

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029117.D
 Acq On : 10 Jan 2019 14:40
 Operator : MD/SY
 Sample : K1116-01
 Misc : 6.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

Quant Time: Jan 11 03:40:50 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

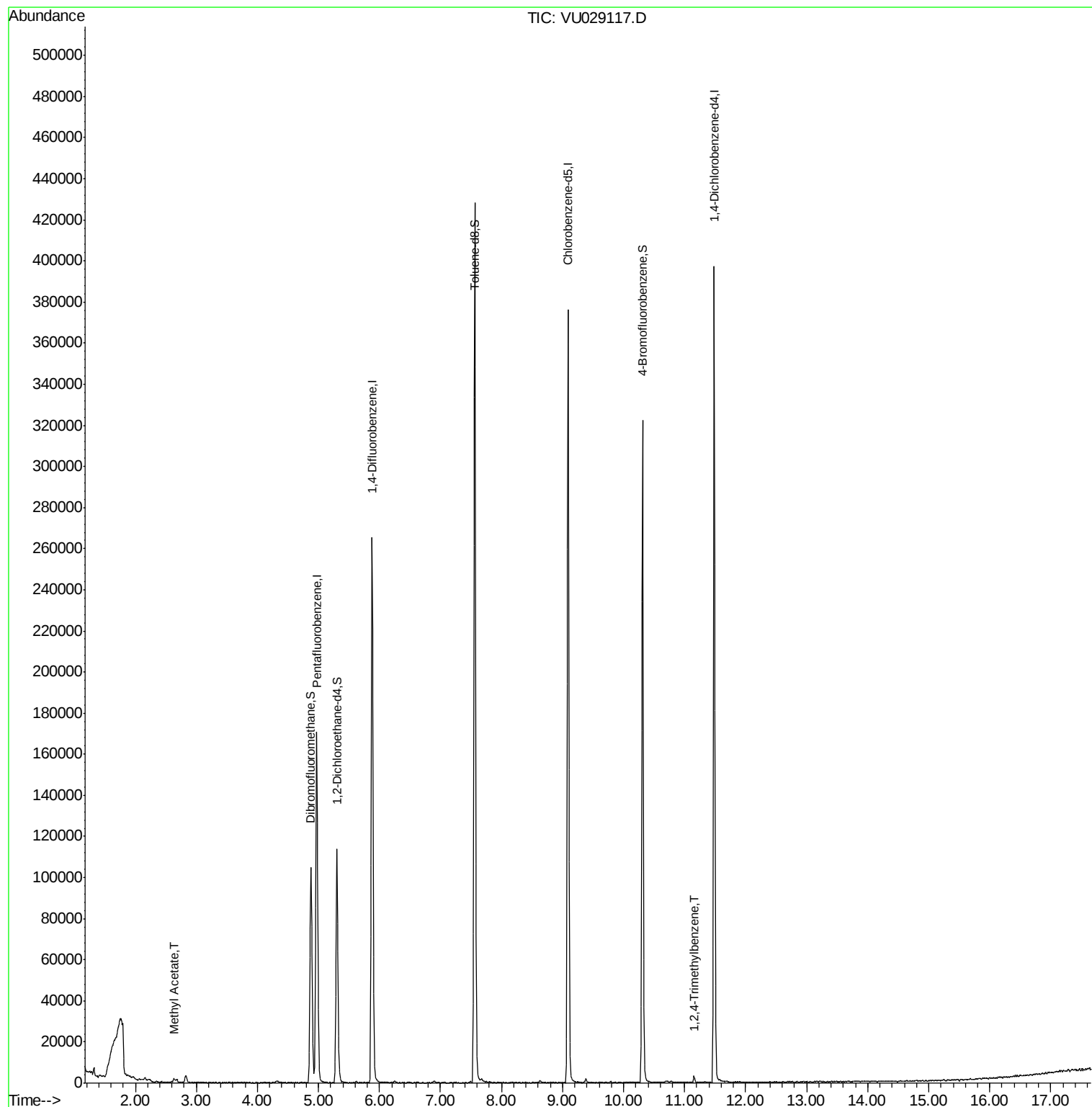
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	142854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	246873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	232491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	91573	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	4.88	113	78968	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	7.56	98	308610	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	10.31	95	113588	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
Target Compounds						
18) Methyl Acetate	2.63	43	3882	1.501	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.15	105	2390	0.360	ug/l	94

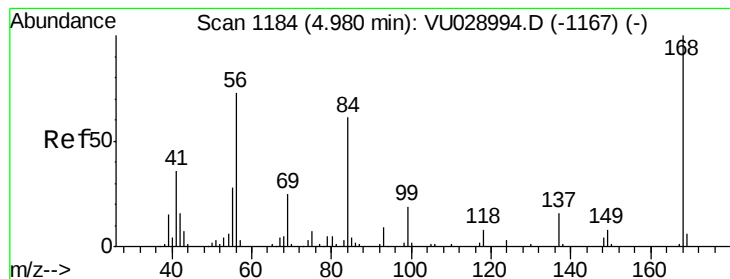
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

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MSVOA_U

ClientSampleId :

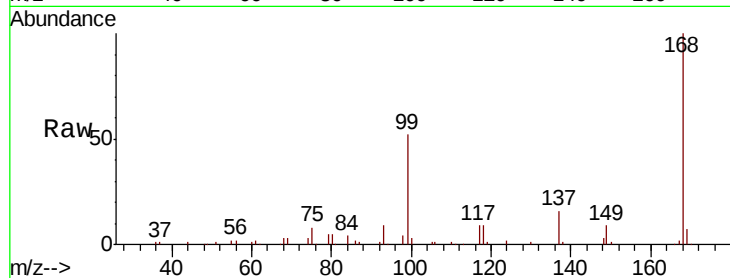
S49-IDW03

Tgt Ion:168 Resp: 142854

Ion Ratio Lower Upper

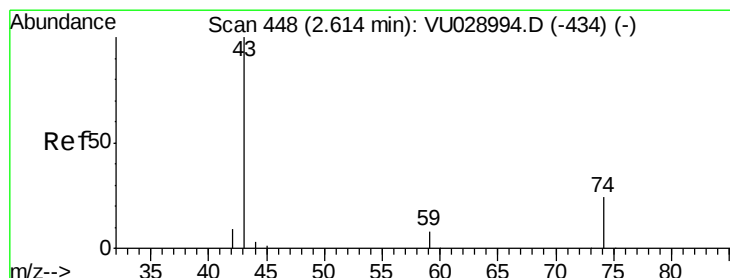
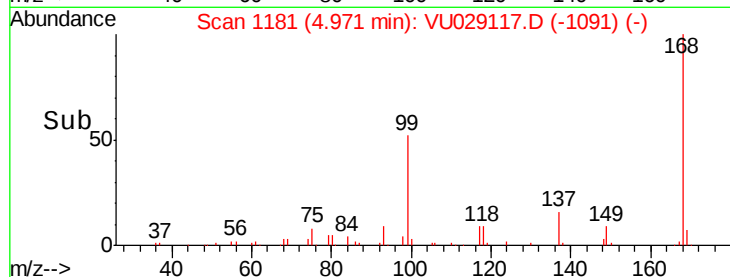
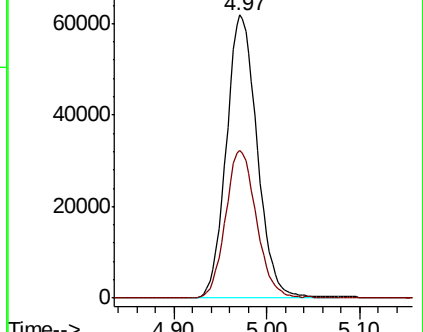
168 100

99 52.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#18

Methyl Acetate

Concen: 1.501 ug/l

RT: 2.63 min Scan# 454

Delta R.T. 0.02 min

Lab File: VU029117.D

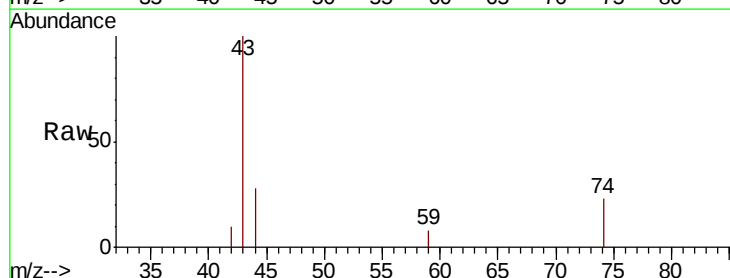
Acq: 10 Jan 2019 14:40

Tgt Ion: 43 Resp: 3882

Ion Ratio Lower Upper

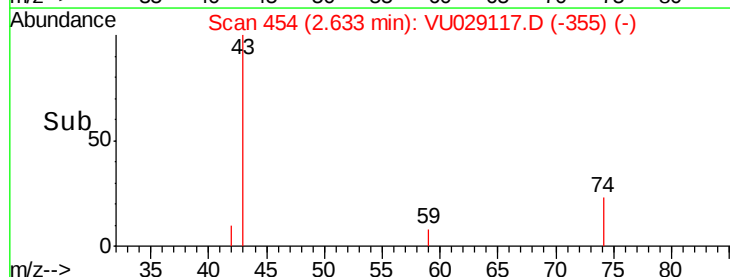
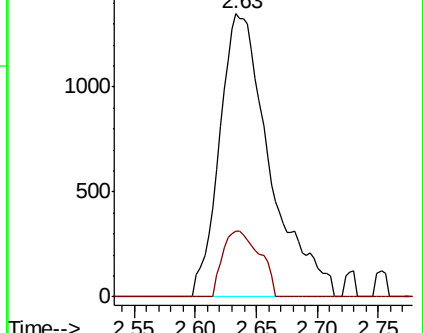
43 100

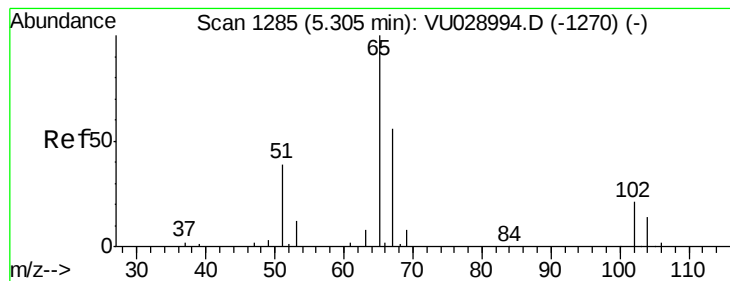
74 17.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-434) (-)

Ion 74.00 (73.70 to 74.70): VU028994.D (-434) (-)





#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

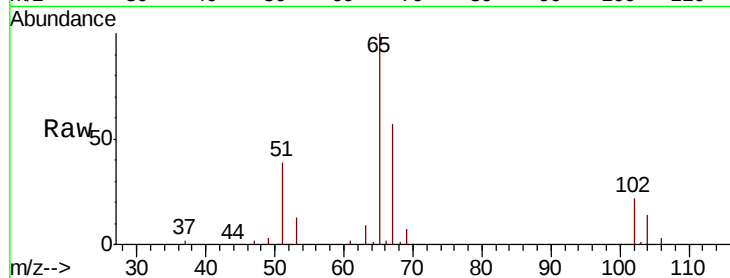
S49-IDW03

Tgt Ion: 65 Resp: 91573

Ion Ratio Lower Upper

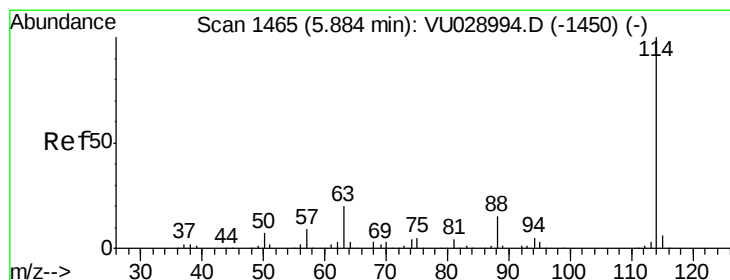
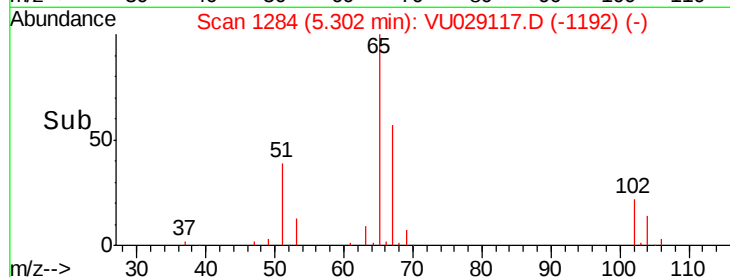
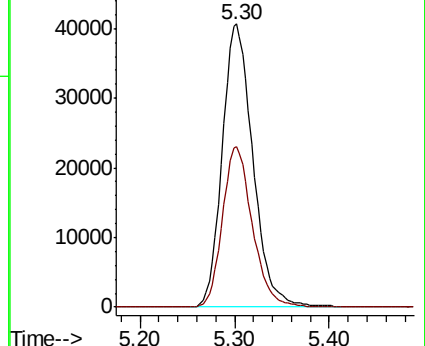
65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

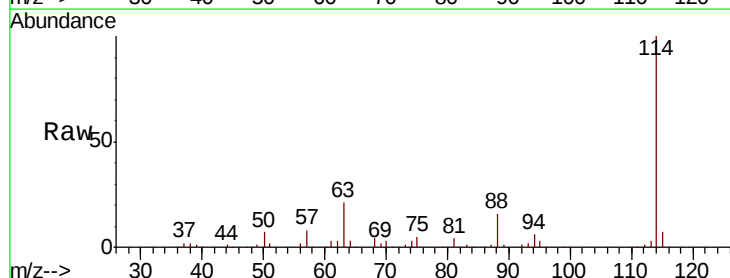
Tgt Ion: 114 Resp: 246873

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

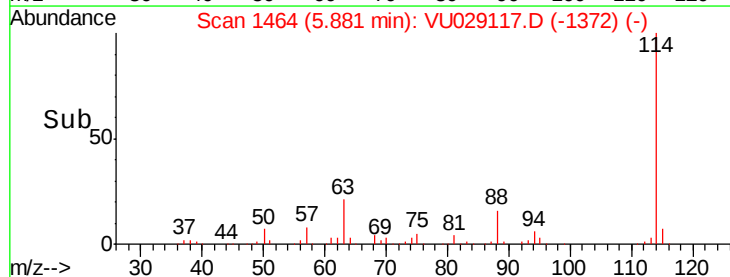
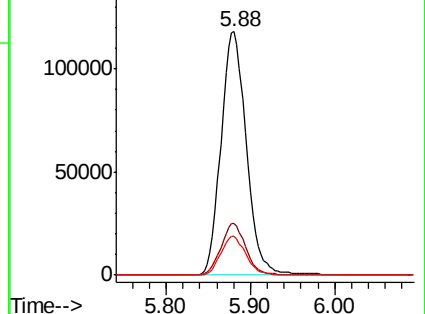
88 15.7 0.0 30.4

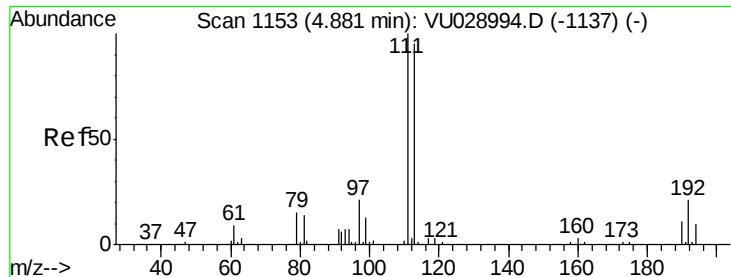


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

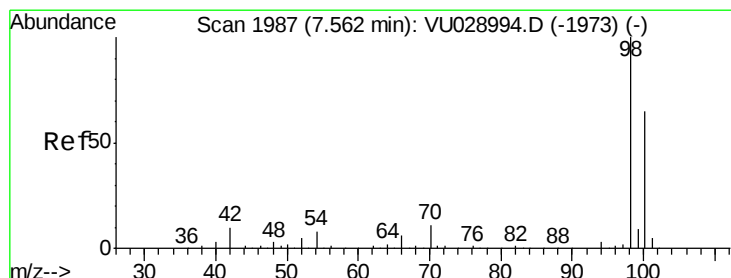
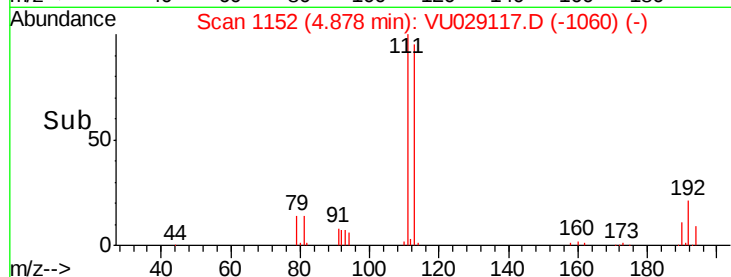
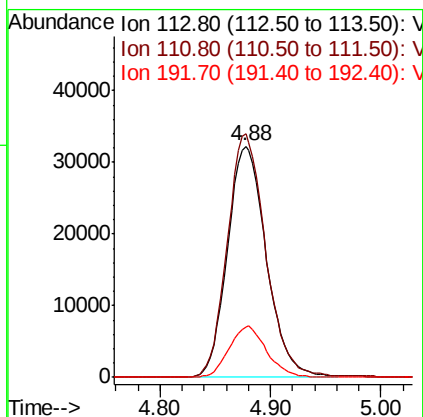
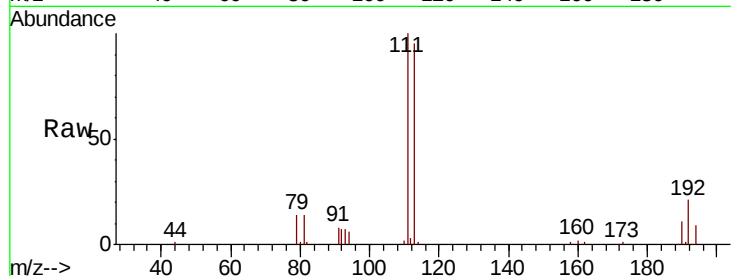




#35
 Dibromofluoromethane
 Concen: 49.346 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

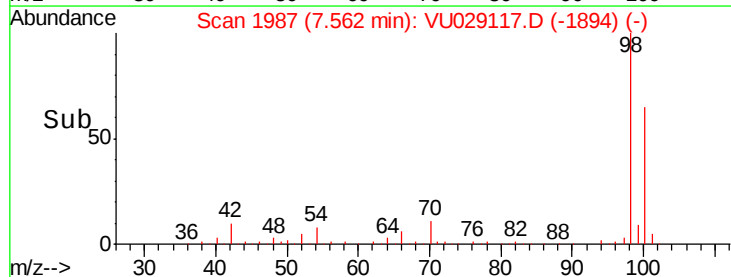
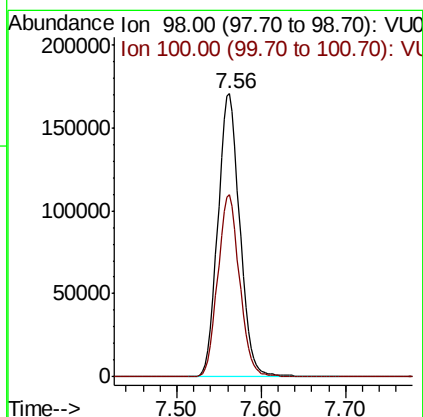
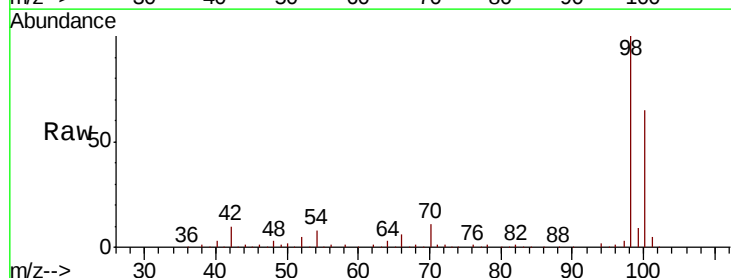
Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

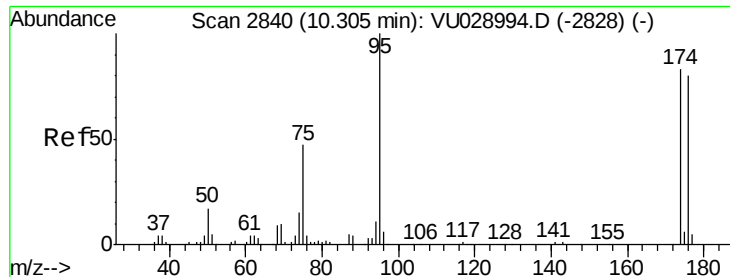
Tgt Ion:113 Resp: 78968
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.4 122.2
 192 21.3 16.8 25.2



#50
 Toluene-d8
 Concen: 48.848 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Tgt Ion: 98 Resp: 308610
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 50.028 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

S49-IDW03

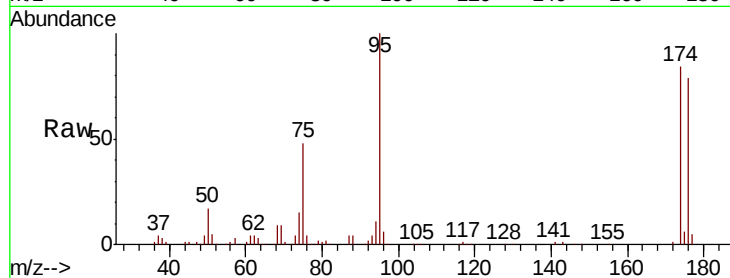
Tgt Ion: 95 Resp: 113588

Ion Ratio Lower Upper

95 100

174 84.3 0.0 170.6

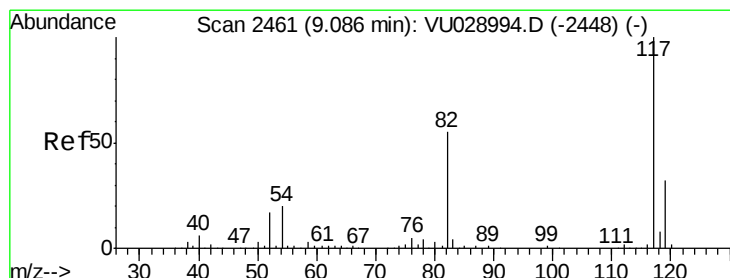
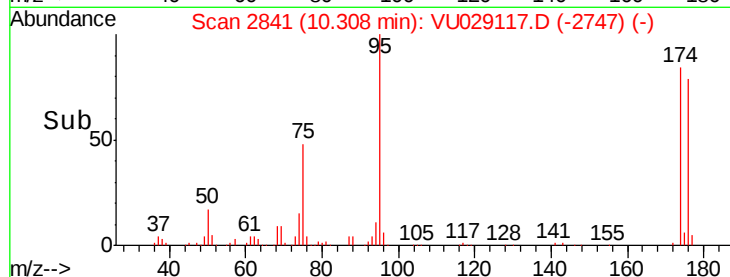
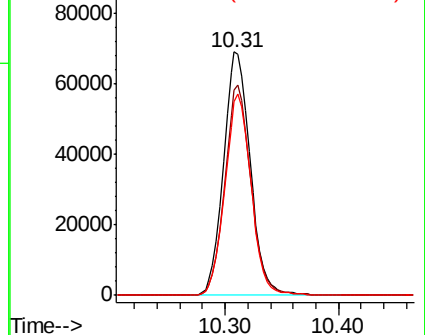
176 81.3 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

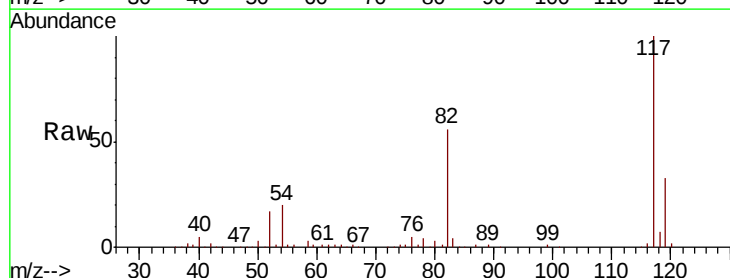
Tgt Ion: 117 Resp: 232491

Ion Ratio Lower Upper

117 100

82 56.0 43.9 65.9

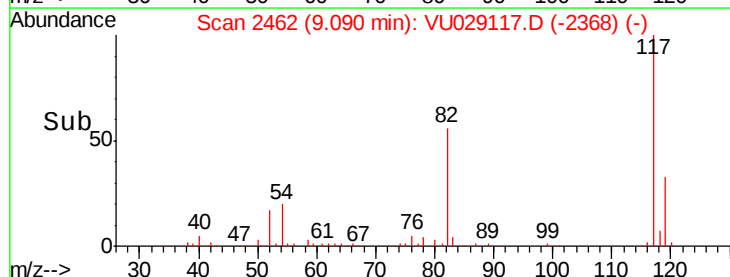
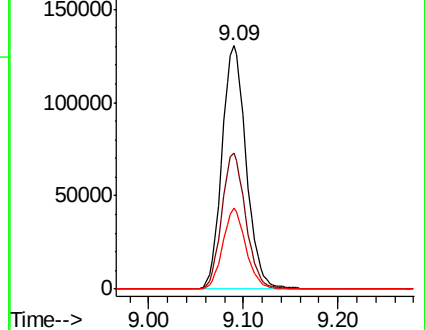
119 33.0 26.0 39.0

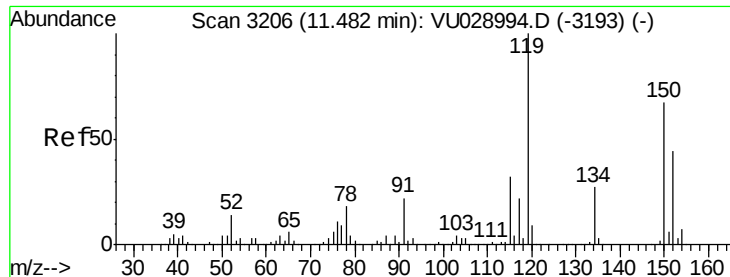


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)



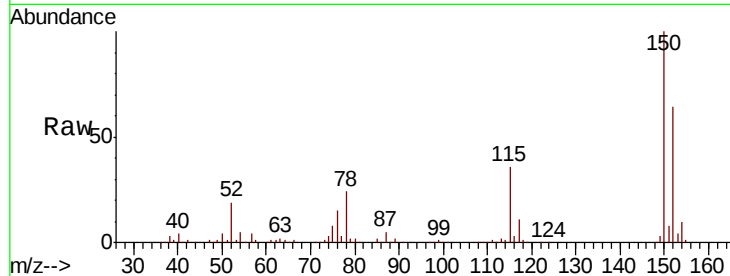


#72

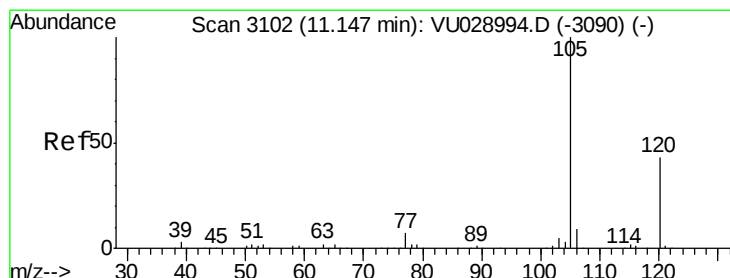
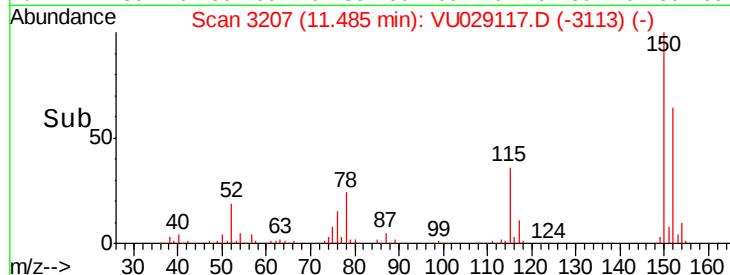
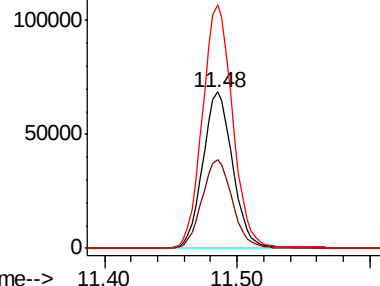
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

Instrument :
MSVOA_U
ClientSampleId :
S49-IDW03

Tgt Ion:152 Resp: 107569
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.3
150 158.0 0.0 345.2



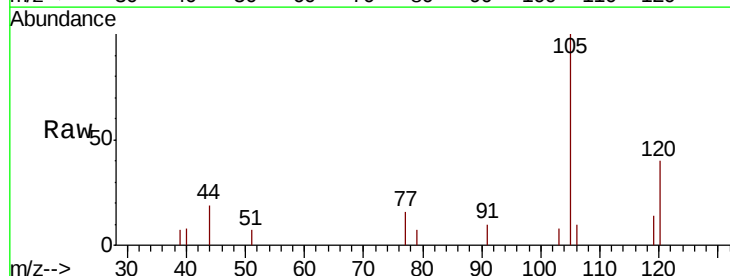
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 0.360 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

Tgt Ion:105 Resp: 2390
Ion Ratio Lower Upper
105 100
120 42.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

