

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029098.D
 Acq On : 09 Jan 2019 18:39
 Operator : MD/SY
 Sample : PB116248ZHE#13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#13

Quant Time: Jan 10 05:43:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

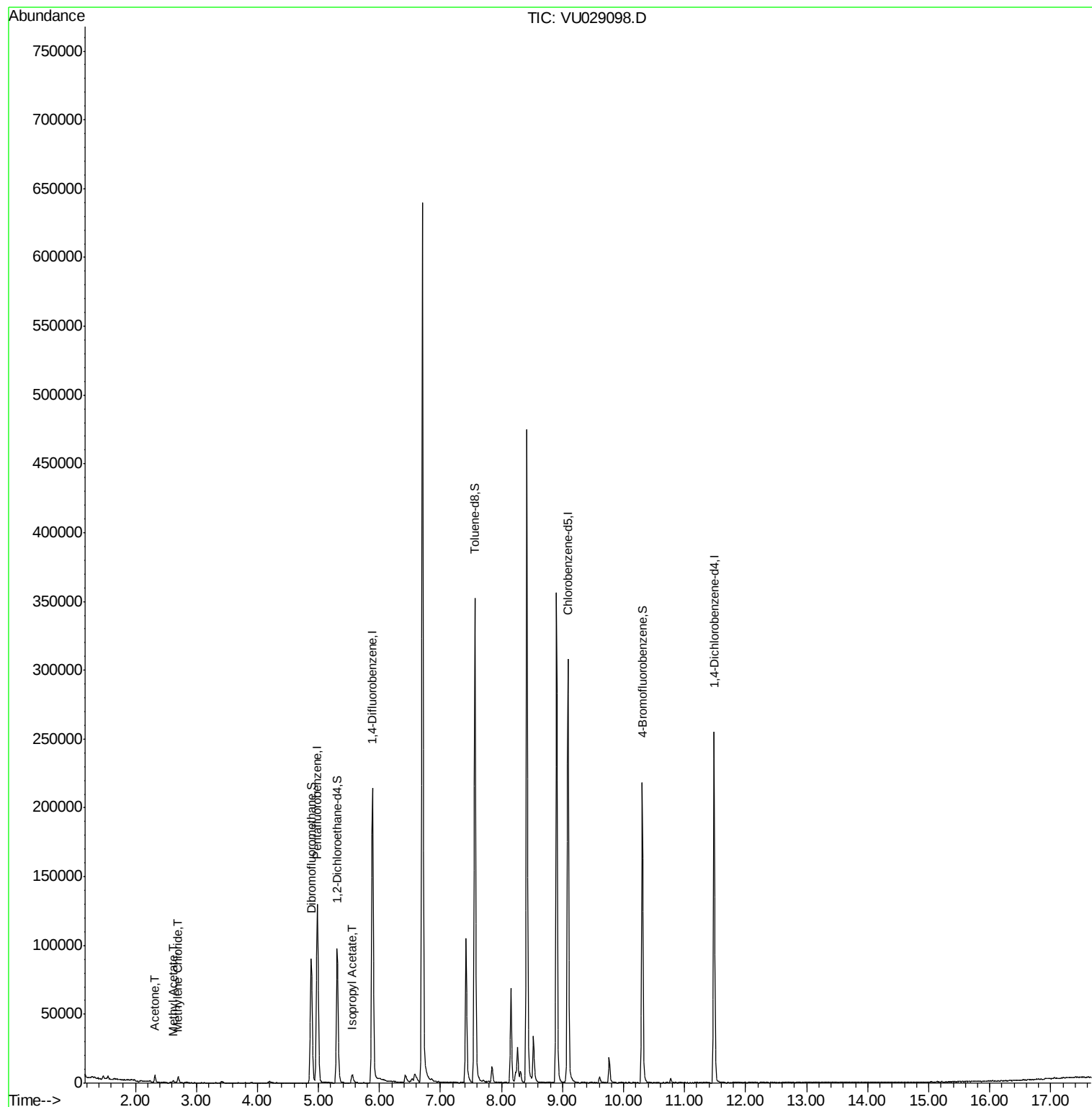
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	187921	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73958	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	4.88	113	64426	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
50) Toluene-d8	7.56	98	244935	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	10.30	95	75783	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
Target Compounds						
16) Acetone	2.32	43	5483	6.553	ug/l	97
18) Methyl Acetate	2.62	43	2050	1.054	ug/l #	88
20) Methylene Chloride	2.70	84	1915	1.348	ug/l	88
43) Isopropyl Acetate	5.55	43	8170	2.583	ug/l #	89

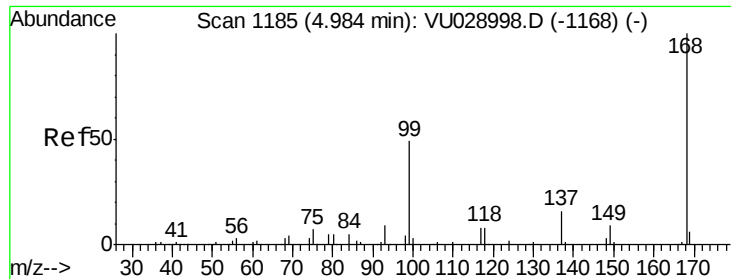
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

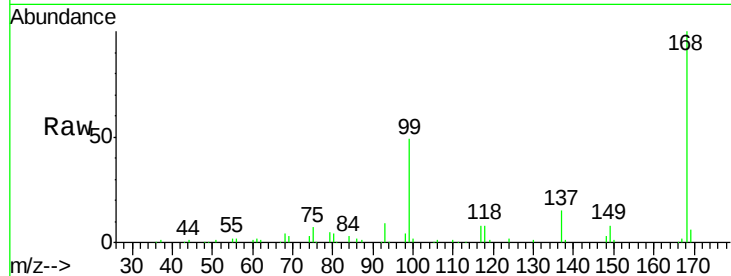
PB116248ZHE#13

Tot Ion:168 Resp: 107447

Ion Ratio Lower Upper

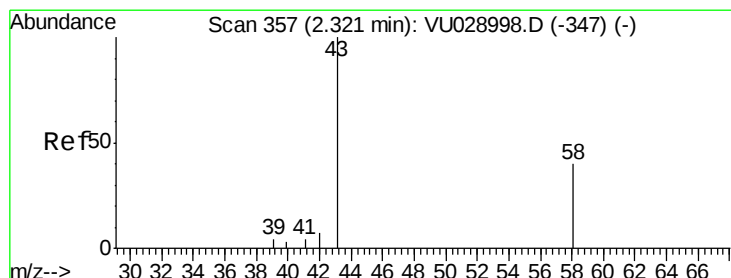
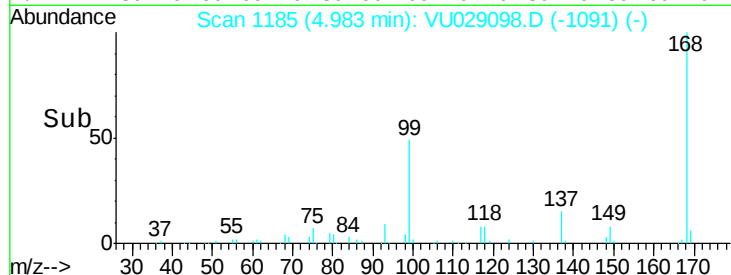
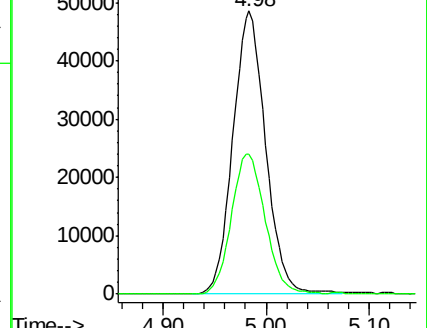
168 100

99 49.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)



#16

Acetone

Concen: 6.553 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029098.D

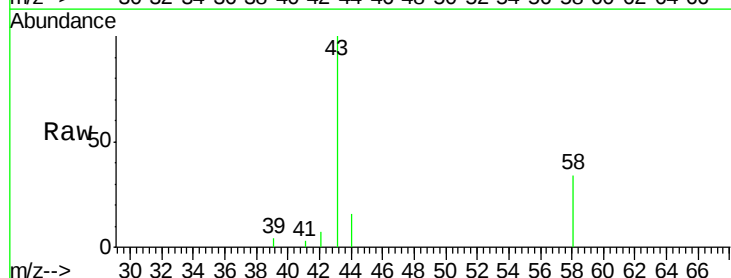
Acq: 09 Jan 2019 18:39

Tgt Ion: 43 Resp: 5483

Ion Ratio Lower Upper

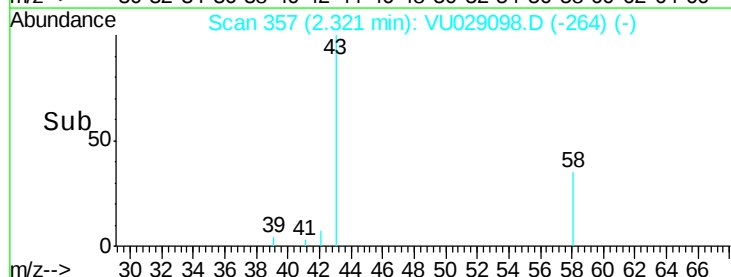
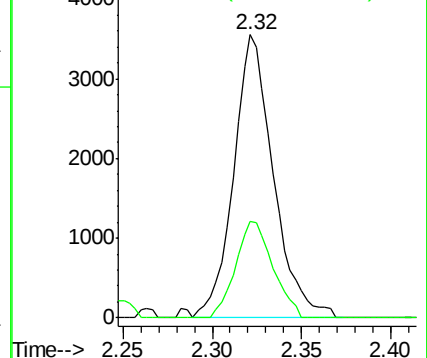
43 100

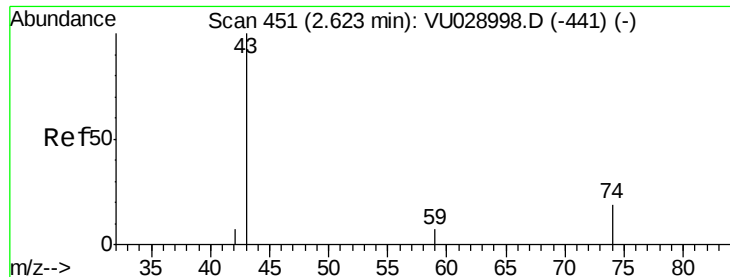
58 34.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)





#18

Methyl Acetate

Concen: 1.054 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

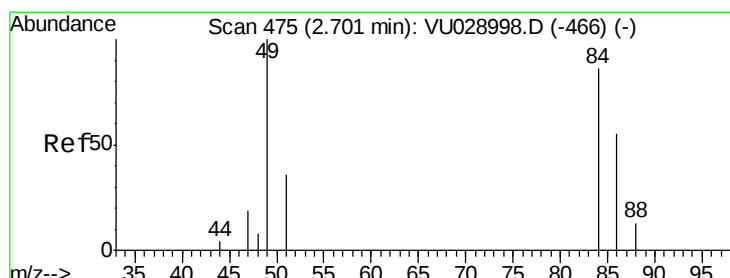
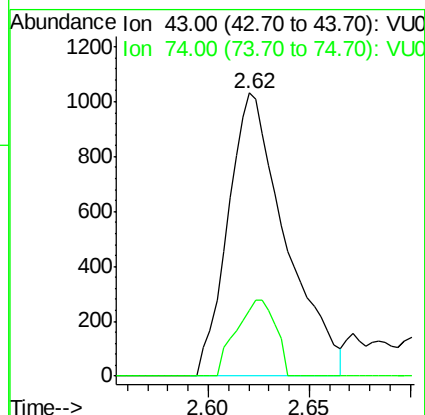
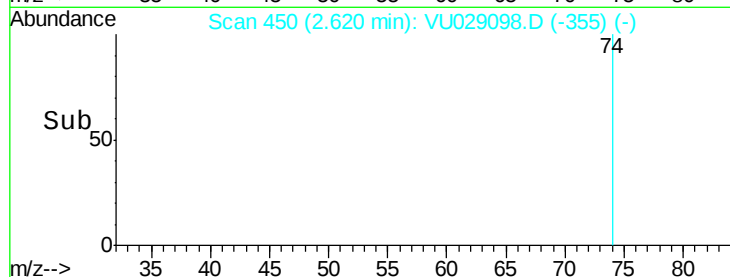
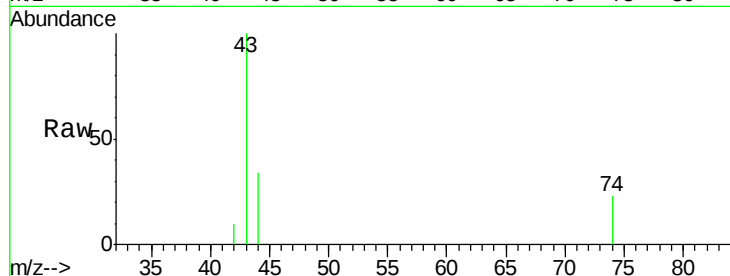
PB116248ZHE#13

Tot Ion: 43 Resp: 2050

Ion Ratio Lower Upper

43 100

74 18.5 19.5 29.3#



#20

Methylene Chloride

Concen: 1.348 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

Tgt Ion: 84 Resp: 1915

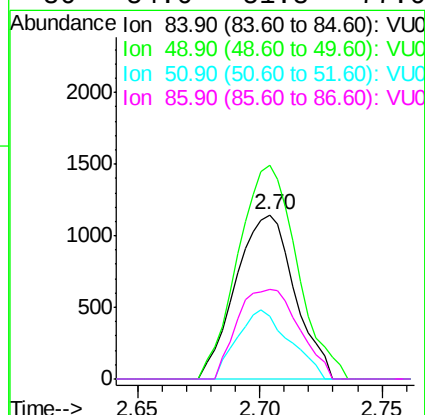
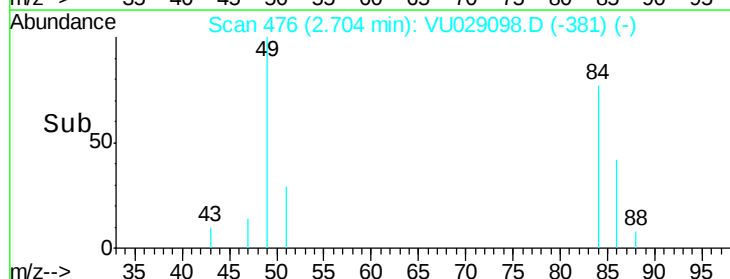
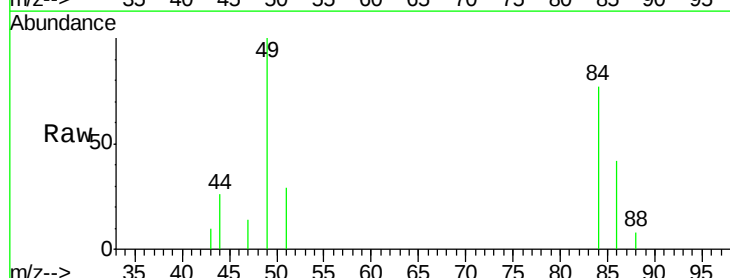
Ion Ratio Lower Upper

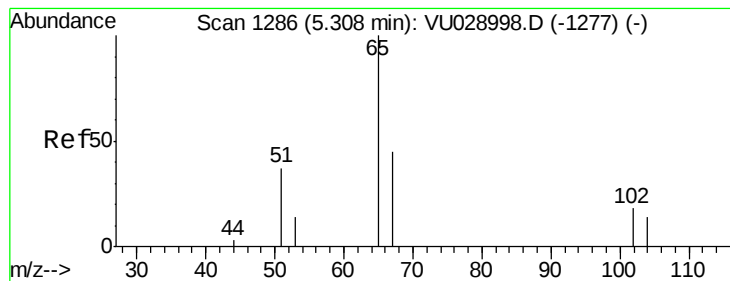
84 100

49 130.2 91.9 137.9

51 37.9 29.2 43.8

86 54.6 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 55.681 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

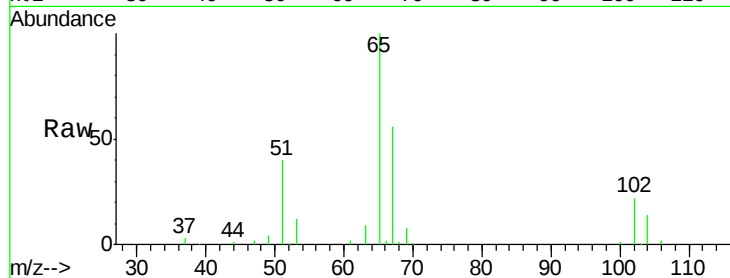
PB116248ZHE#13

Tot Ion: 65 Resp: 73958

Ion Ratio Lower Upper

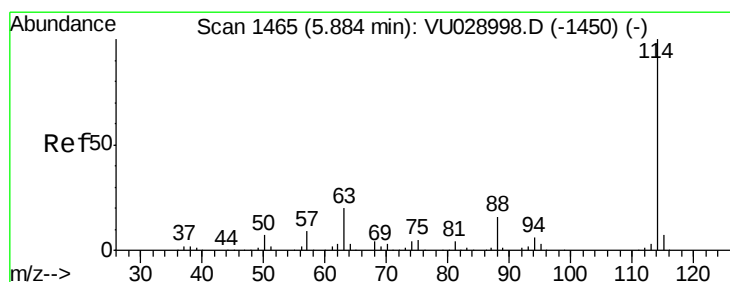
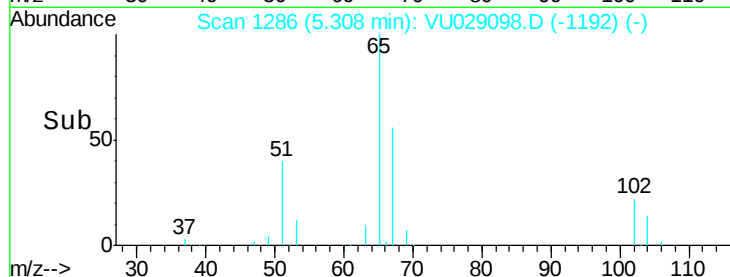
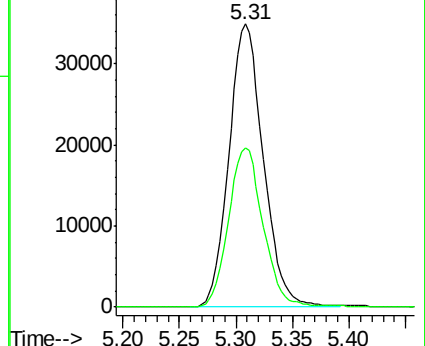
65 100

67 56.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU029098.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU029098.D (-1277) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

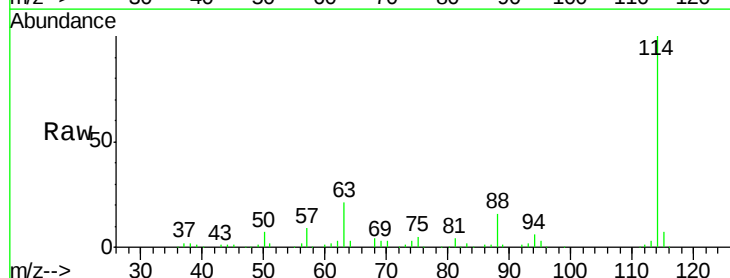
Tgt Ion: 114 Resp: 187921

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

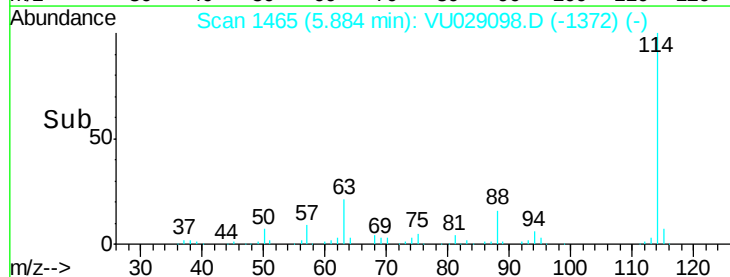
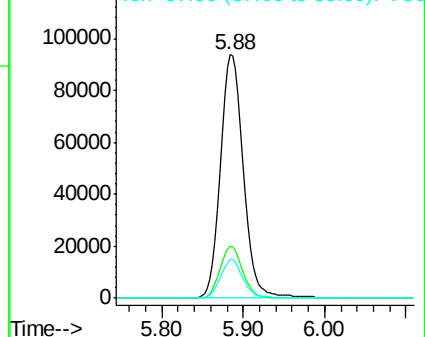
88 15.7 0.0 30.4

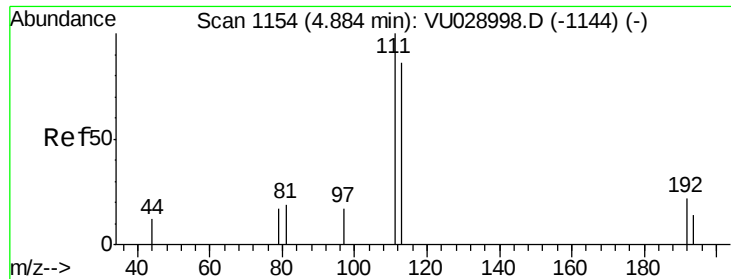


Abundance Ion 113.90 (113.60 to 114.60): VU029098.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU029098.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU029098.D (-1450) (-)

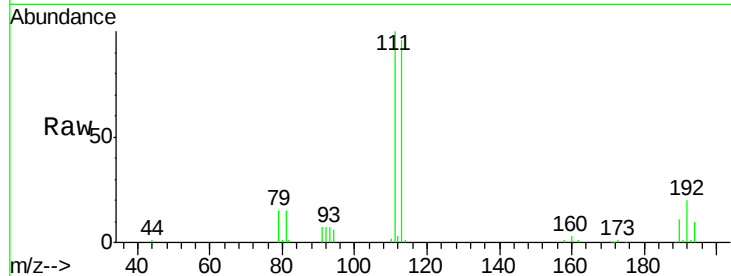




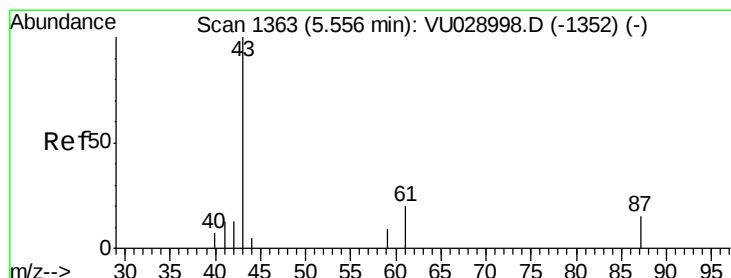
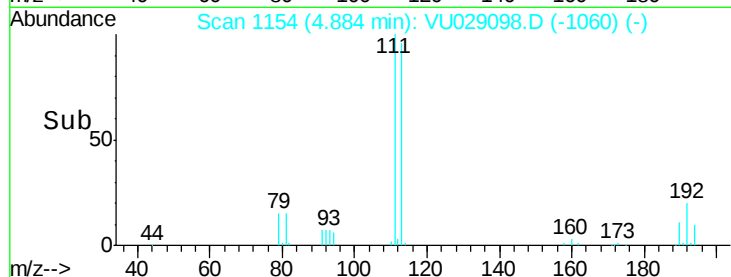
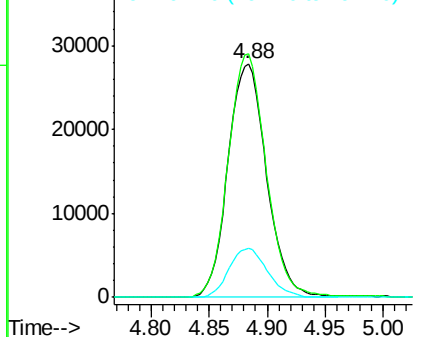
#35
 Dibromofluoromethane
 Concen: 52.888 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU029098.D
 Acq: 09 Jan 2019 18:39

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#13

Tot Ion:113 Resp: 64426
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 20.9 16.8 25.2

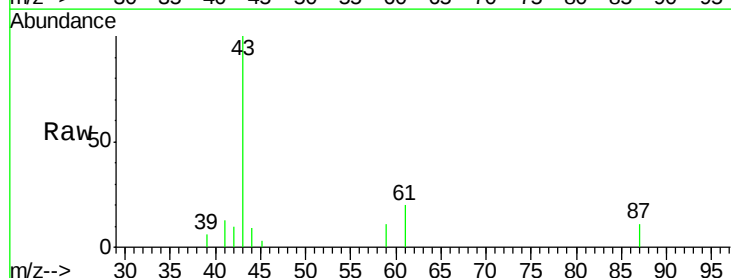


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

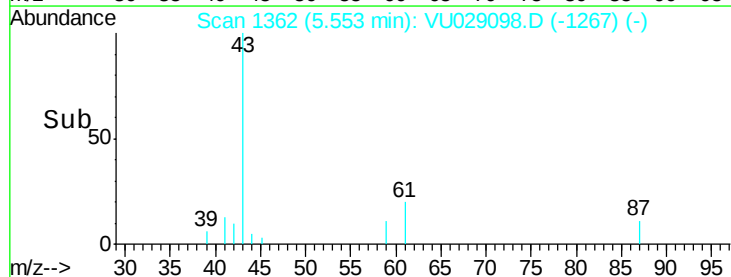
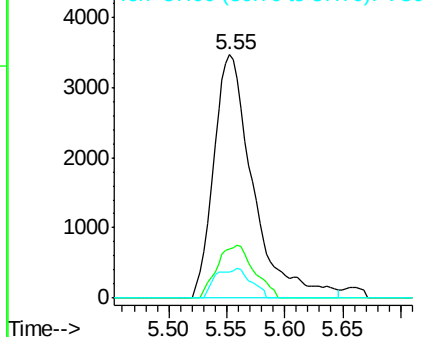


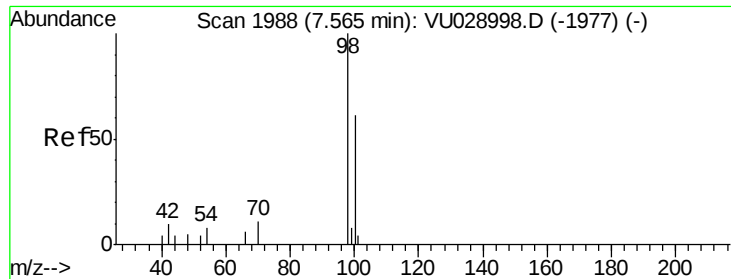
#43
 Isopropyl Acetate
 Concen: 2.583 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VU029098.D
 Acq: 09 Jan 2019 18:39

Tgt Ion: 43 Resp: 8170
 Ion Ratio Lower Upper
 43 100
 61 20.4 17.8 26.6
 87 5.1 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 50.931 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

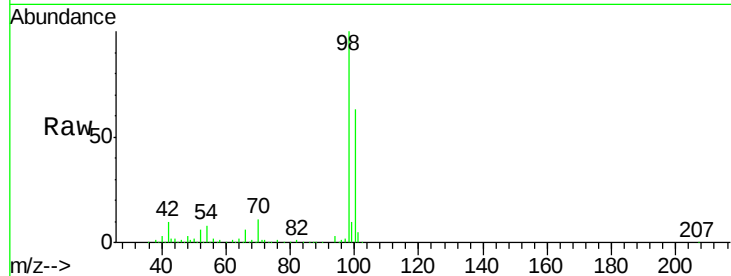
PB116248ZHE#13

Tot Ion: 98 Resp: 244935

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

7.56

150000

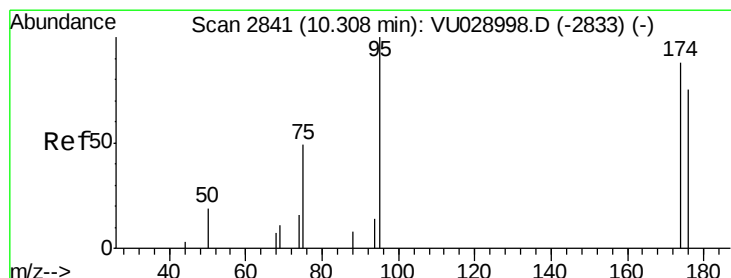
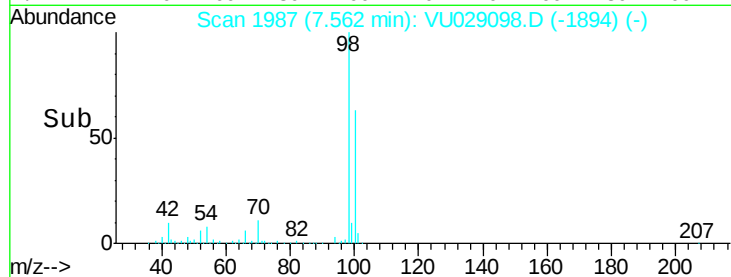
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 43.848 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029098.D

Acq: 09 Jan 2019 18:39

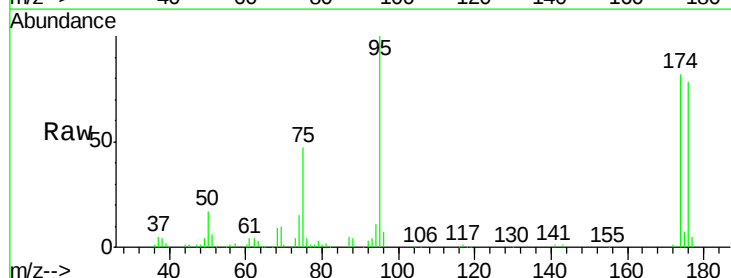
Tgt Ion: 95 Resp: 75783

Ion Ratio Lower Upper

95 100

174 85.2 0.0 170.6

176 79.7 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

10.30

60000

50000

40000

30000

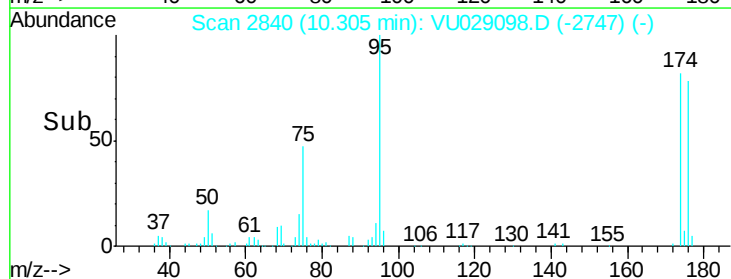
20000

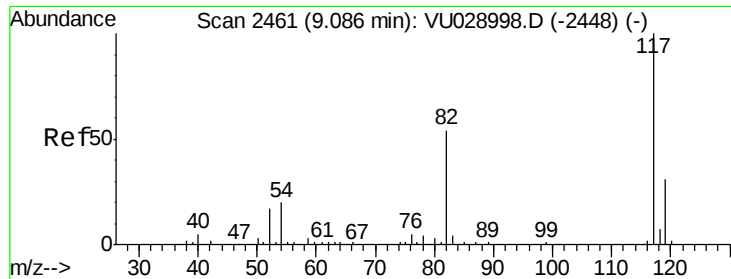
10000

0

10.30 10.40

Time-->

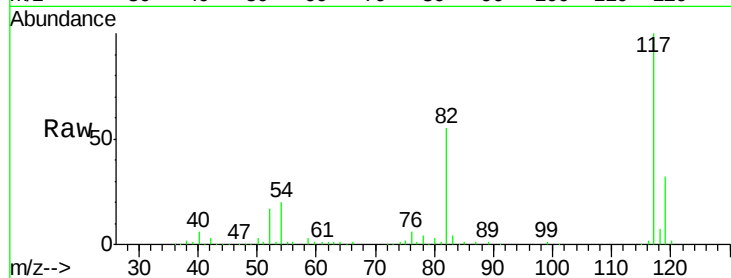




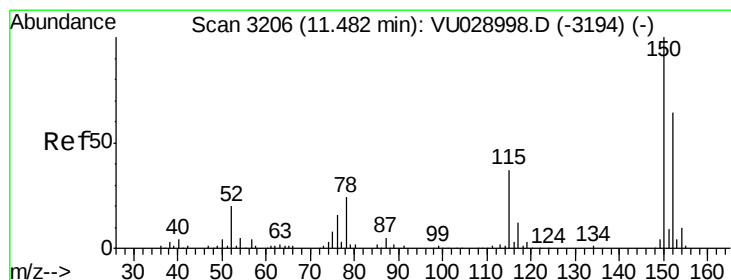
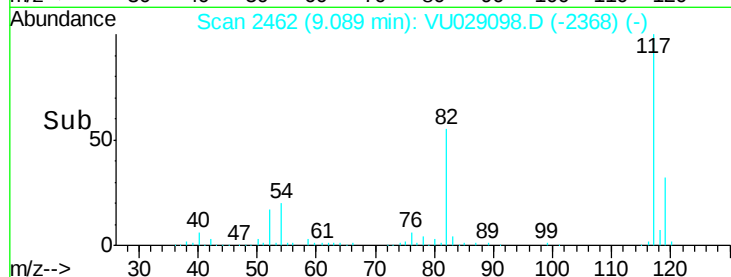
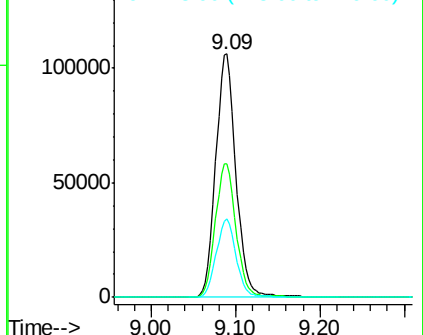
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU029098.D
 Acq: 09 Jan 2019 18:39

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#13

Tot Ion:117 Resp: 178145
 Ion Ratio Lower Upper
 117 100
 82 54.6 43.9 65.9
 119 32.1 26.0 39.0

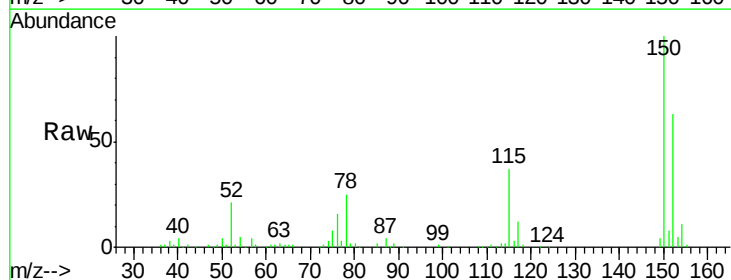


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029098.D
 Acq: 09 Jan 2019 18:39

Tgt Ion:152 Resp: 69499
 Ion Ratio Lower Upper
 152 100
 115 57.0 40.1 120.3
 150 155.3 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

