

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025747.D
 Acq On : 31 Jul 2018 18:31
 Operator : MD/SY
 Sample : J4140-03
 Misc : 14.51g/5.0mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EPE-F-8(90-92)

Quant Time: Jul 31 20:00:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	192913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305502	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	308150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	211254	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	147999	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	4.88	113	122317	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
50) Toluene-d8	7.57	98	436251	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	10.31	95	196229	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	

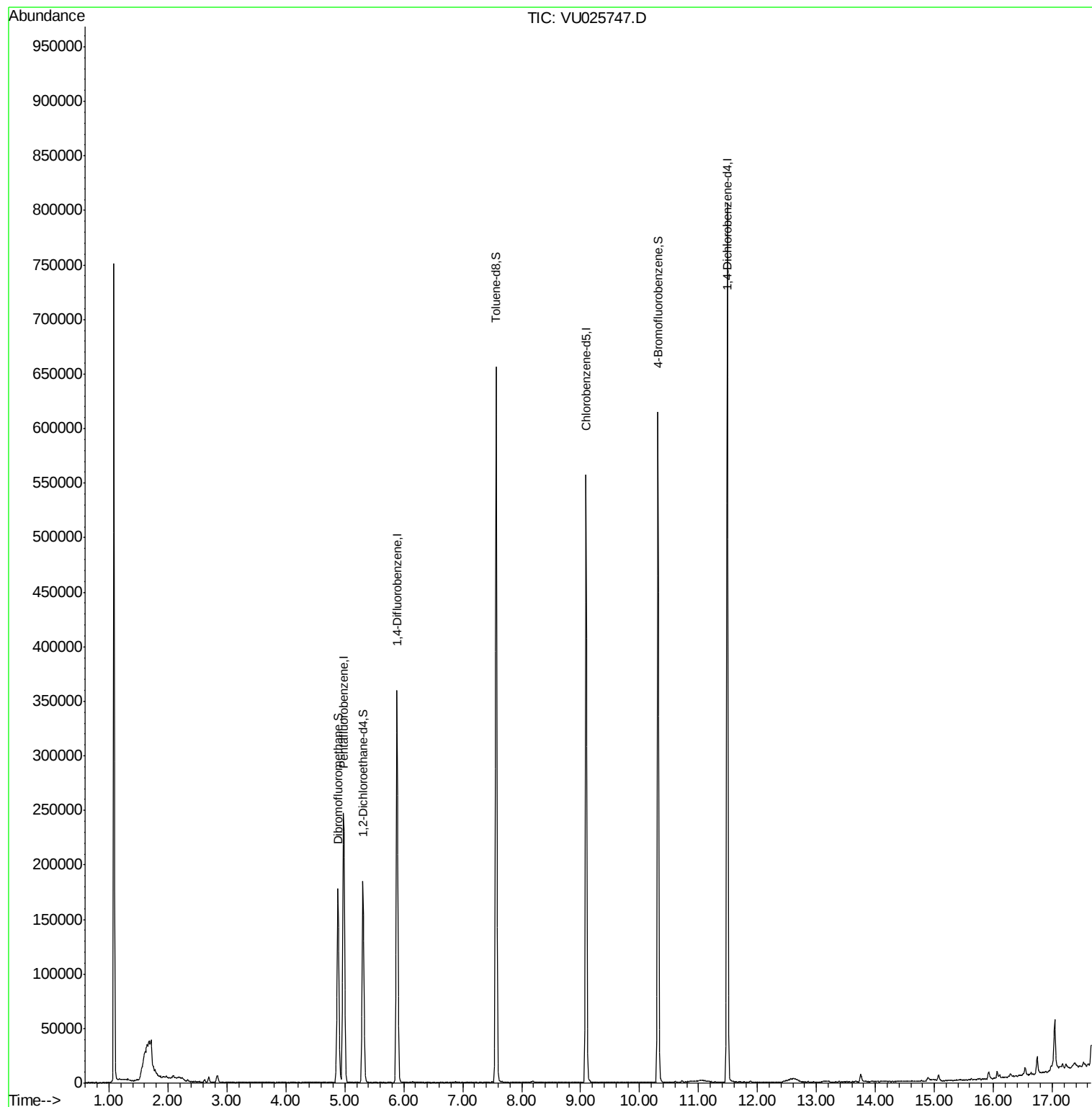
Target Compounds	Qvalue
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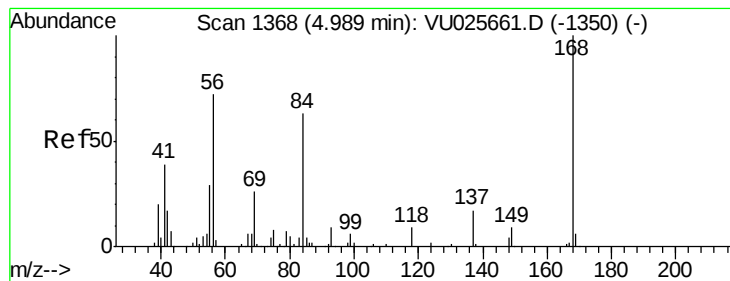
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025747.D

Acq: 31 Jul 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

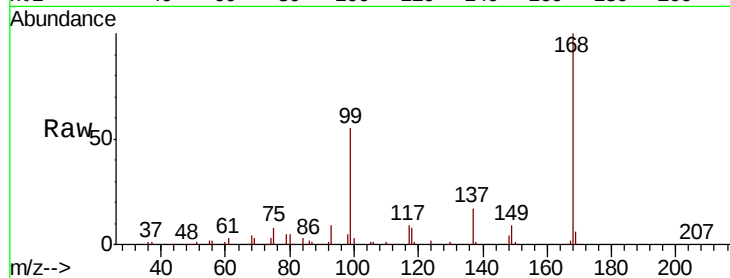
EPE-F-8(90-92)

Tot Ion:168 Resp: 192913

Ion Ratio Lower Upper

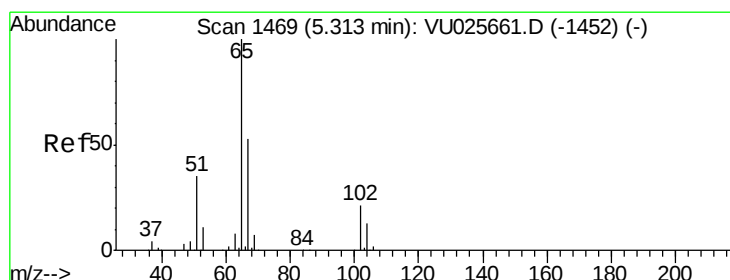
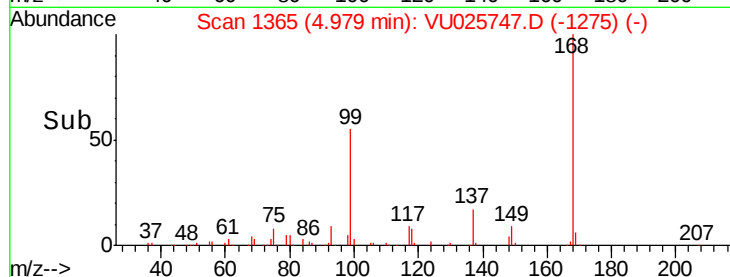
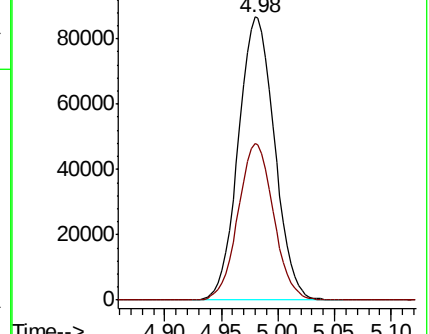
168 100

99 55.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.238 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025747.D

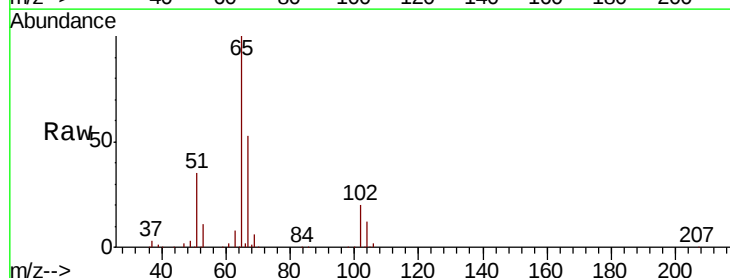
Acq: 31 Jul 2018 18:31

Tgt Ion: 65 Resp: 147999

Ion Ratio Lower Upper

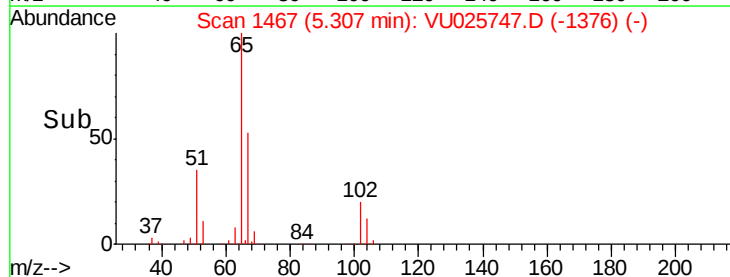
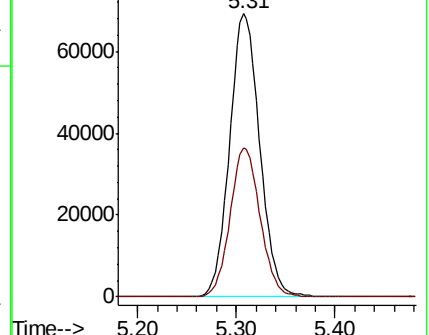
65 100

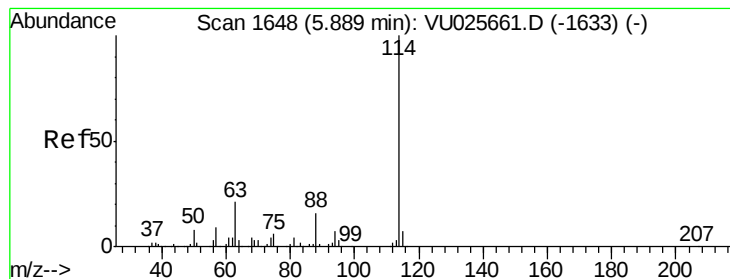
67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.00 min

Lab File: VU025747.D

Acq: 31 Jul 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

EPE-F-8(90-92)

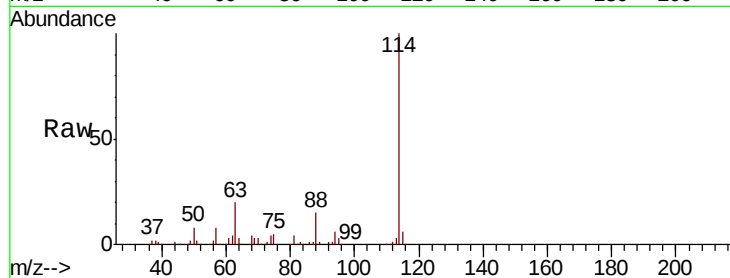
Tot Ion:114 Resp: 305502

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

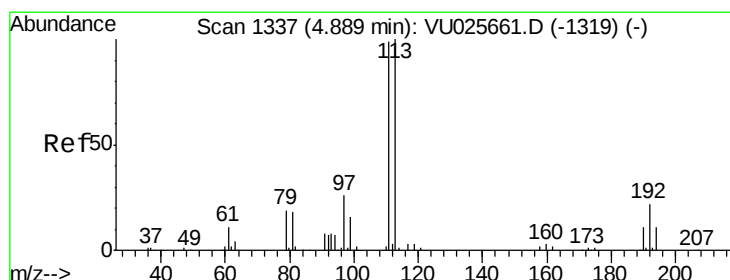
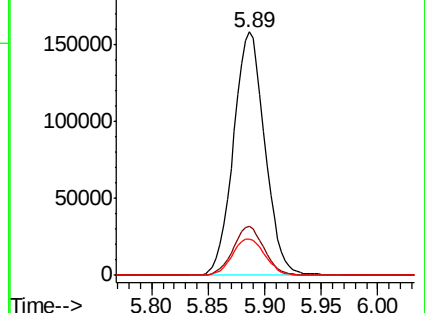
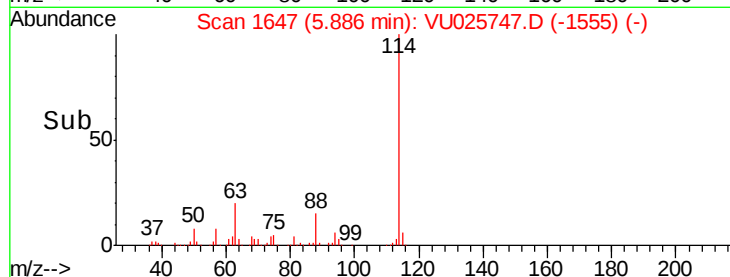
88 15.1 0.0 32.4



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: 46.034 ug/l

RT: 4.88 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VU025747.D

Acq: 31 Jul 2018 18:31

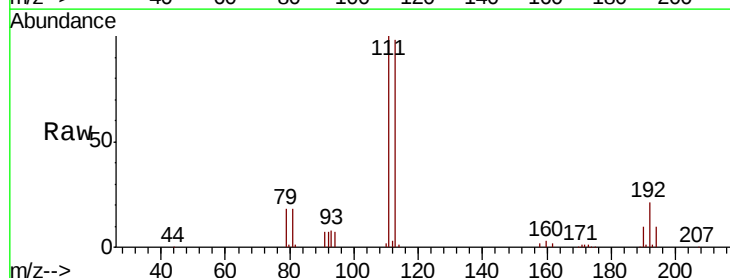
Tgt Ion:113 Resp: 122317

Ion Ratio Lower Upper

113 100

111 100.9 81.7 122.5

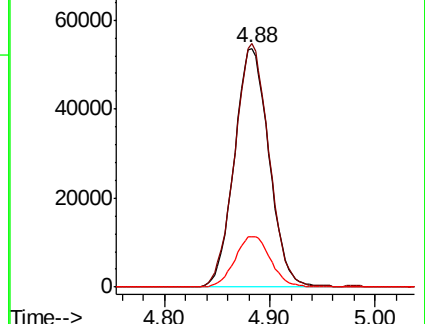
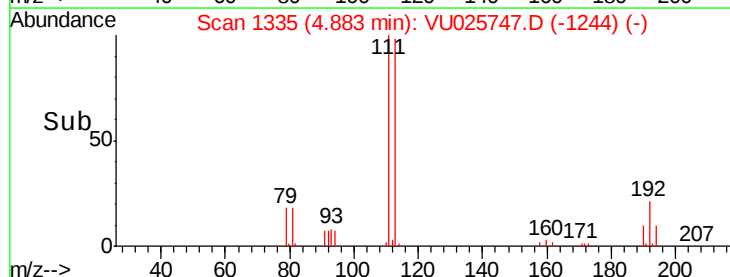
192 21.7 17.1 25.7

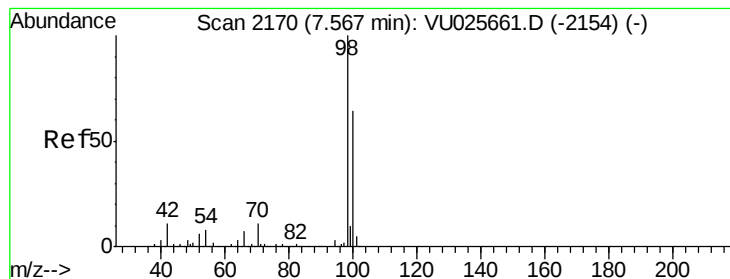


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.918 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025747.D

Acq: 31 Jul 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

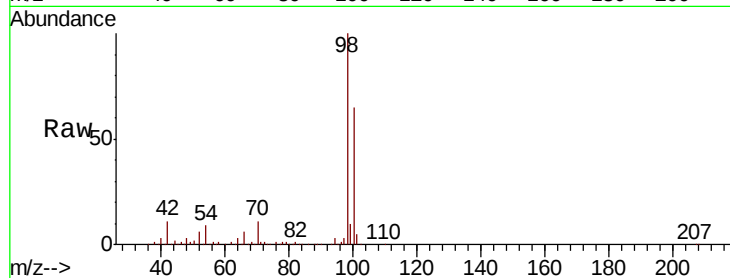
EPE-F-8(90-92)

Tot Ion: 98 Resp: 436251

Ion Ratio Lower Upper

98 100

100 64.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025661.D (-2154) (-)

Ion 100.00 (99.70 to 100.70): VU025661.D (-2154) (-)

7.57

250000

200000

150000

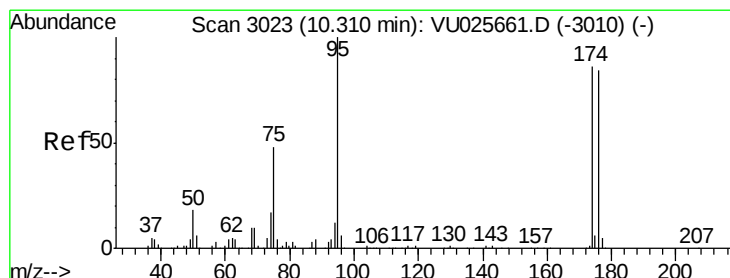
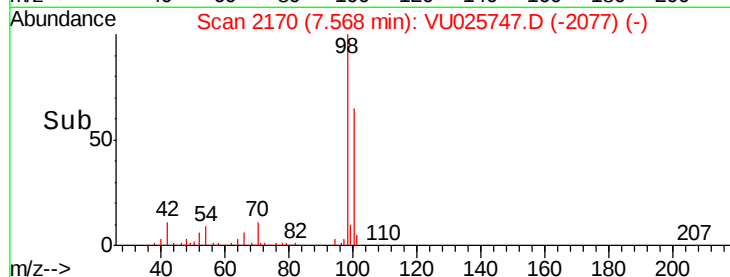
100000

50000

0

Time-->

7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 54.372 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025747.D

Acq: 31 Jul 2018 18:31

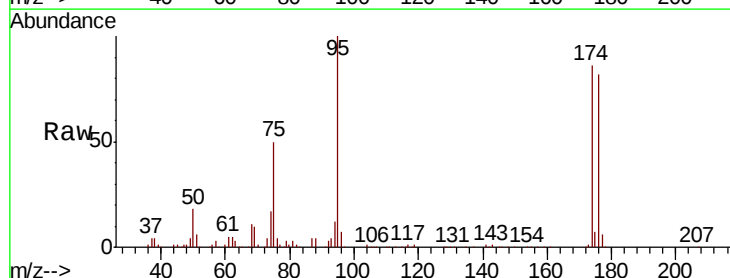
Tgt Ion: 95 Resp: 196229

Ion Ratio Lower Upper

95 100

174 87.2 0.0 172.2

176 84.6 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)

10.31

150000

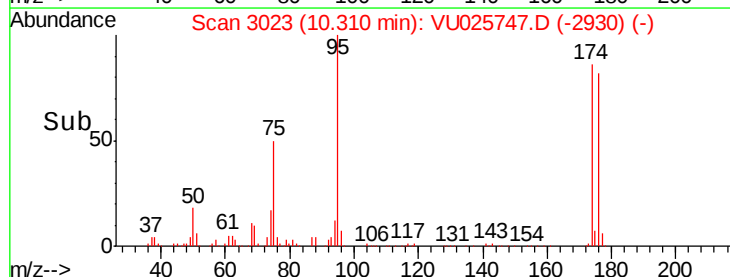
100000

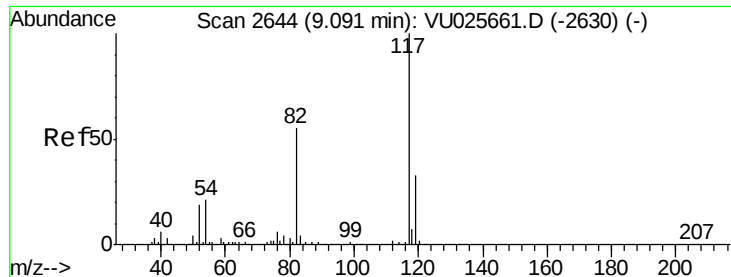
50000

0

Time-->

10.20 10.30 10.40

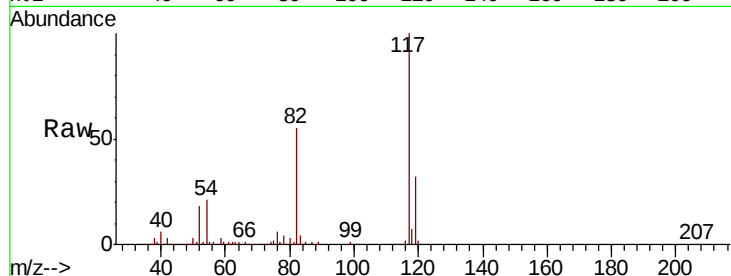




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025747.D
Acq: 31 Jul 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
EPE-F-8(90-92)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.0	69.0
119	32.2	26.0	39.0

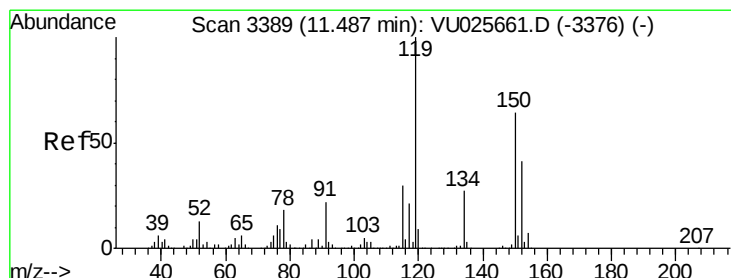
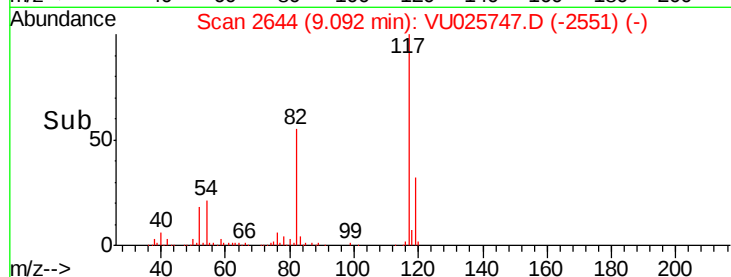
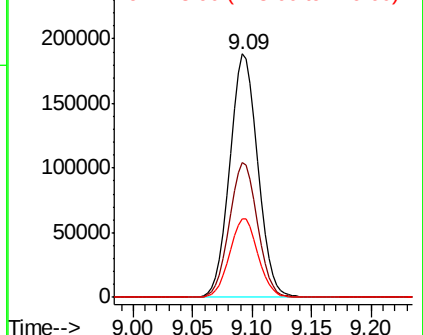


Abundance

Ion 116.90 (116.60 to 117.60): V

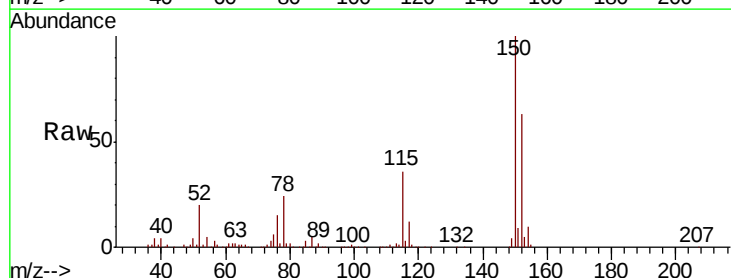
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025747.D
Acq: 31 Jul 2018 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.1	120.3
150	157.5	0.0	351.4



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

