

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025894.D
 Acq On : 06 Aug 2018 18:28
 Operator : MD/SY
 Sample : J4287-01RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4742RE

Quant Time: Aug 07 01:54:52 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	4.99	168	176590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284963	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163674	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	143684	52.22	ug/l	0.00
Spiked Amount						
			Recovery	=	104.44%	
35) Dibromofluoromethane	4.89	113	120739	48.72	ug/l	0.00
Spiked Amount						
			Recovery	=	97.44%	
50) Toluene-d8	7.57	98	418254	48.22	ug/l	0.00
Spiked Amount						
			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.31	95	156821	46.58	ug/l	0.00
Spiked Amount						
			Recovery	=	93.16%	

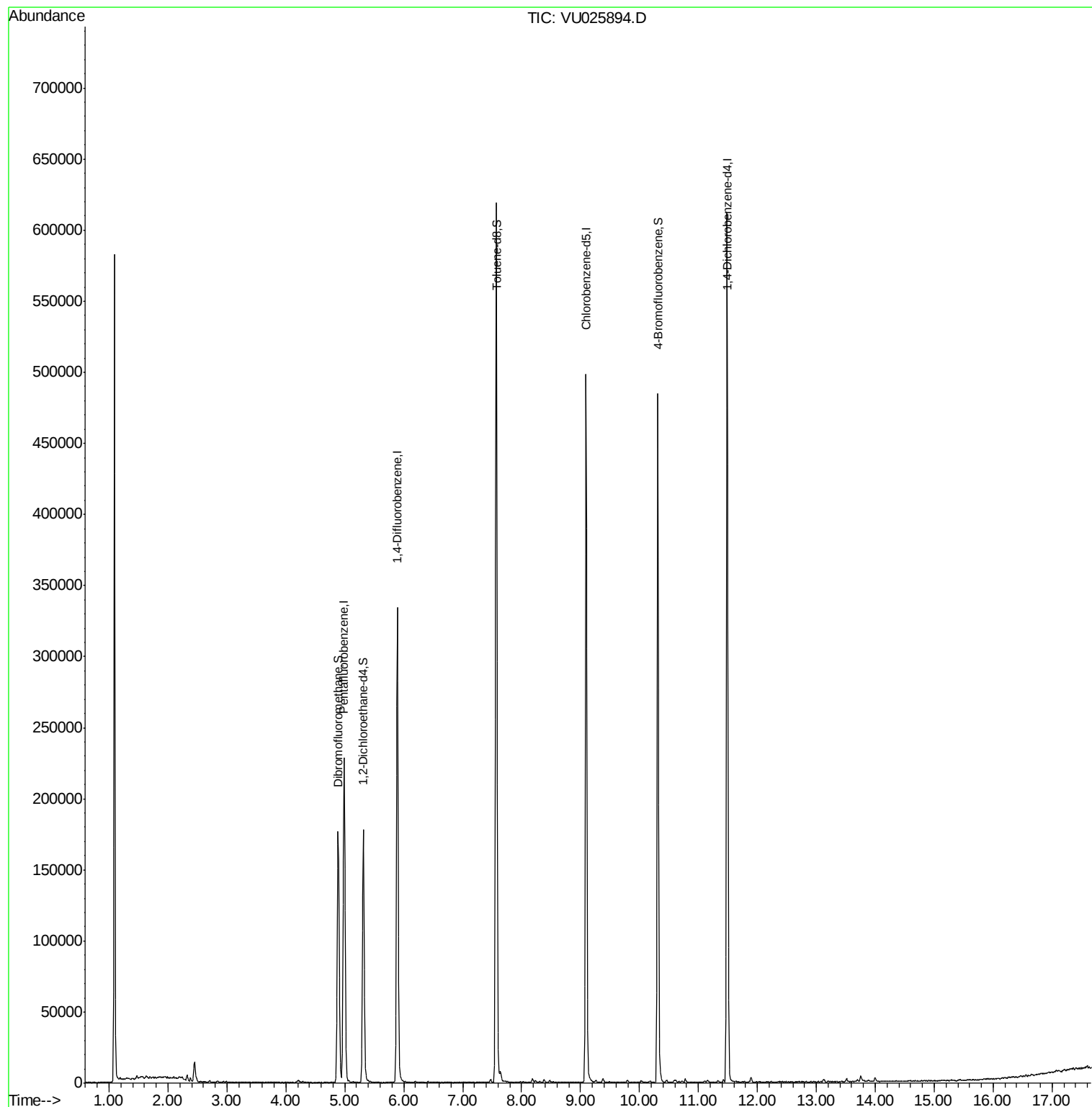
Target Compounds	Qvalue

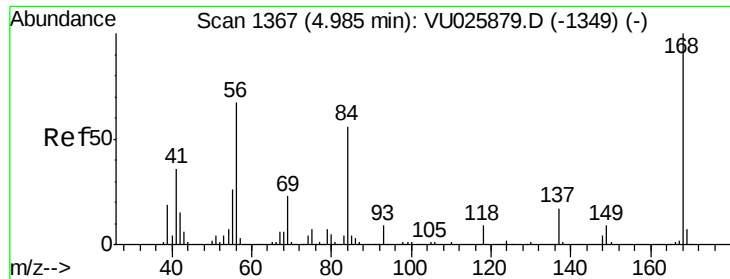
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025894.D

Acq: 06 Aug 2018 18:28

Instrument :

MSVOA_U

ClientSampleId :

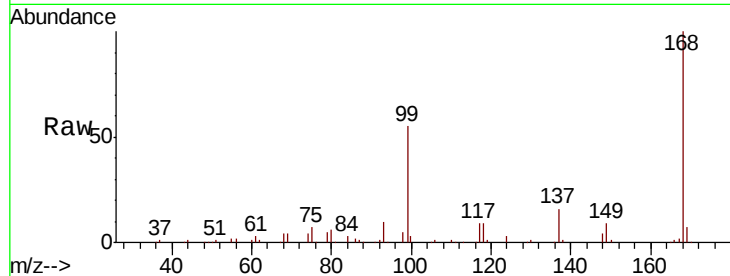
A4742RE

Tot Ion:168 Resp: 176590

Ion Ratio Lower Upper

168 100

99 55.1 42.8 64.2



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

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

80000

60000

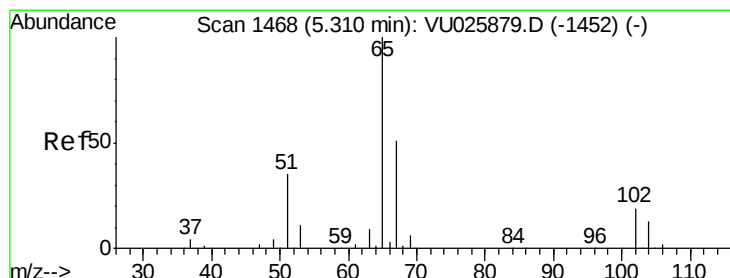
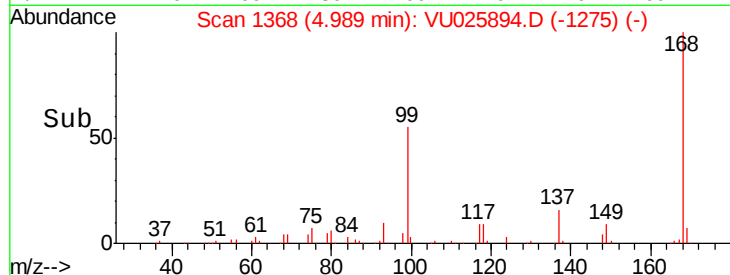
40000

20000

0

Time-->

4.90 4.95 5.00 5.05 5.10



#33

1,2-Dichloroethane-d4

Concen: 52.22 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025894.D

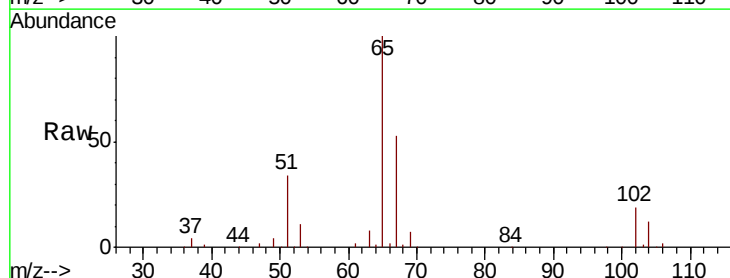
Acq: 06 Aug 2018 18:28

Tgt Ion: 65 Resp: 143684

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.6



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

Ion 66.90 (66.60 to 67.60): VU025879.D (-1452) (-)

5.31

80000

60000

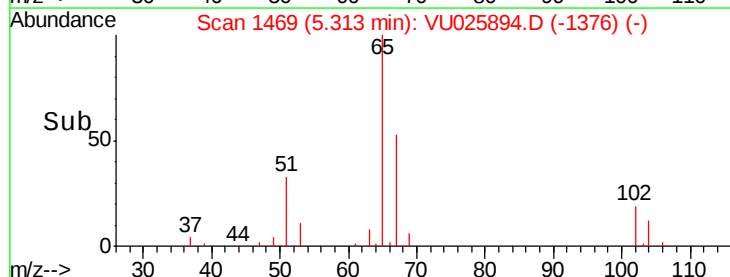
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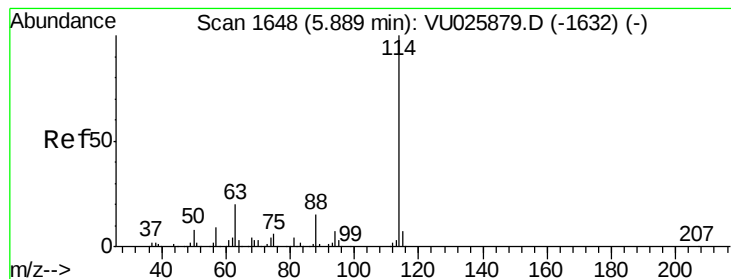
20000

0

Time-->

5.25 5.30 5.35 5.40





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025894.D

Acq: 06 Aug 2018 18:28

Instrument :

MSVOA_U

ClientSampleId :

A4742RE

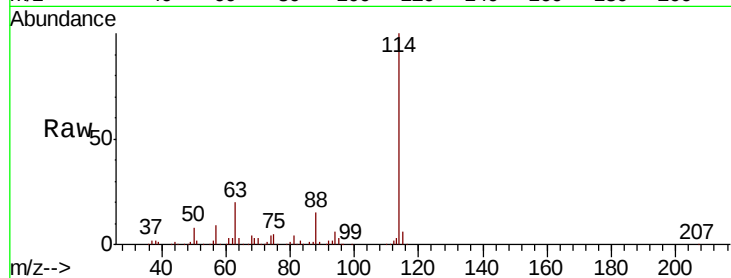
Tot Ion:114 Resp: 284963

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

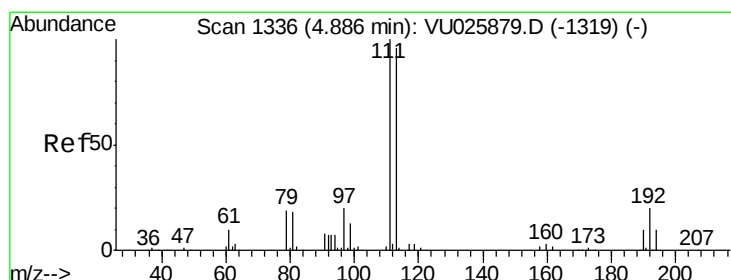
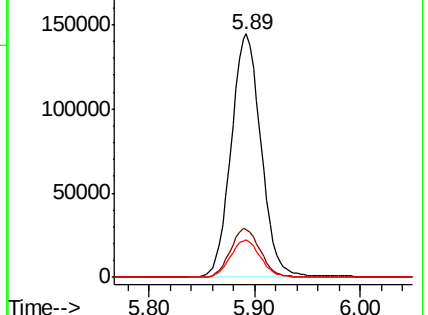
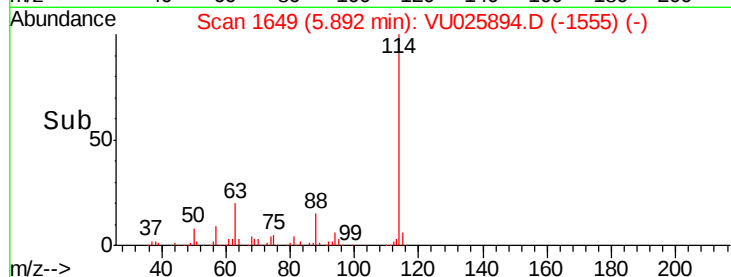
88 15.3 0.0 32.4



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: 48.72 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025894.D

Acq: 06 Aug 2018 18:28

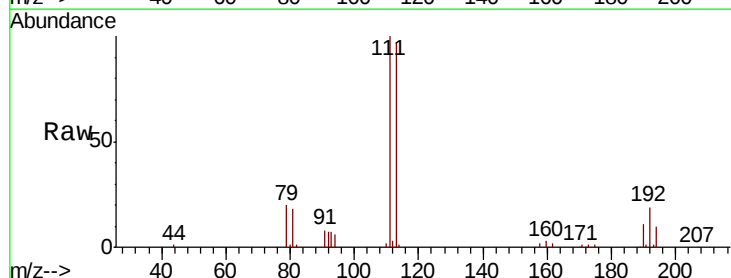
Tgt Ion:113 Resp: 120739

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

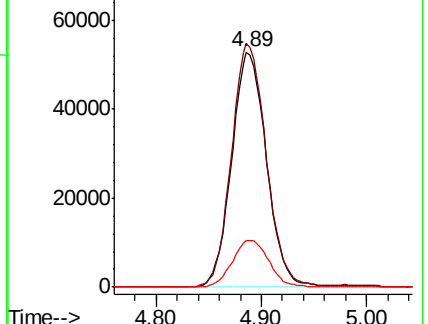
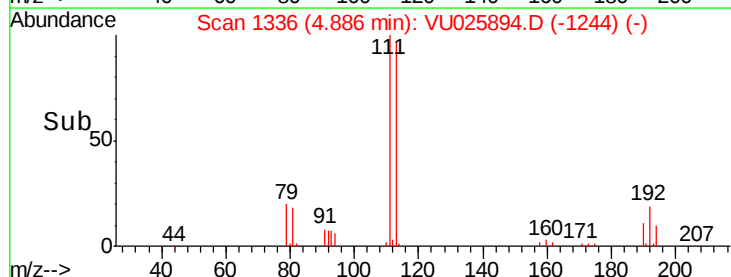
192 20.9 17.1 25.7

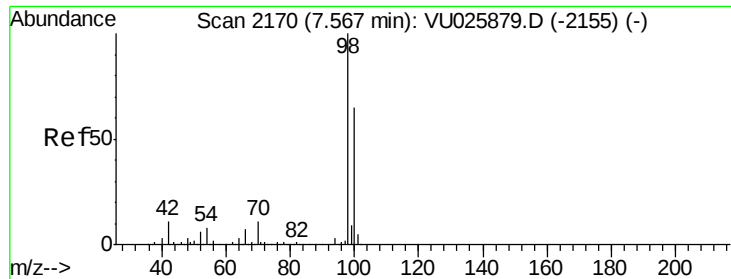


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

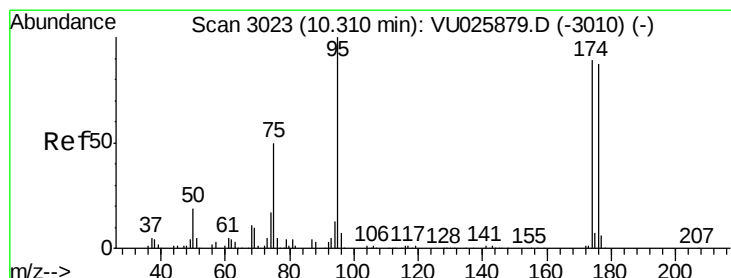
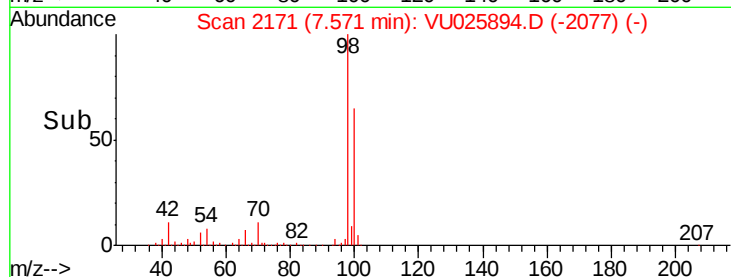
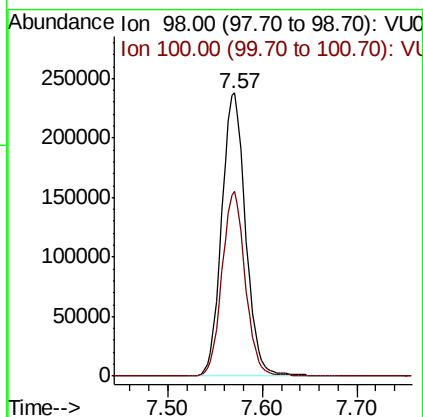
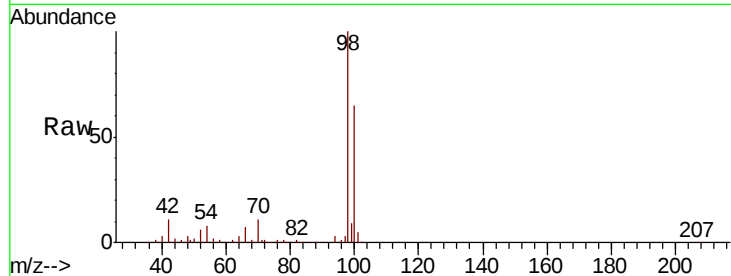




#50
Toluene-d8
Concen: 48.22 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025894.D
Acq: 06 Aug 2018 18:28

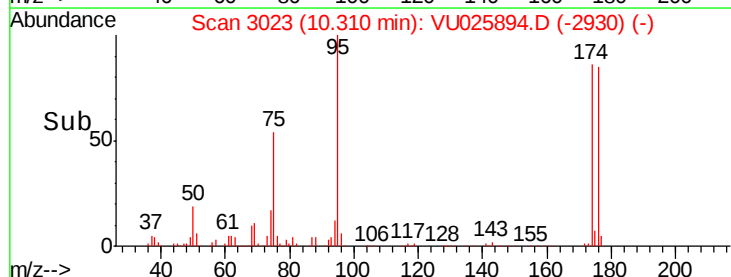
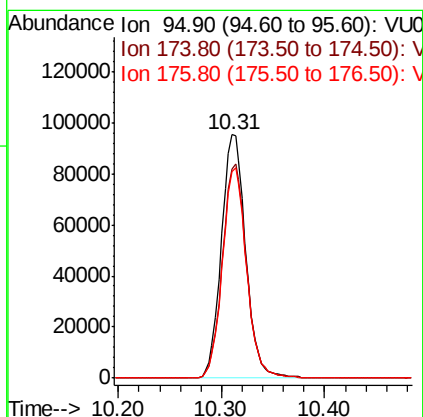
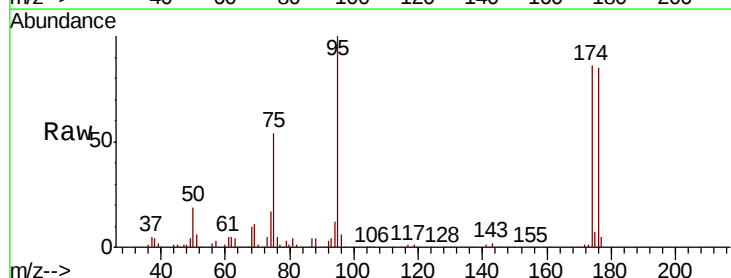
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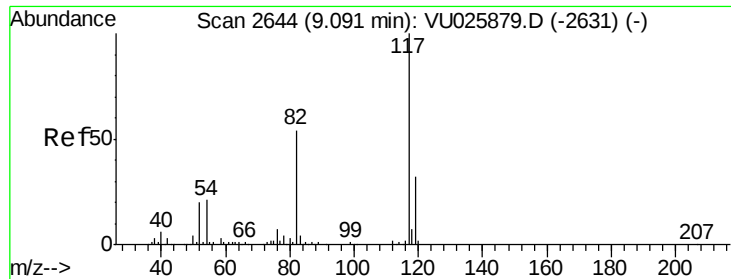
Tot Ion: 98 Resp: 418254
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025894.D
Acq: 06 Aug 2018 18:28

Tgt Ion: 95 Resp: 156821
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.2
176 85.7 0.0 162.6

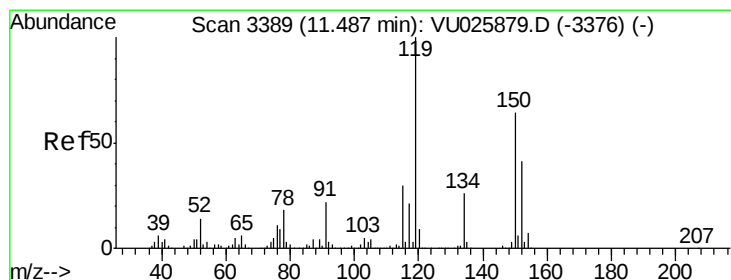
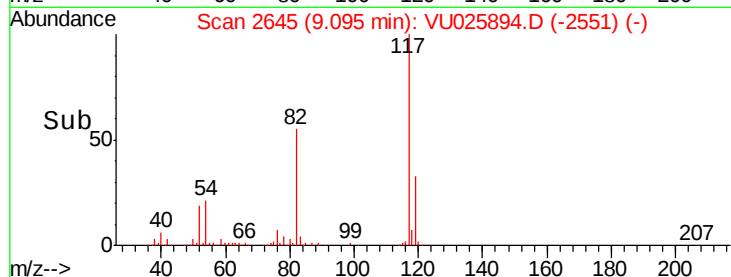
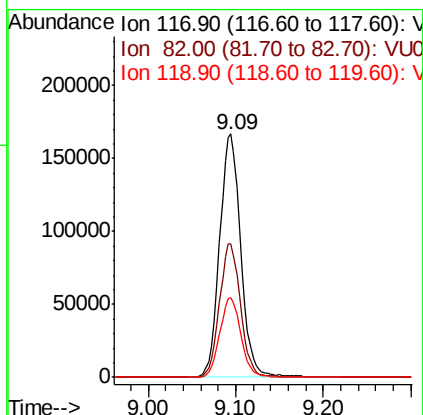
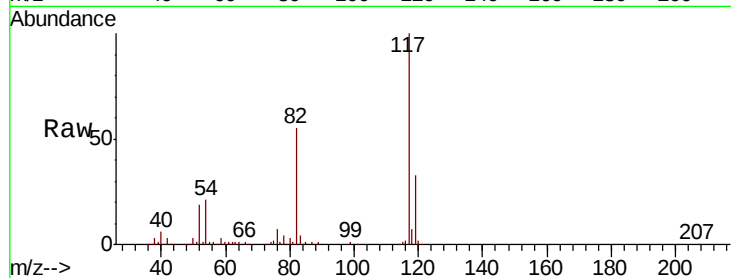




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025894.D
Acq: 06 Aug 2018 18:28

Instrument :
MSVOA_U
ClientSampleId :
A4742RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.0	69.0
119	33.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025894.D
Acq: 06 Aug 2018 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	40.1	120.3
150	156.1	0.0	351.4

