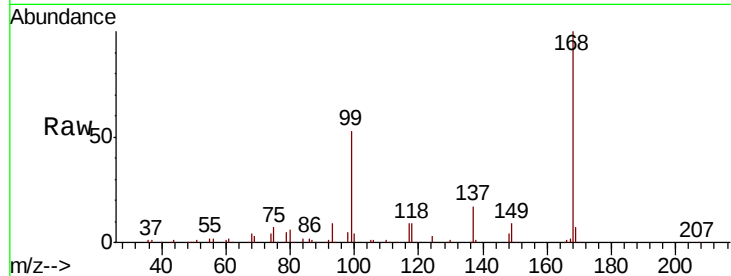
FK-BPM-03-001-BRE

Tot Ion:168 Resp: 178921

Ion Ratio Lower Upper

168 100

99 53.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025883.D (-1275) (-)

4.98

80000

60000

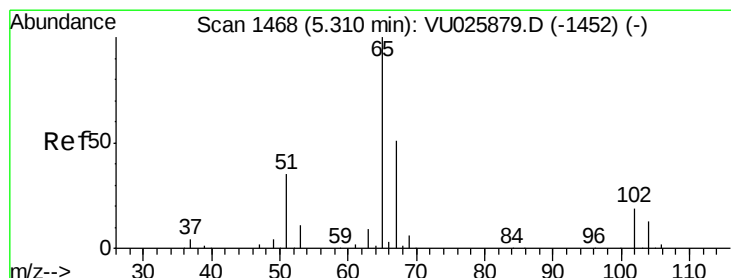
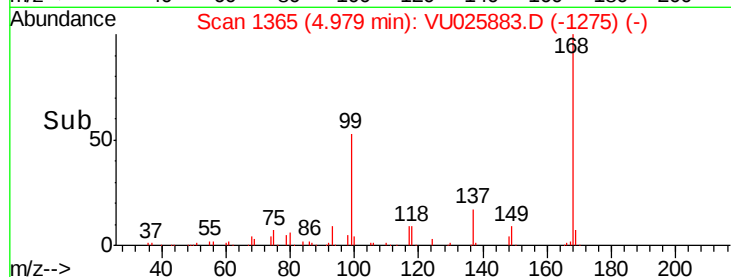
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.15 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025883.D

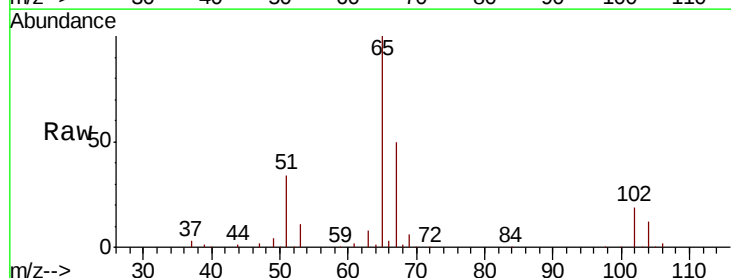
Acq: 06 Aug 2018 14:10

Tgt Ion: 65 Resp: 145381

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025883.D (-1376) (-)

5.31

80000

60000

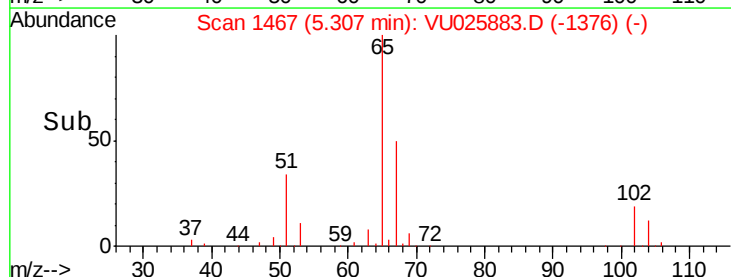
40000

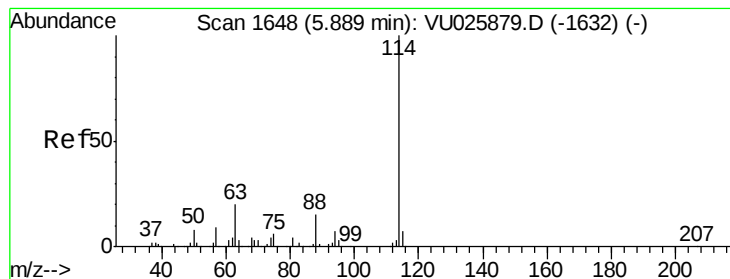
20000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.00 min

Lab File: VU025883.D

Acq: 06 Aug 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

FK-BPM-03-001-BRE

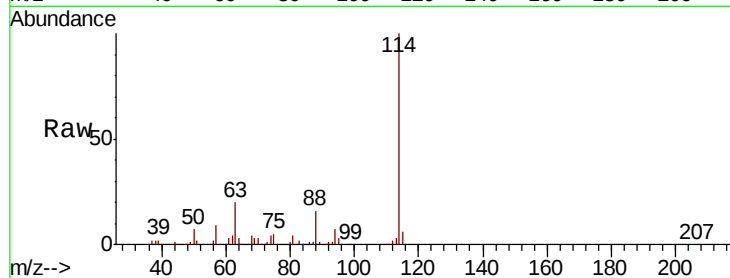
Tot Ion:114 Resp: 288588

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

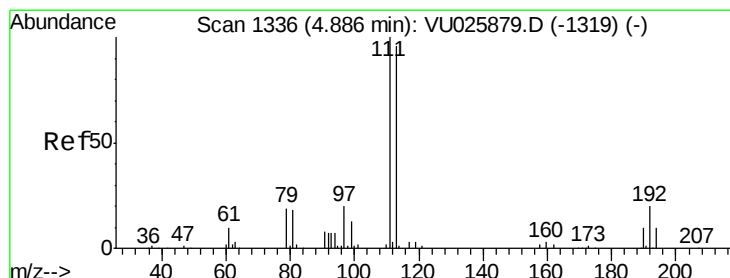
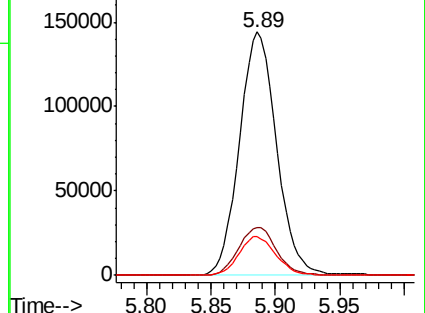
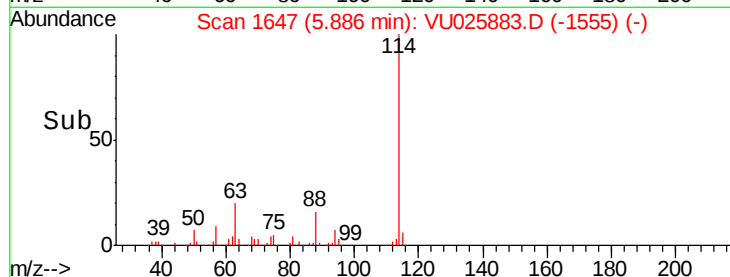
88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 48.57 ug/l

RT: 4.88 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VU025883.D

Acq: 06 Aug 2018 14:10

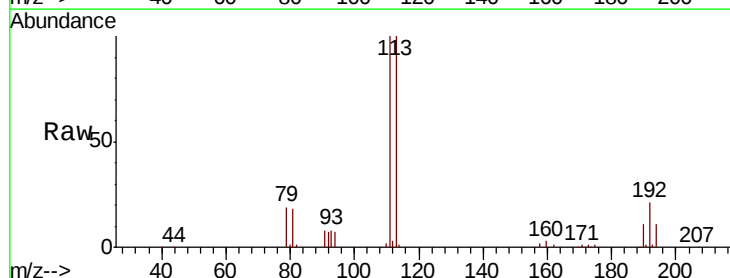
Tgt Ion:113 Resp: 121916

Ion Ratio Lower Upper

113 100

111 101.6 81.7 122.5

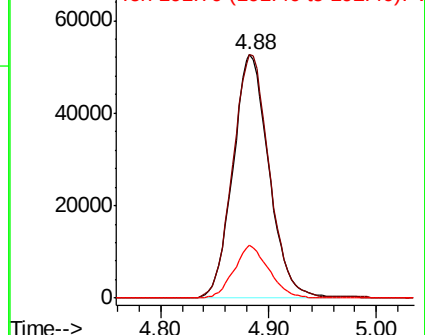
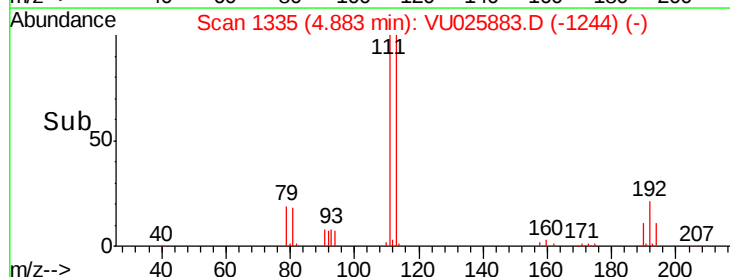
192 21.0 17.1 25.7

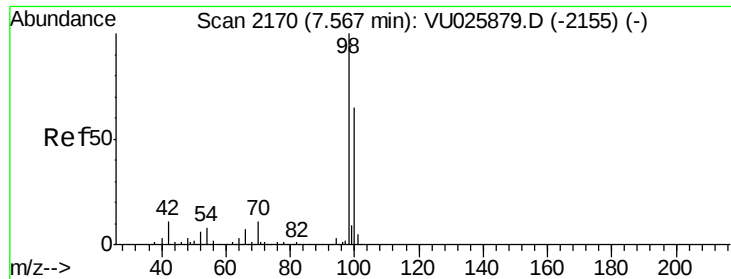


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.59 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025883.D

Acq: 06 Aug 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

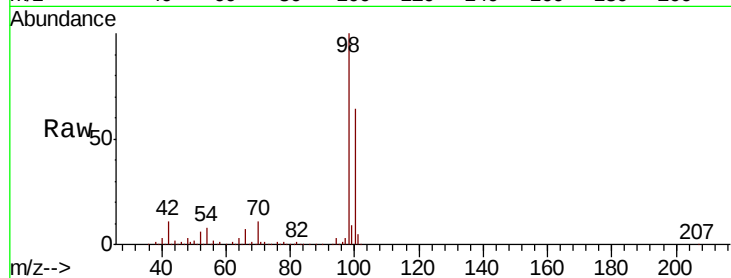
FK-BPM-03-001-BRE

Tot Ion: 98 Resp: 426800

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025879.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025879.D (-2155) (-)

7.57

250000

200000

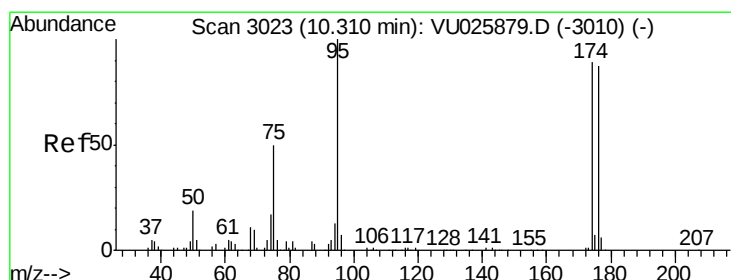
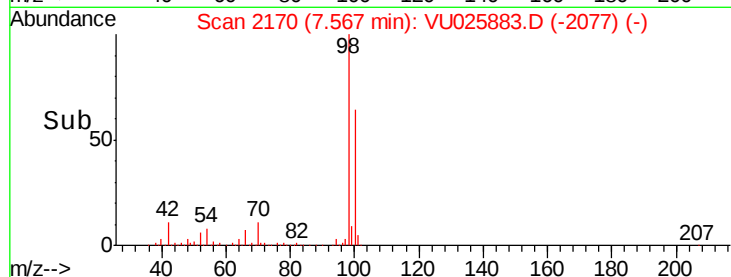
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.87 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025883.D

Acq: 06 Aug 2018 14:10

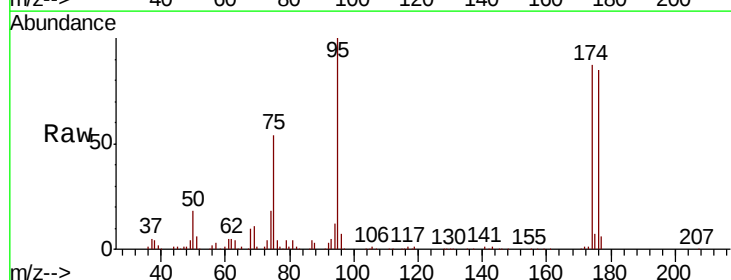
Tgt Ion: 95 Resp: 173422

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.2

176 86.0 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025879.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025879.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025879.D (-3010) (-)

10.31

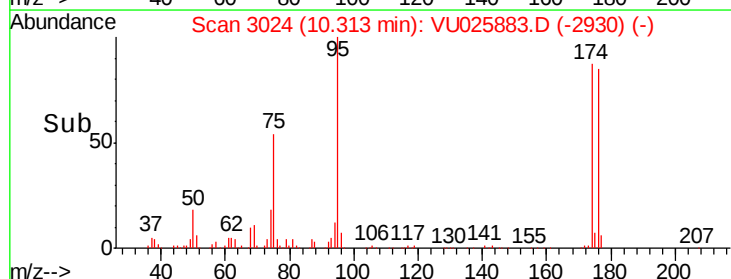
150000

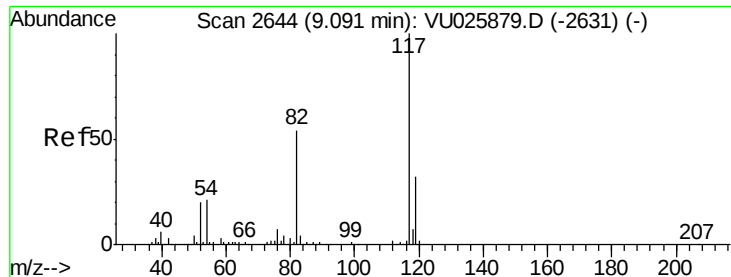
100000

50000

0

Time-->

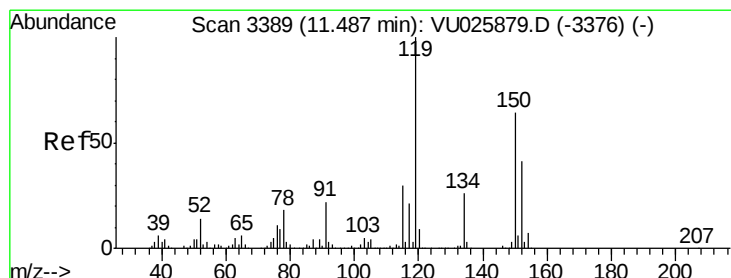
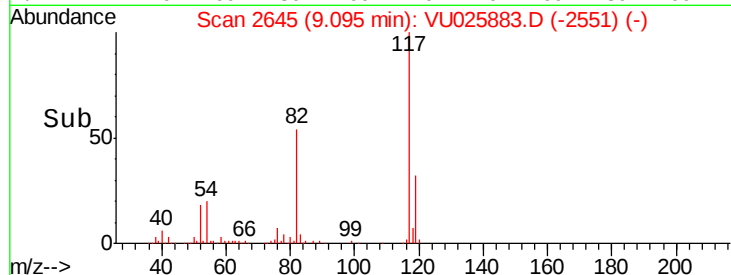
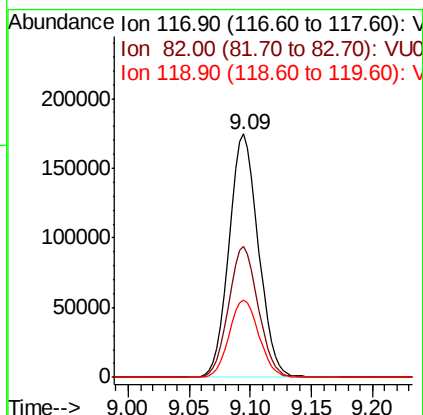
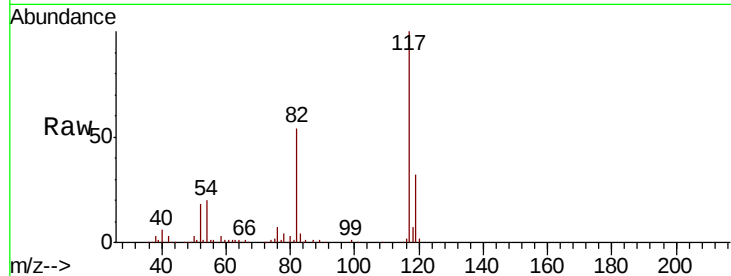




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025883.D
Acq: 06 Aug 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
FK-BPM-03-001-BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	46.0	69.0
119	31.7	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025883.D
Acq: 06 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.1	120.3
150	157.8	0.0	351.4

