

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029090.D
 Acq On : 09 Jan 2019 15:25
 Operator : MD/SY
 Sample : PB116248ZHE#05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#05

Quant Time: Jan 10 05:01:39 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

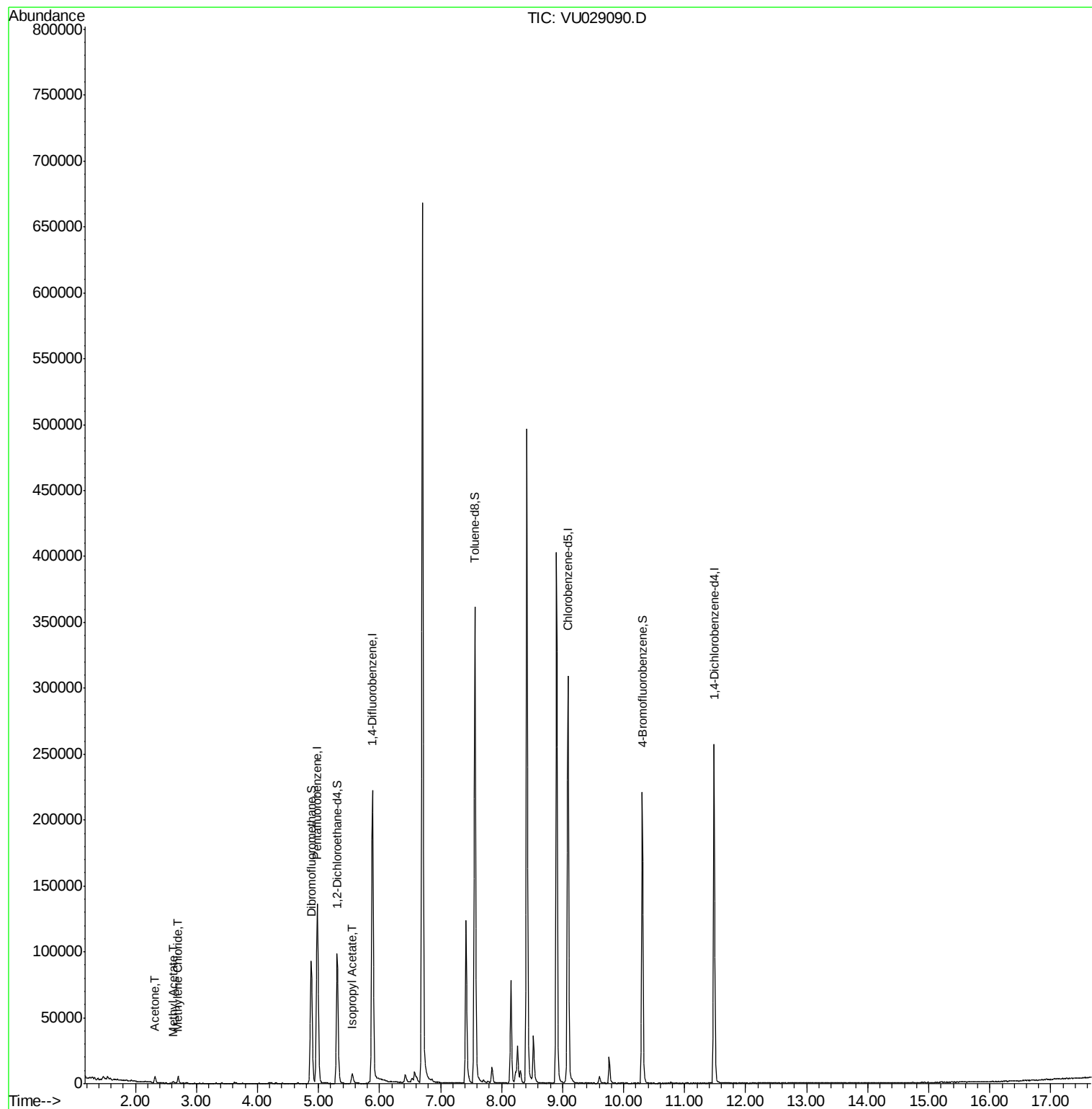
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	191011	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75484	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	4.88	113	66369	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	7.57	98	246137	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	10.31	95	75872	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
16) Acetone	2.32	43	5762	6.606	ug/l	99
18) Methyl Acetate	2.62	43	2148	1.059	ug/l #	75
20) Methylene Chloride	2.70	84	2284	1.542	ug/l	94
43) Isopropyl Acetate	5.55	43	9212	2.866	ug/l	97

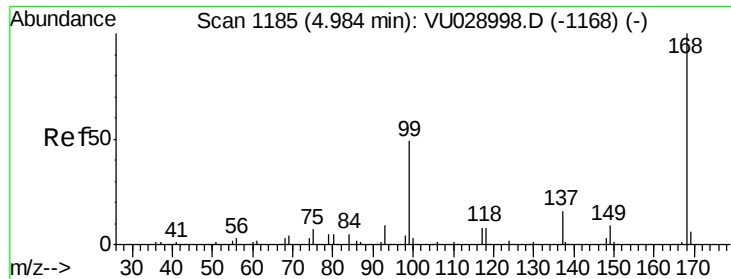
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029090.D

Acq: 09 Jan 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

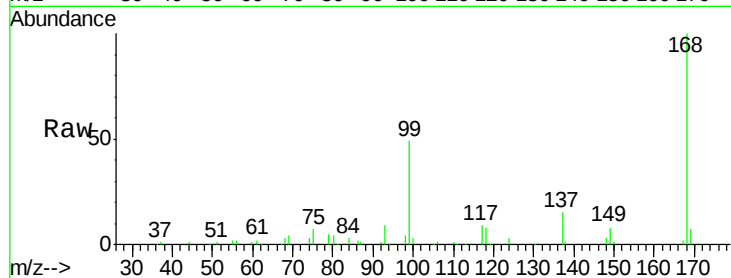
PB116248ZHE#05

Tot Ion:168 Resp: 112012

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) (-)

4.98

60000

50000

40000

30000

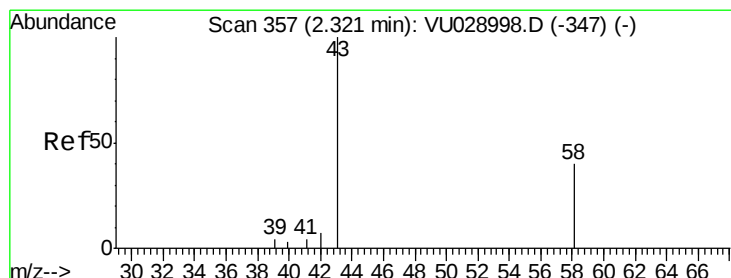
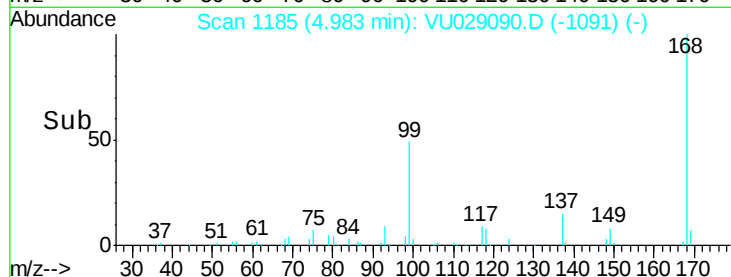
20000

10000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 6.606 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029090.D

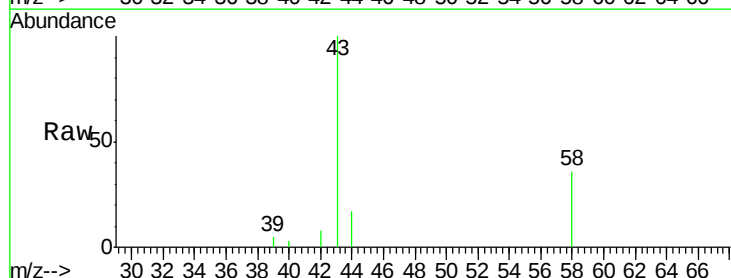
Acq: 09 Jan 2019 15:25

Tgt Ion: 43 Resp: 5762

Ion Ratio Lower Upper

43 100

58 36.0 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) (-)

2.32

4000

3000

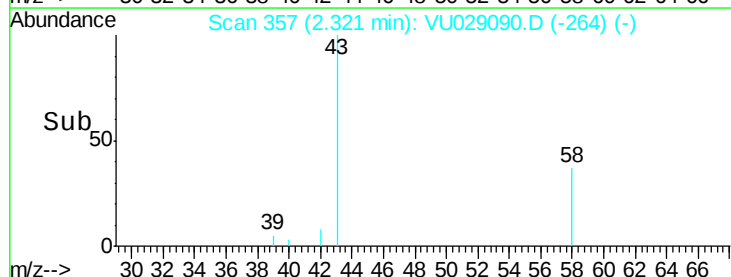
2000

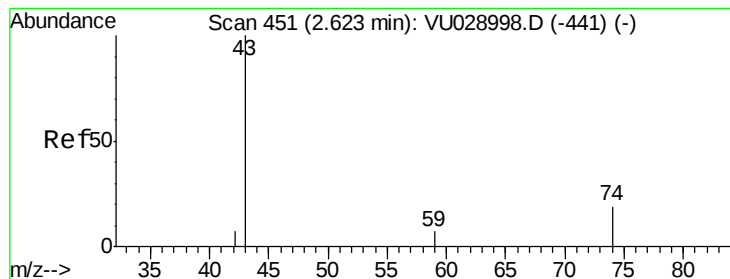
1000

0

Time-->

2.25 2.30 2.35





#18

Methyl Acetate

Concen: 1.059 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU029090.D

Acq: 09 Jan 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

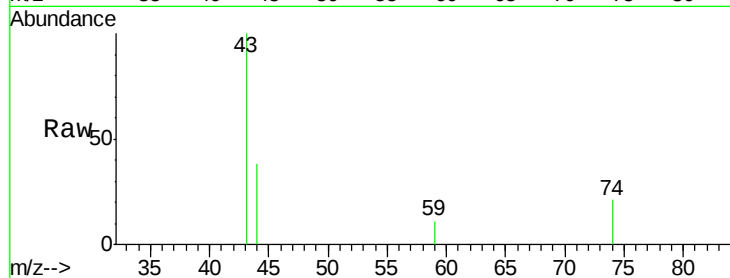
PB116248ZHE#05

Tot Ion: 43 Resp: 2148

Ion Ratio Lower Upper

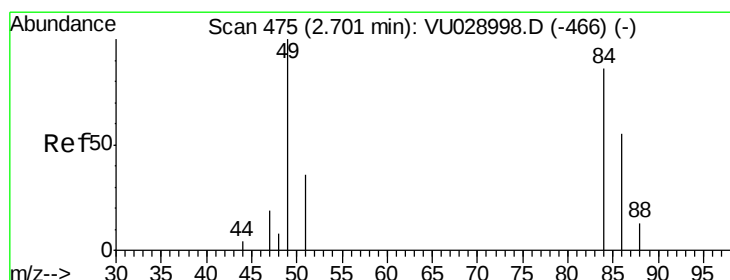
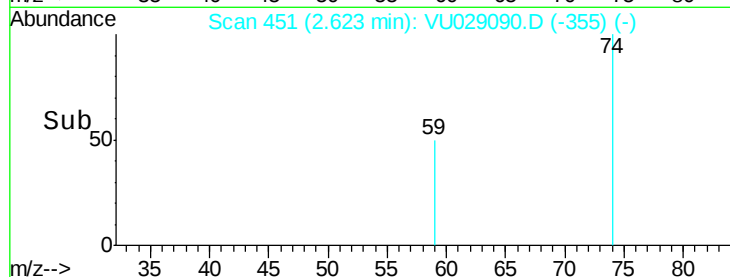
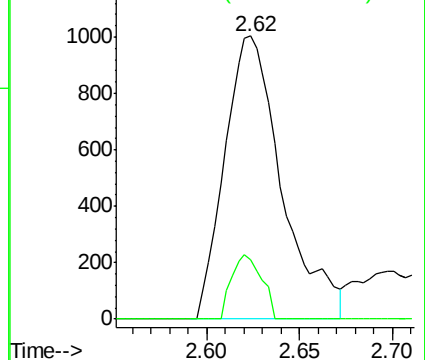
43 100

74 11.9 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#20

Methylene Chloride

Concen: 1.542 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029090.D

Acq: 09 Jan 2019 15:25

Tgt Ion: 84 Resp: 2284

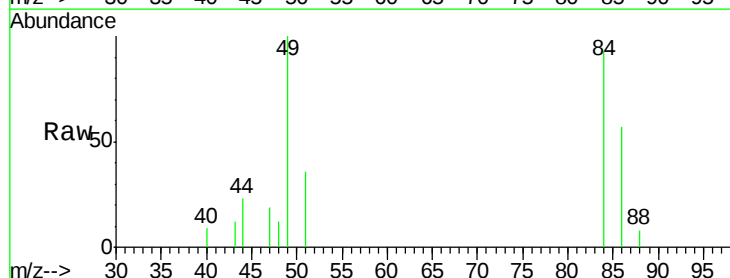
Ion Ratio Lower Upper

84 100

49 107.0 91.9 137.9

51 38.7 29.2 43.8

86 61.4 51.8 77.6

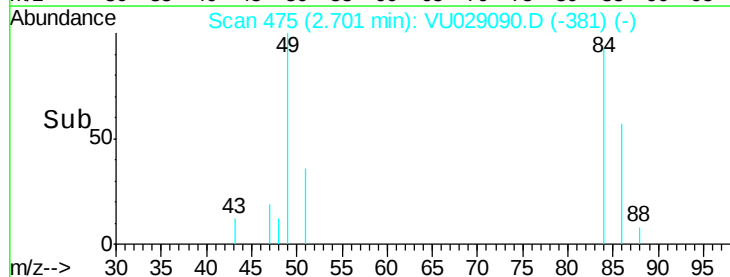
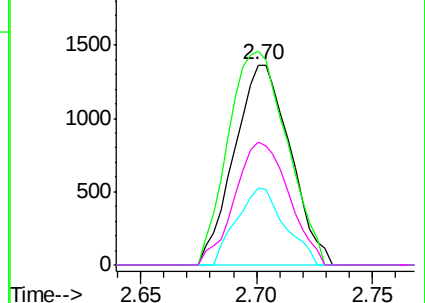


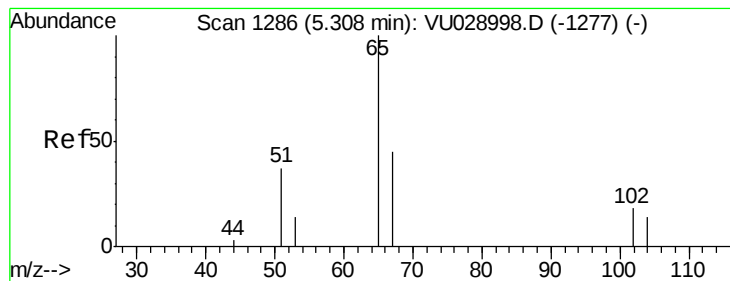
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 54.513 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029090.D

Acq: 09 Jan 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

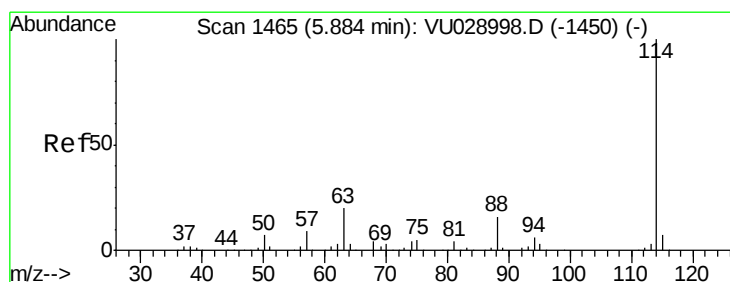
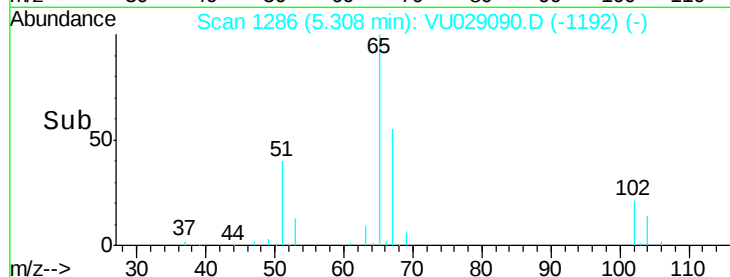
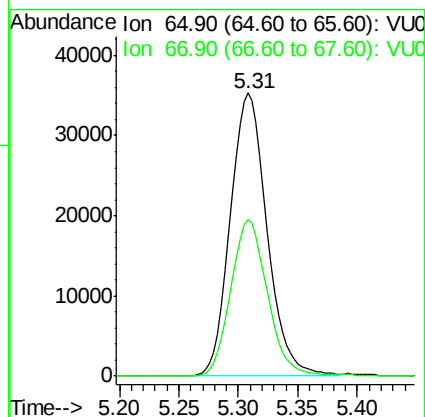
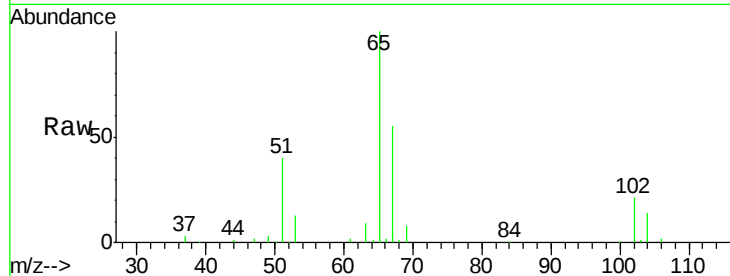
PB116248ZHE#05

Tot Ion: 65 Resp: 75484

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029090.D

Acq: 09 Jan 2019 15:25

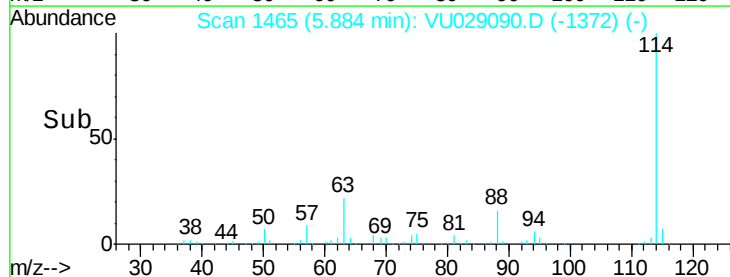
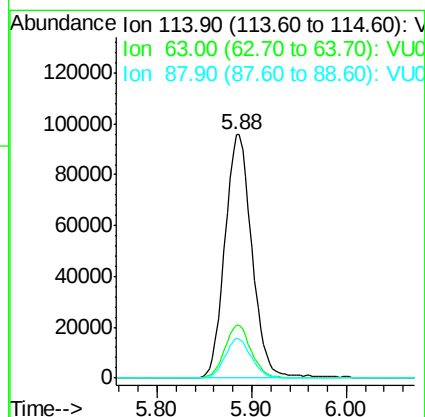
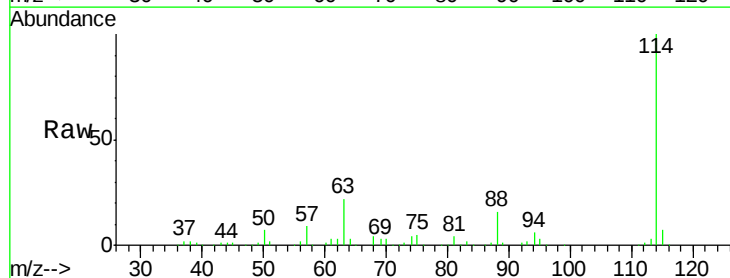
Tgt Ion: 114 Resp: 191011

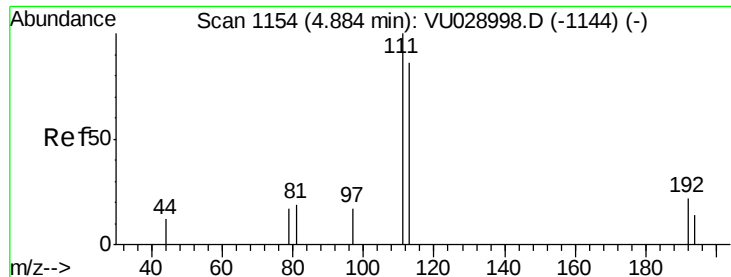
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.2

88 16.4 0.0 30.4

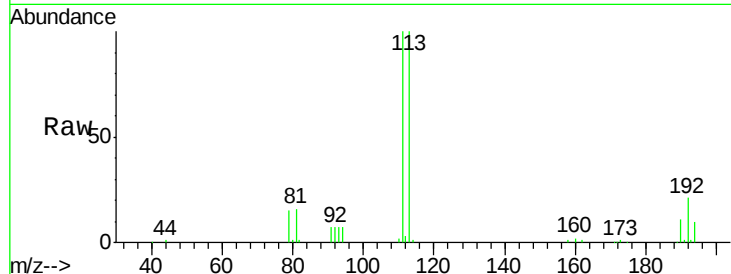




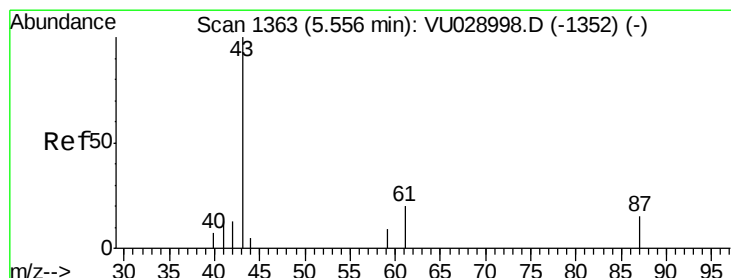
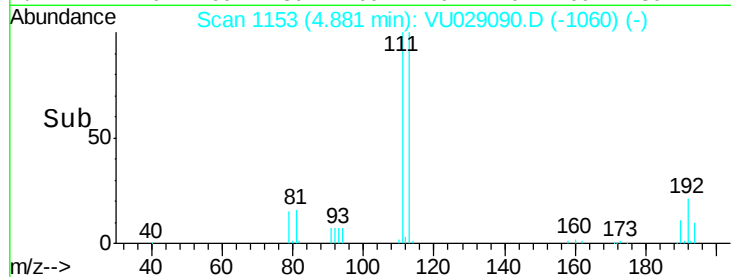
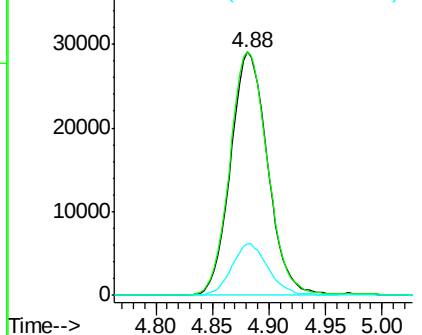
#35
 Dibromofluoromethane
 Concen: 53.602 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029090.D
 Acq: 09 Jan 2019 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#05

Tot Ion:113 Resp: 66369
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 20.8 16.8 25.2

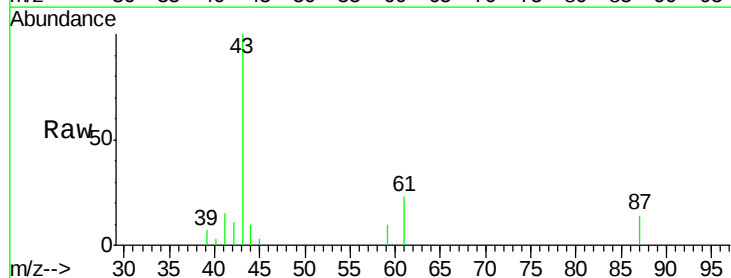


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

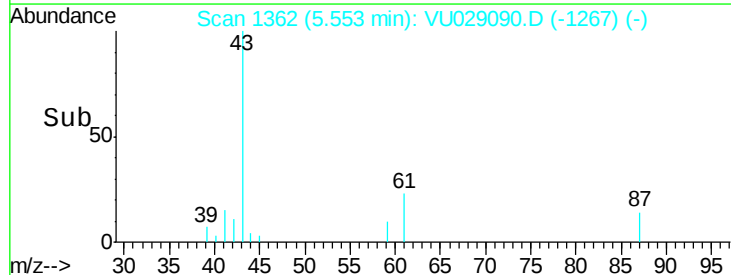
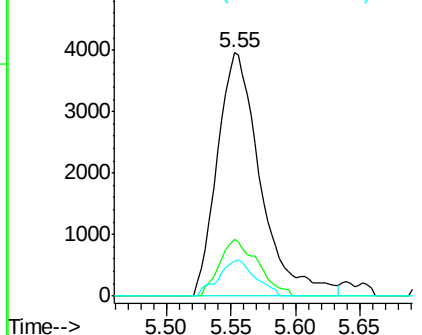


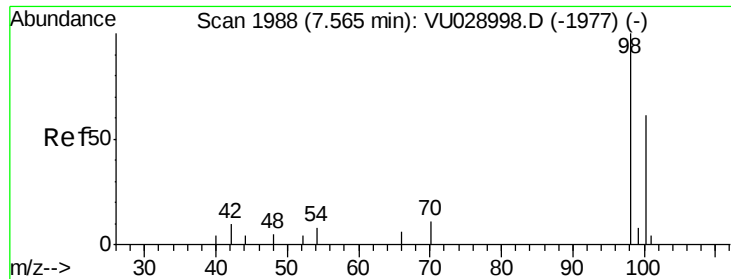
#43
 Isopropyl Acetate
 Concen: 2.866 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VU029090.D
 Acq: 09 Jan 2019 15:25

Tgt Ion: 43 Resp: 9212
 Ion Ratio Lower Upper
 43 100
 61 20.7 17.8 26.6
 87 12.5 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

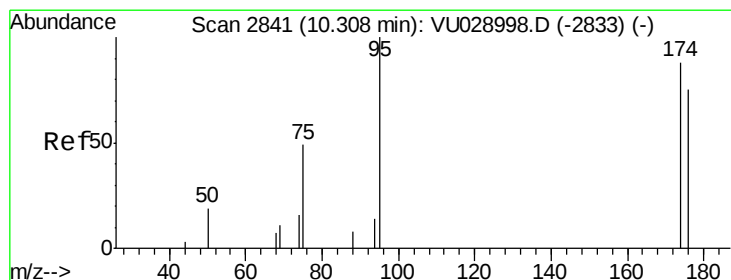
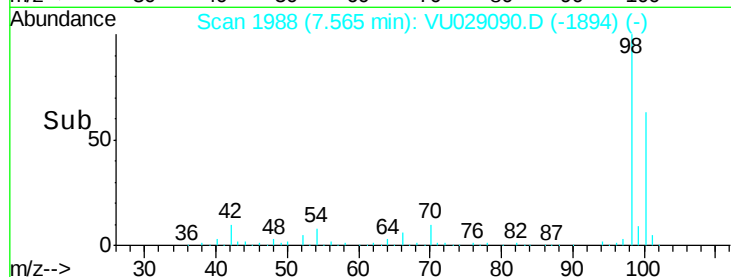
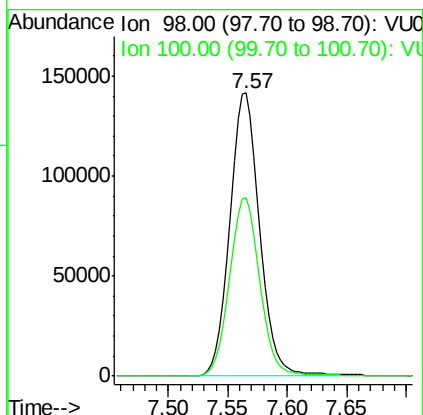
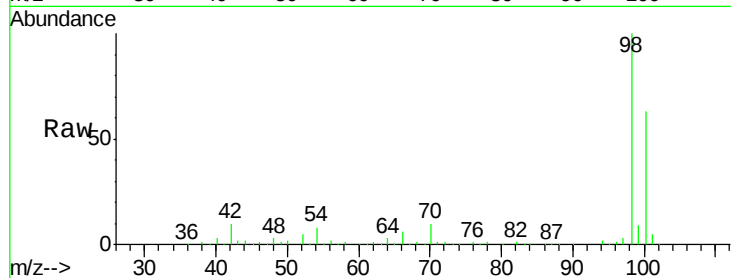




#50
Toluene-d8
Concen: 50.353 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU029090.D
Acq: 09 Jan 2019 15:25

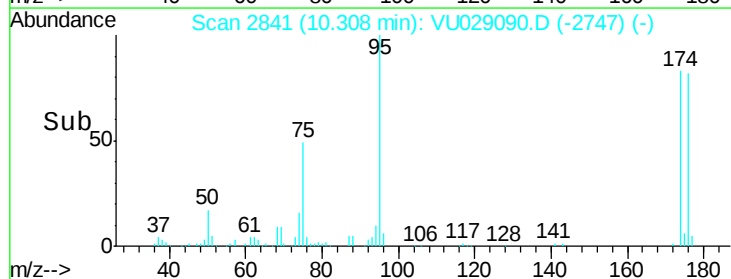
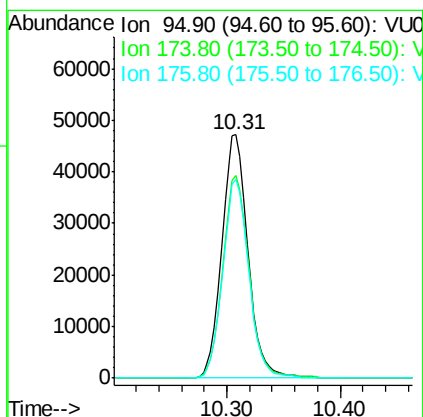
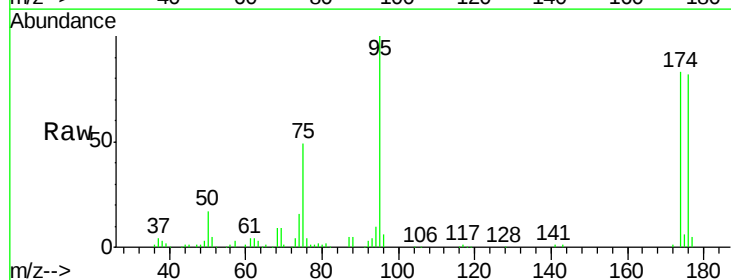
Instrument :
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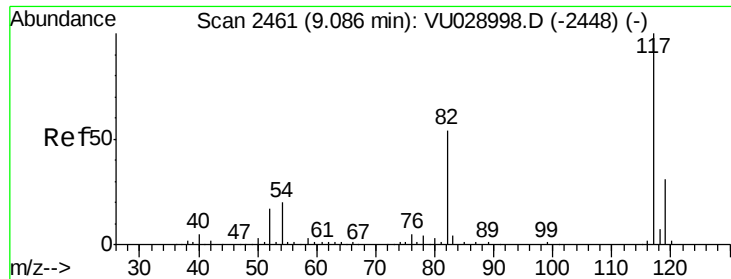
Tot Ion: 98 Resp: 246137
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.189 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU029090.D
Acq: 09 Jan 2019 15:25

Tgt Ion: 95 Resp: 75872
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.6
176 81.3 0.0 165.0

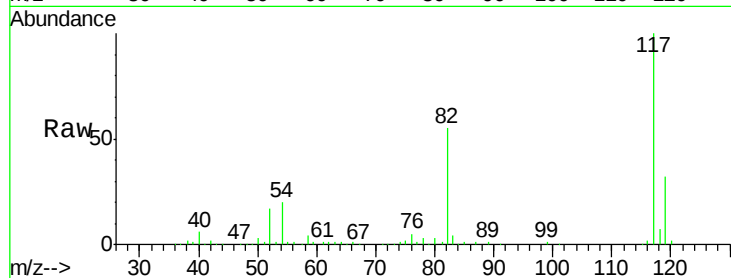




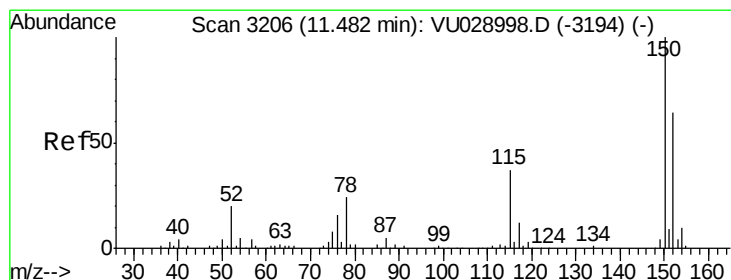
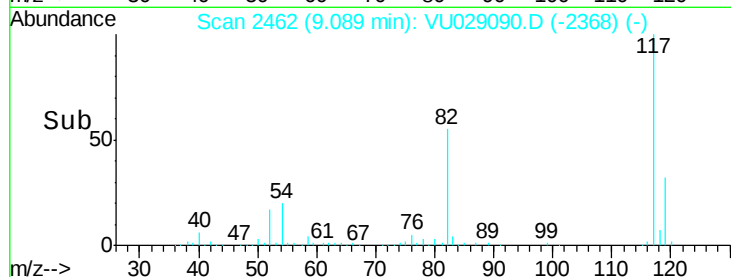
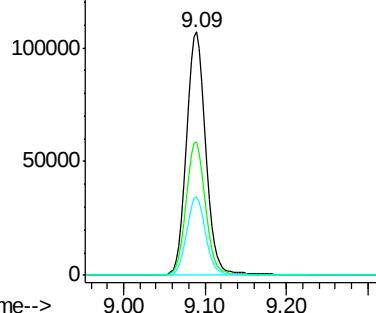
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029090.D
Acq: 09 Jan 2019 15:25

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#05

Tot Ion:117 Resp: 181377
Ion Ratio Lower Upper
117 100
82 54.7 43.9 65.9
119 32.2 26.0 39.0

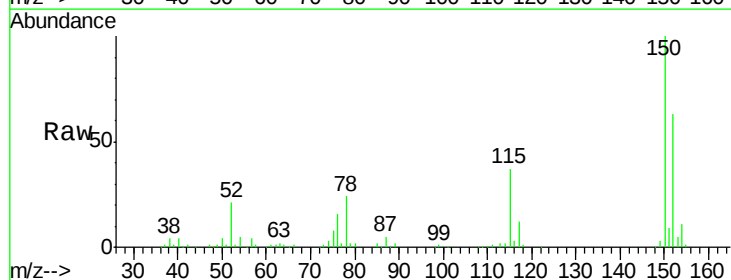


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029090.D
Acq: 09 Jan 2019 15:25

Tgt Ion:152 Resp: 69918
Ion Ratio Lower Upper
152 100
115 57.5 40.1 120.3
150 156.9 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

