

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024807.D
 Acq On : 21 Jun 2018 13:39
 Operator : MD/SY
 Sample : J3539-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-TB-2018-2

Quant Time: Jun 22 04:07:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306650	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141471	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	
35) Dibromofluoromethane	4.89	113	118046	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	7.57	98	443674	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	10.31	95	161242	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	

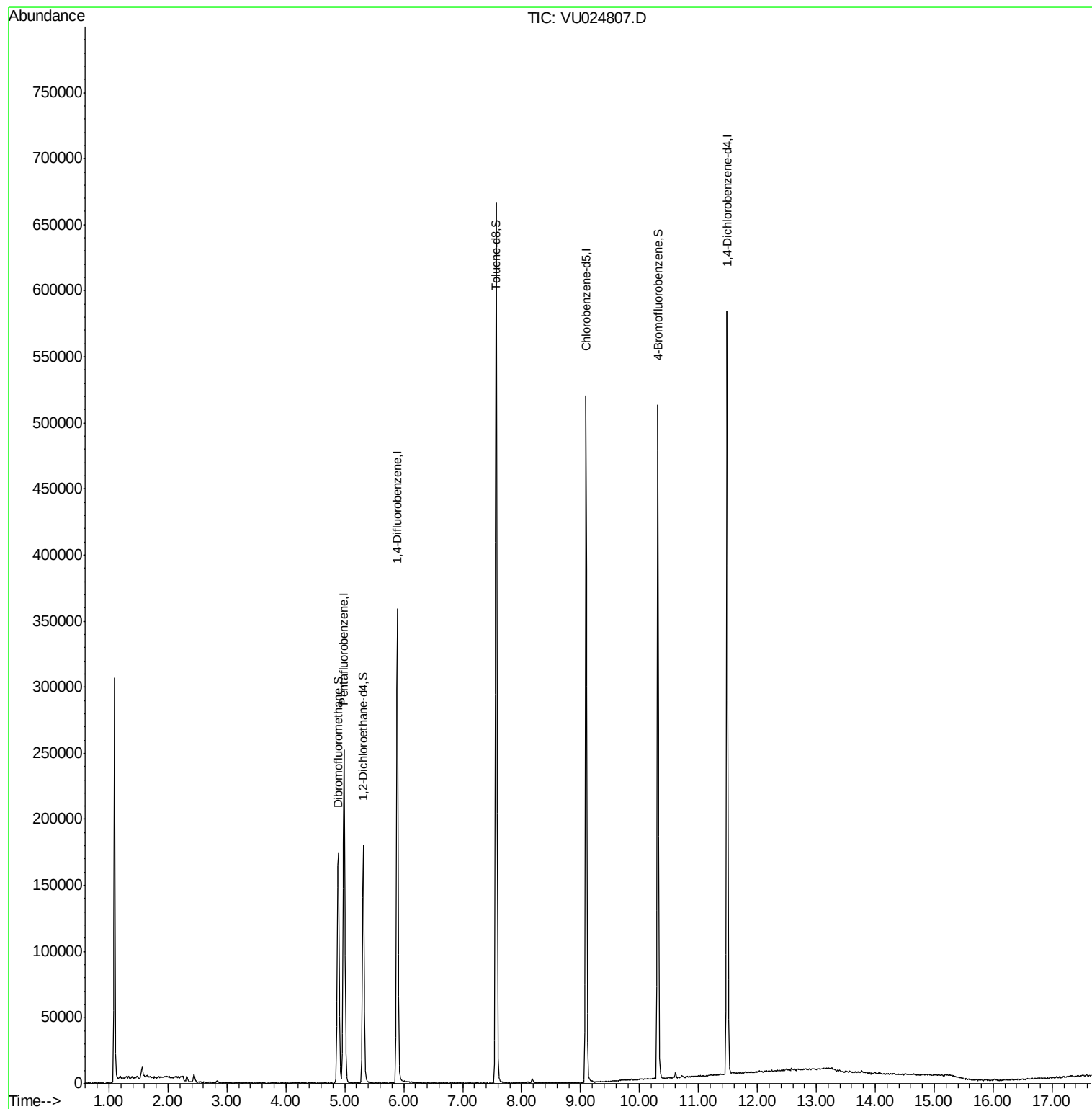
Target Compounds	Qvalue

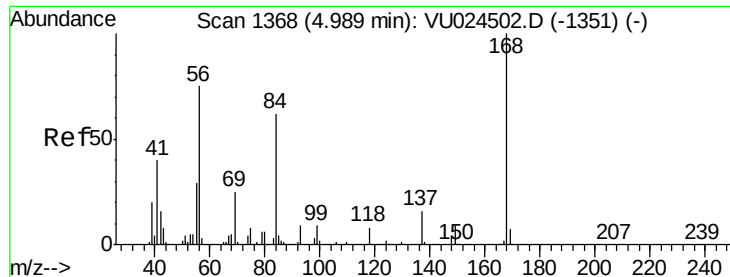
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024807.D

Acq: 21 Jun 2018 13:39

Instrument :

MSVOA_U

ClientSampleId :

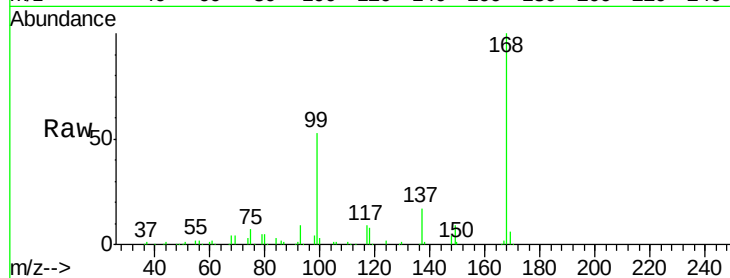
S39-TB-2018-2

Tot Ion:168 Resp: 200679

Ion Ratio Lower Upper

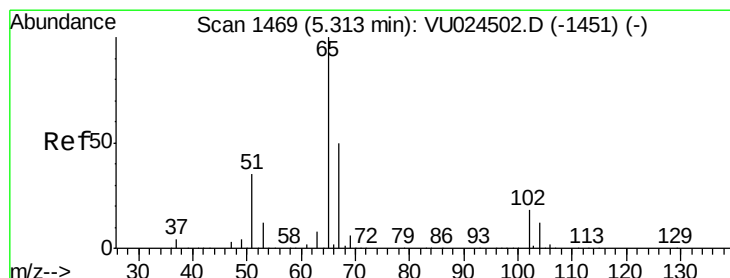
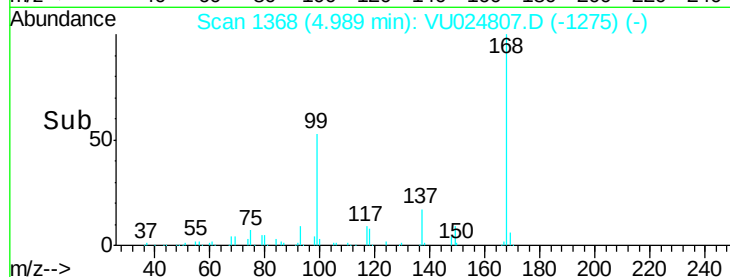
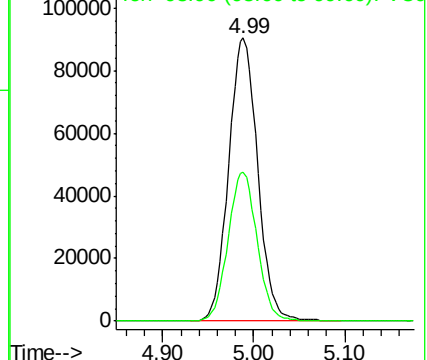
168 100

99 52.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024807.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024807.D (-1275) (-)



#33

1,2-Dichloroethane-d4

Concen: 43.18 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024807.D

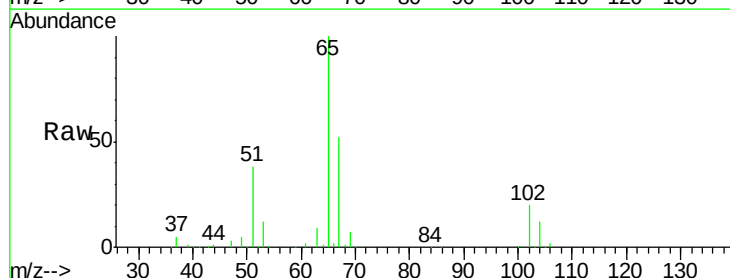
Acq: 21 Jun 2018 13:39

Tgt Ion: 65 Resp: 141471

Ion Ratio Lower Upper

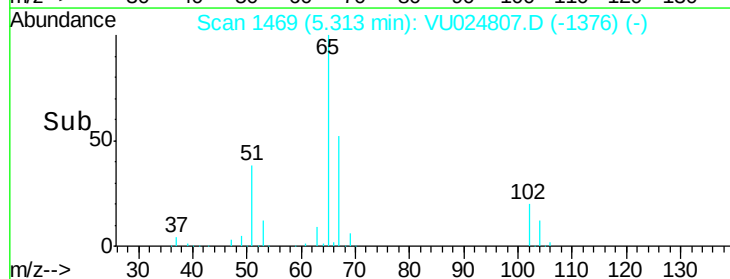
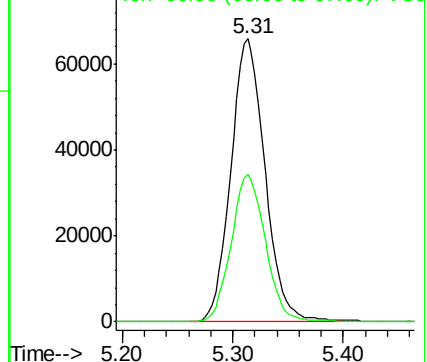
65 100

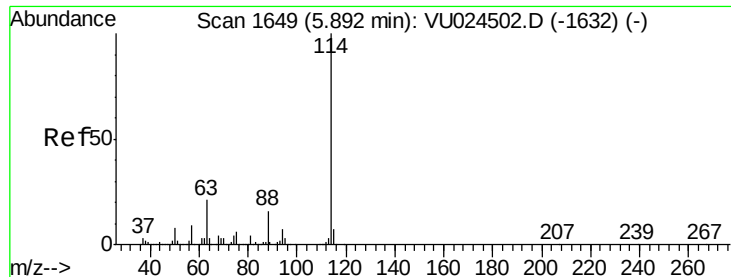
67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024807.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024807.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024807.D

Acq: 21 Jun 2018 13:39

Instrument :

MSVOA_U

ClientSampleId :

S39-TB-2018-2

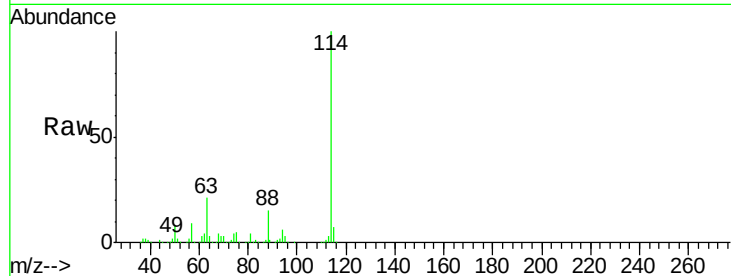
Tot Ion:114 Resp: 306650

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

88 15.2 0.0 31.0



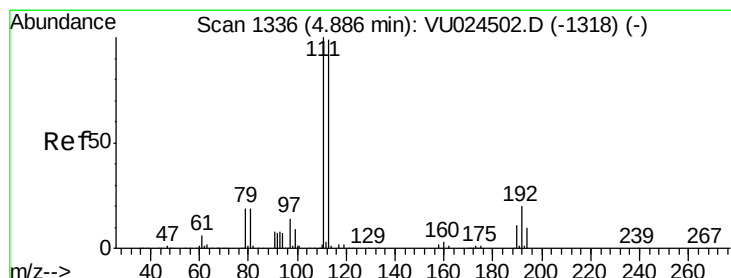
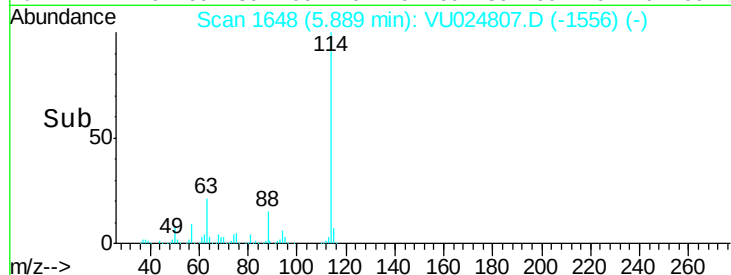
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

5.89

Time-->



#35

Dibromofluoromethane

Concen: 46.38 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024807.D

Acq: 21 Jun 2018 13:39

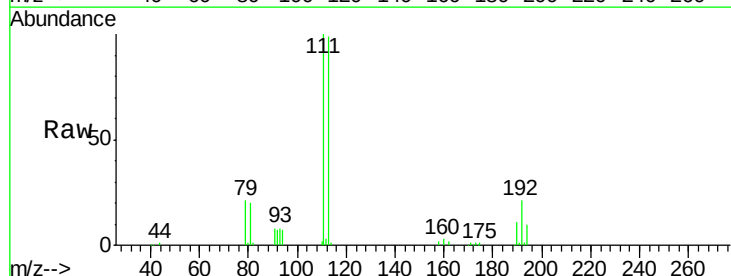
Tgt Ion:113 Resp: 118046

Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 21.8 16.2 24.4



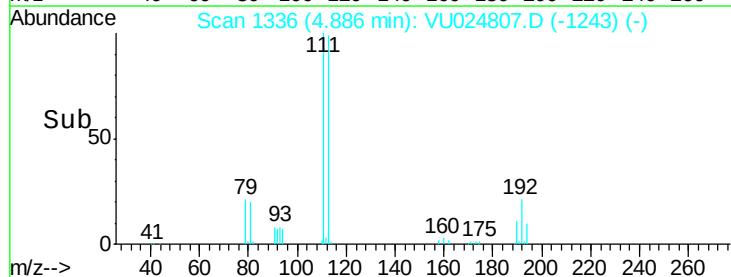
Abundance Ion 112.80 (112.50 to 113.50): V

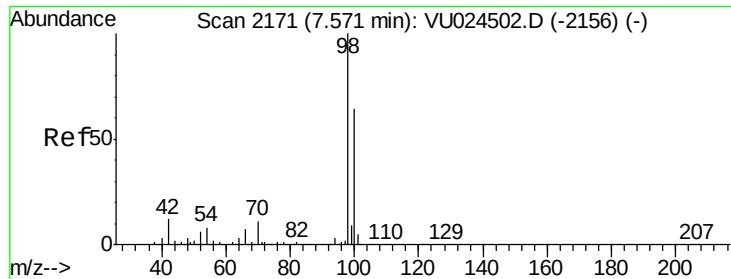
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

4.89

Time-->





#50

Toluene-d8

Concen: 47.79 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024807.D

Acq: 21 Jun 2018 13:39

Instrument :

MSVOA_U

ClientSampleId :

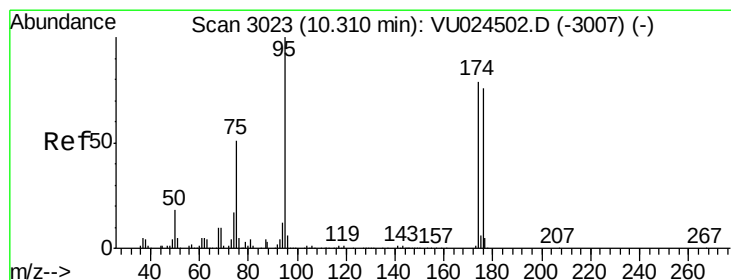
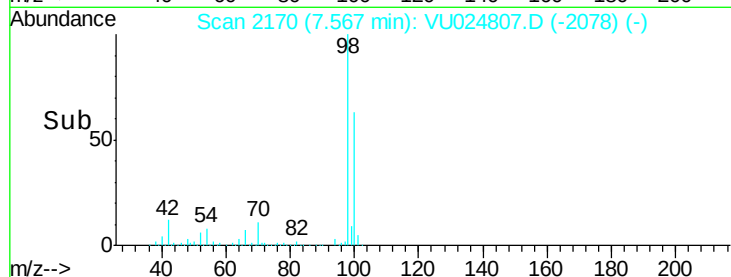
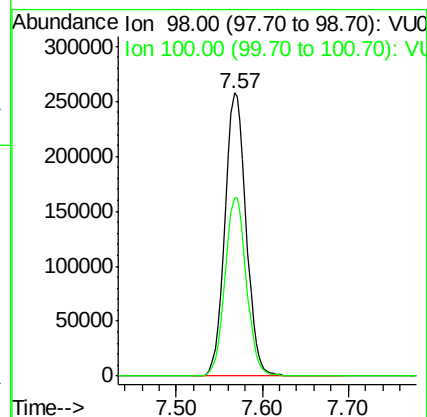
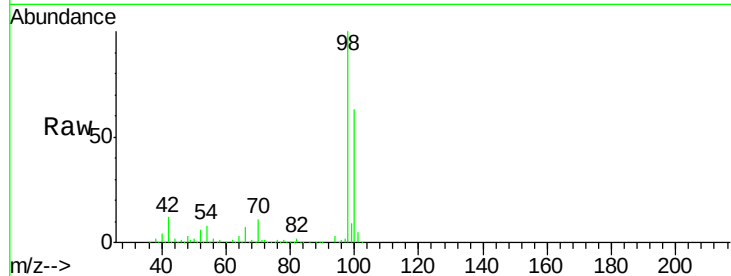
S39-TB-2018-2

Tot Ion: 98 Resp: 443674

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.75 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024807.D

Acq: 21 Jun 2018 13:39

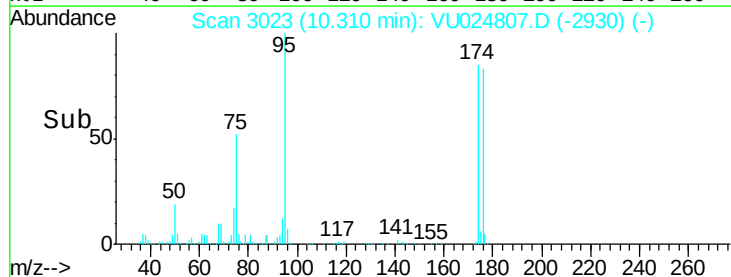
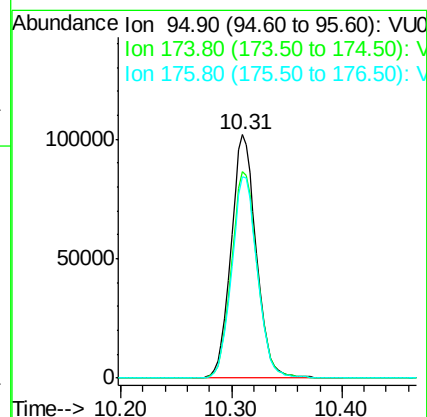
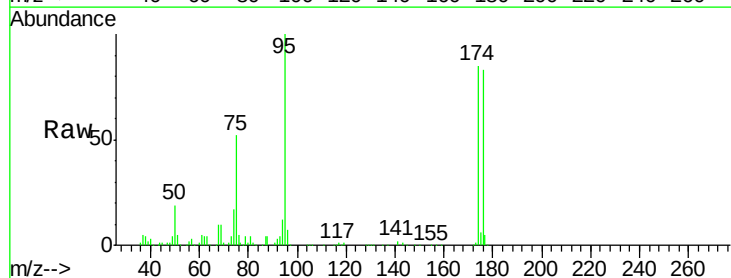
Tgt Ion: 95 Resp: 161242

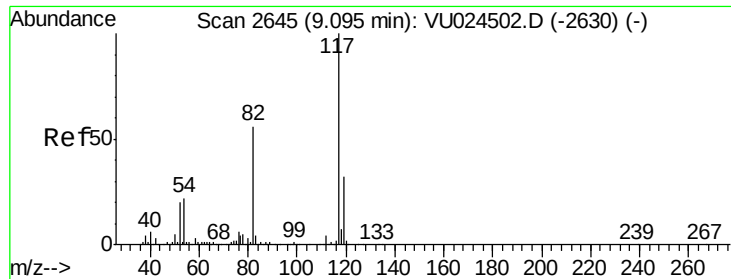
Ion Ratio Lower Upper

95 100

174 87.0 0.0 165.8

176 84.2 0.0 159.4

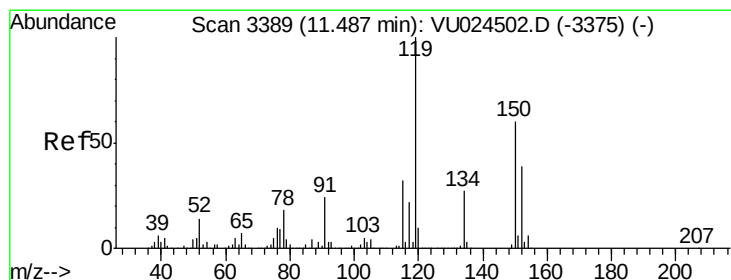
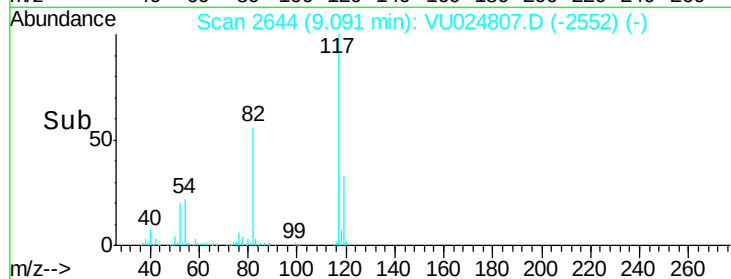
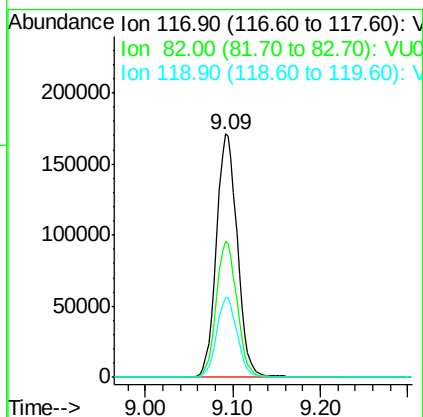
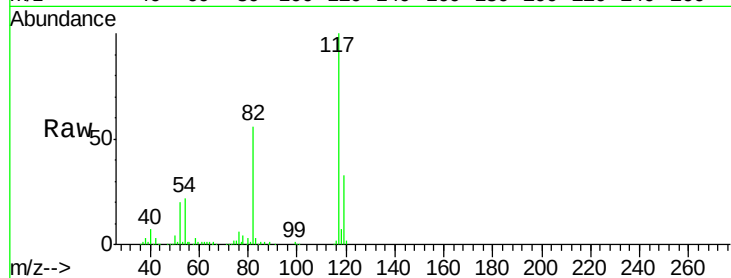




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024807.D
Acq: 21 Jun 2018 13:39

Instrument :
MSVOA_U
ClientSampleId :
S39-TB-2018-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024807.D
Acq: 21 Jun 2018 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	43.0	129.0
150	155.5	0.0	354.0

