

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029241.D
 Acq On : 21 Jan 2019 12:08
 Operator : JC/SP
 Sample : PB116506ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#02

Quant Time: Jan 22 01:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

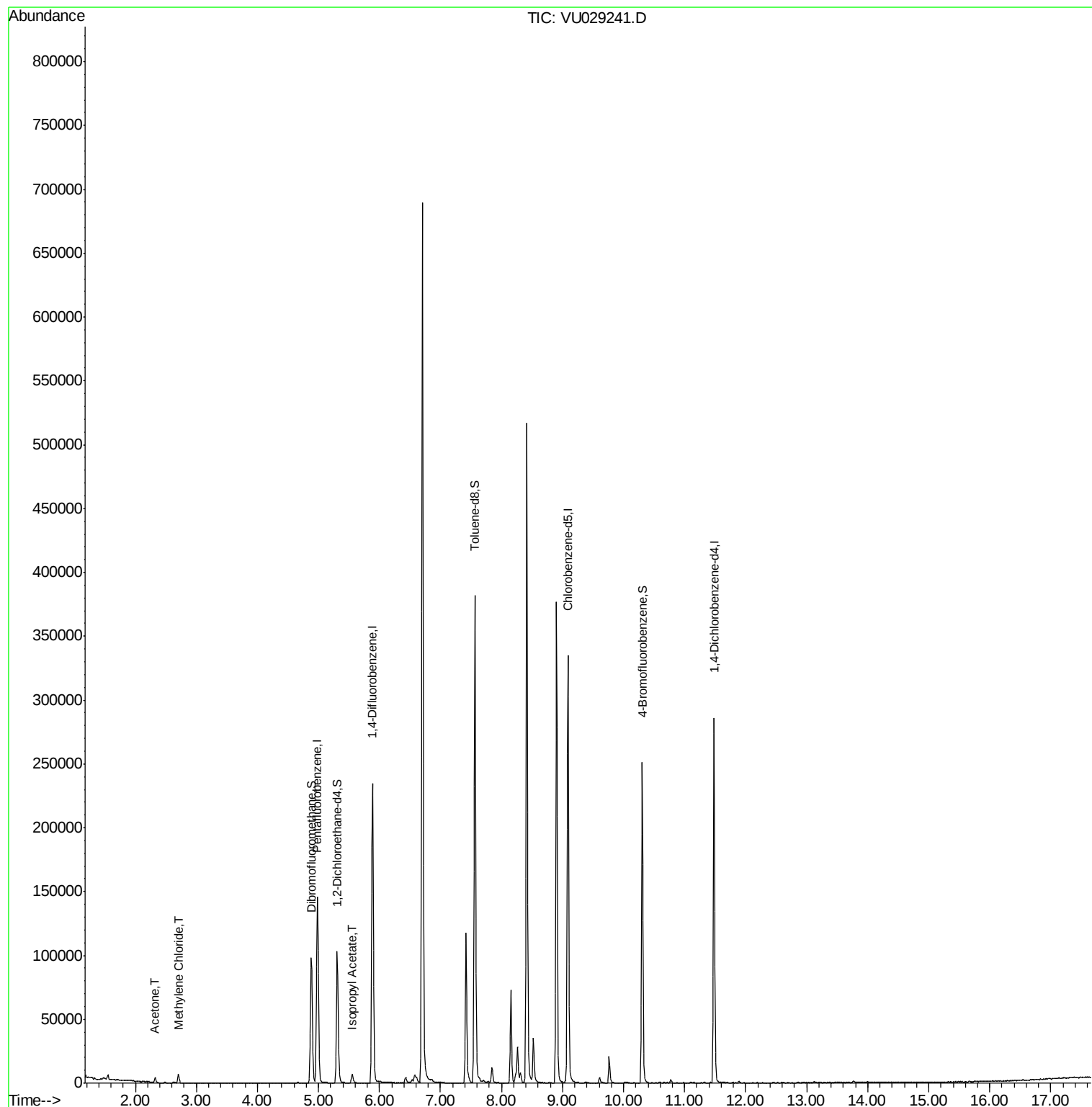
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	118226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	205929	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79915	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
35) Dibromofluoromethane	4.88	113	68787	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	7.57	98	266472	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	10.30	95	84862	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	2.32	43	4298	4.668	ug/l	95
20) Methylene Chloride	2.71	84	3174	2.030	ug/l	93
43) Isopropyl Acetate	5.55	43	8502	2.453	ug/l	97

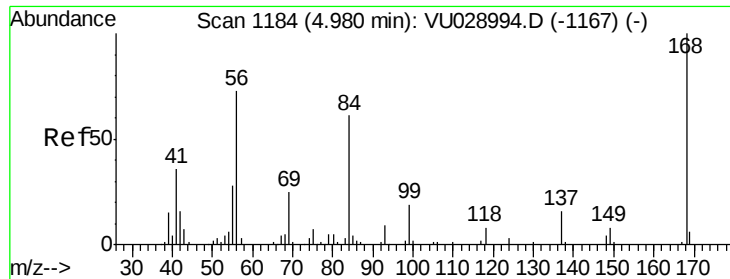
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029241.D

Acq: 21 Jan 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

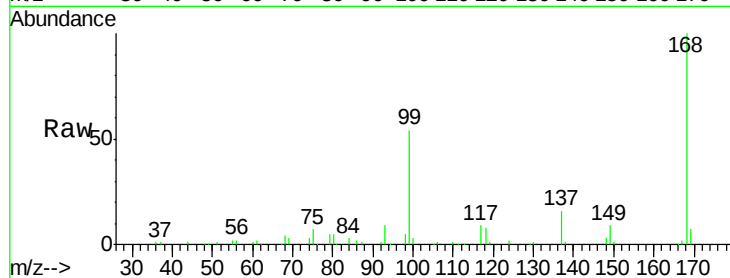
PB116506ZHE#02

Tot Ion:168 Resp: 118226

Ion Ratio Lower Upper

168 100

99 53.7 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) (-)

4.98

60000

50000

40000

30000

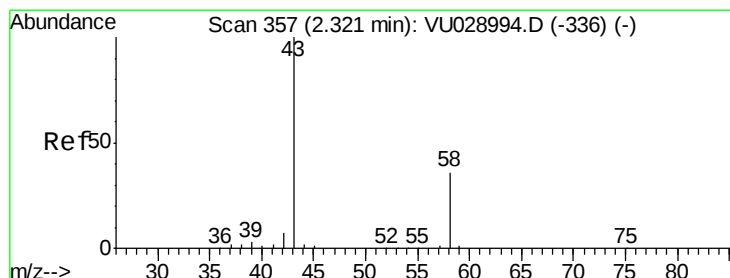
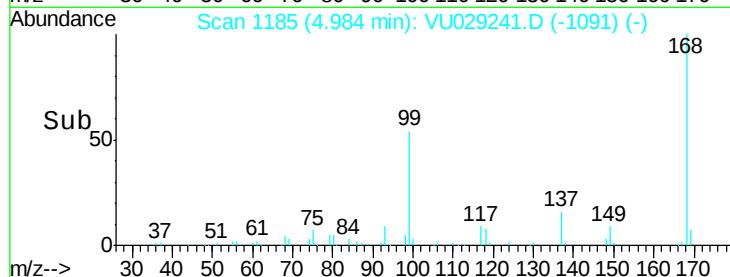
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.668 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029241.D

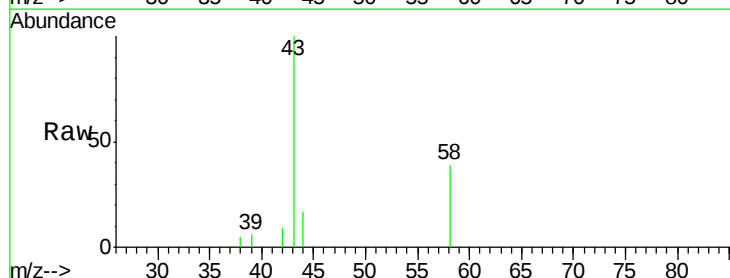
Acq: 21 Jan 2019 12:08

Tgt Ion: 43 Resp: 4298

Ion Ratio Lower Upper

43 100

58 38.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

3000

2500

2000

1500

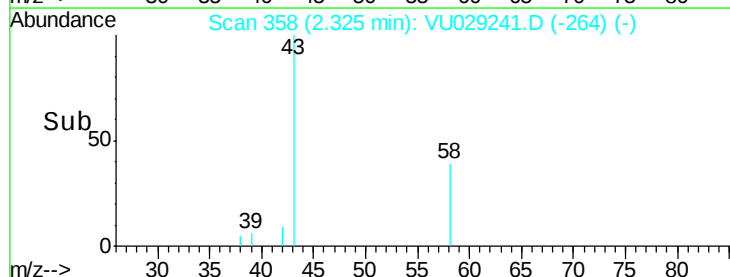
1000

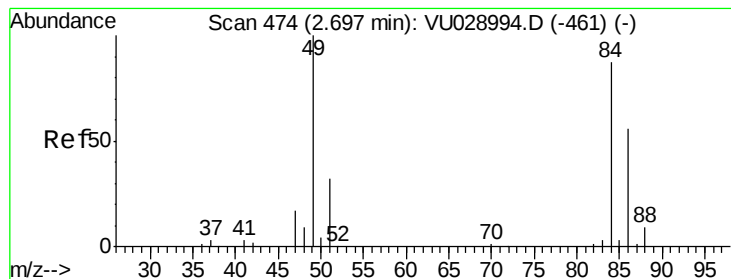
500

0

2.30 2.35

Time-->





#20

Methvlene Chloride

Concen: 2.030 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU029241.D

Acq: 21 Jan 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#02

Tot Ion: 84 Resp: 3174

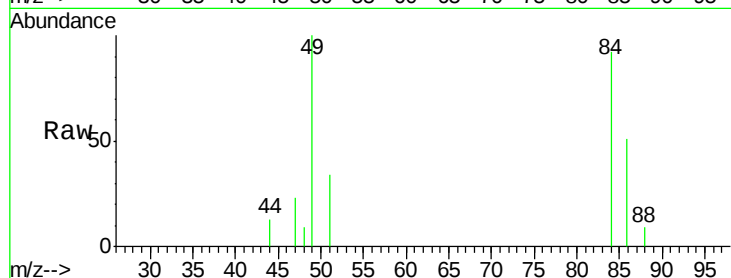
Ion Ratio Lower Upper

84 100

49 109.1 91.9 137.9

51 37.6 29.2 43.8

86 55.8 51.8 77.6

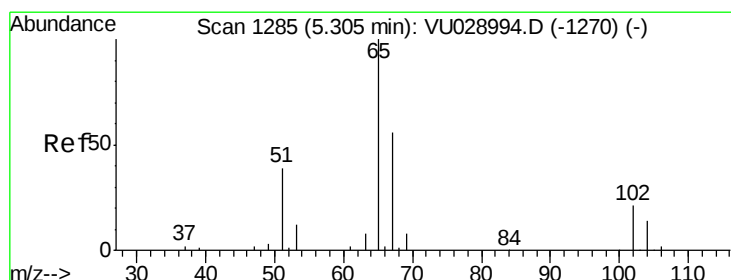
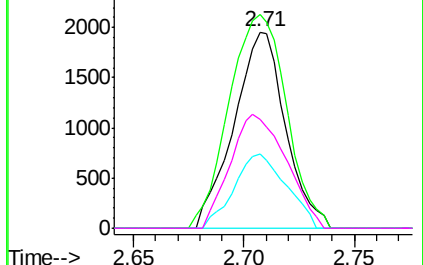
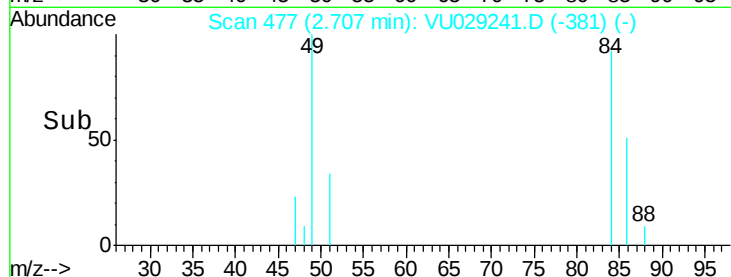


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 54.680 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029241.D

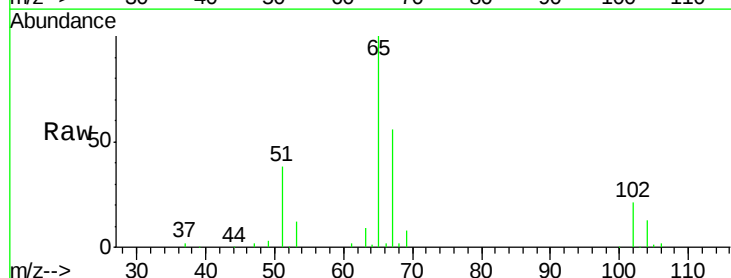
Acq: 21 Jan 2019 12:08

Tgt Ion: 65 Resp: 79915

Ion Ratio Lower Upper

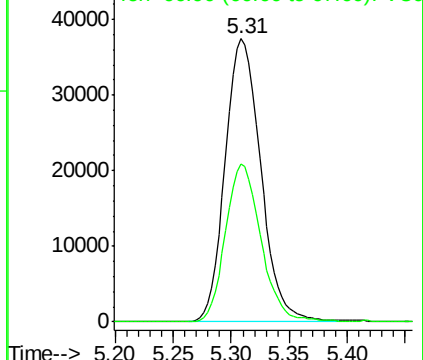
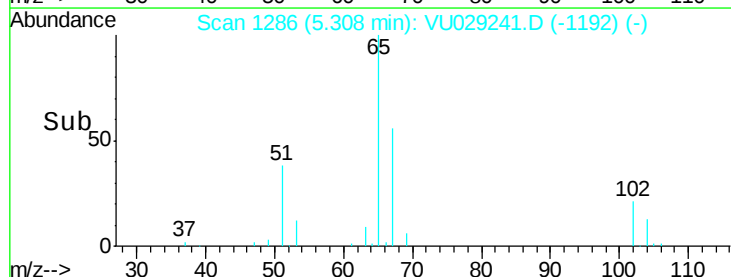
65 100

67 55.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

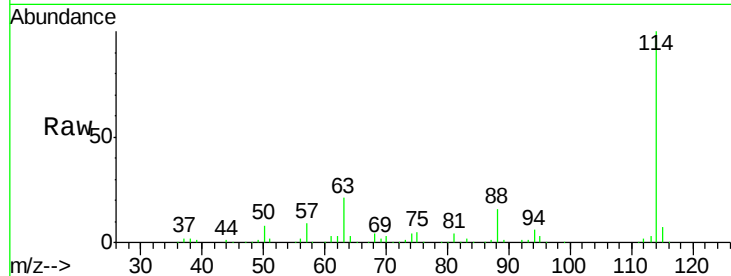




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU029241.D
 Acq: 21 Jan 2019 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116506ZHE#02

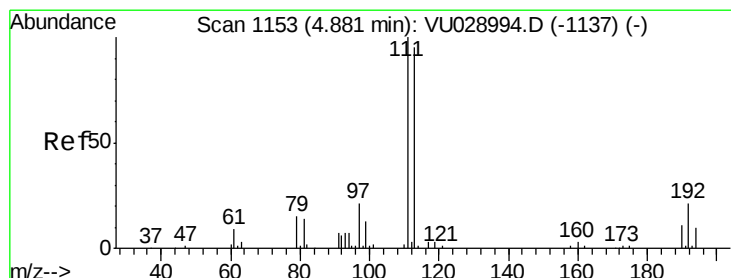
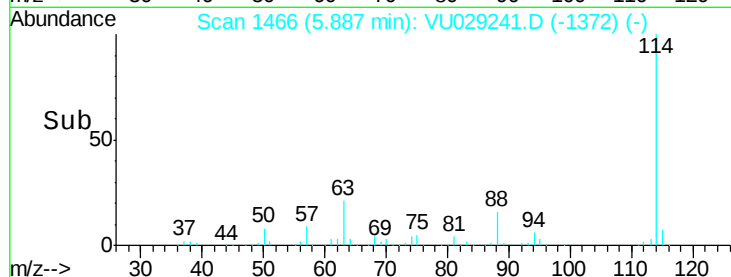
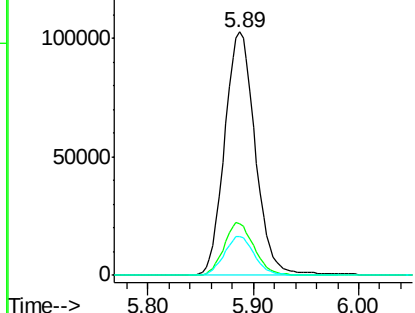
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.2
88	16.1	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

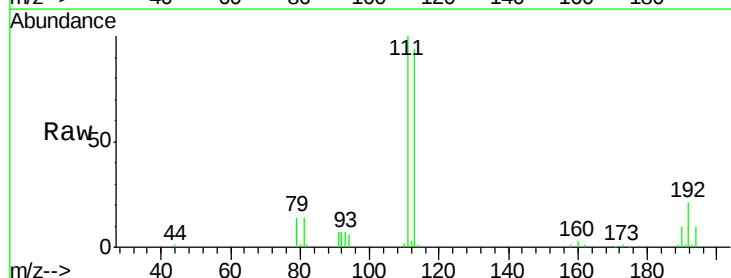
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 51.530 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU029241.D
 Acq: 21 Jan 2019 12:08

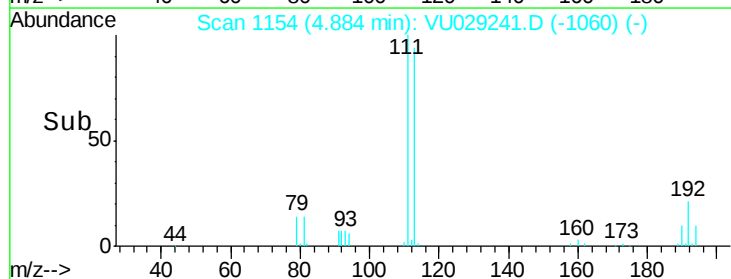
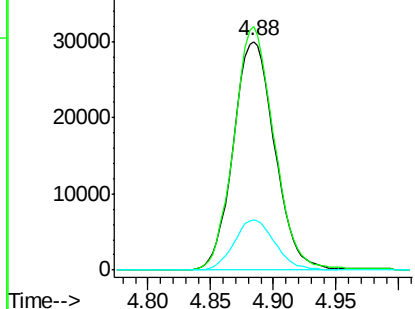
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	21.7	16.8	25.2

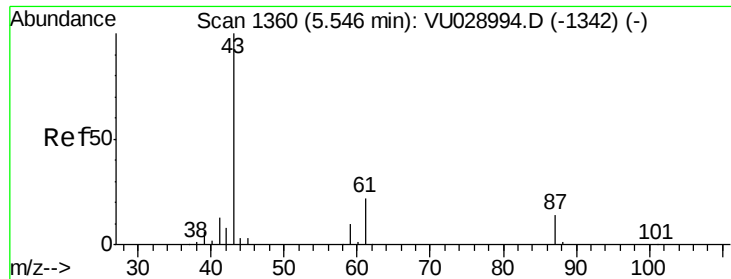


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.453 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029241.D

Acq: 21 Jan 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#02

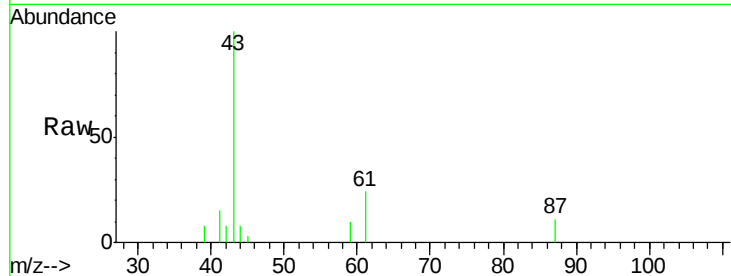
Tot Ion: 43 Resp: 8502

Ion Ratio Lower Upper

43 100

61 21.7 17.8 26.6

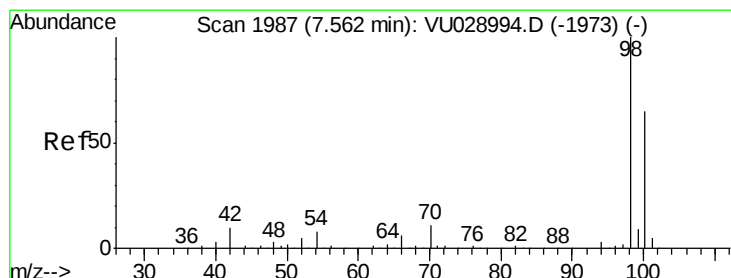
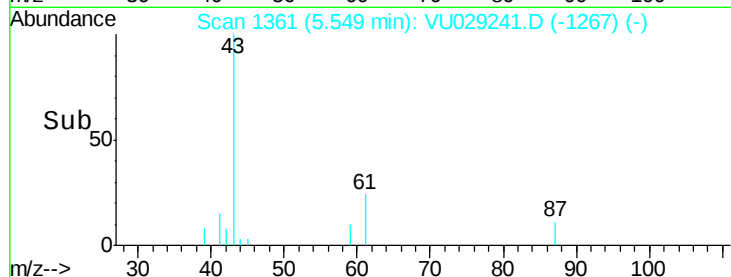
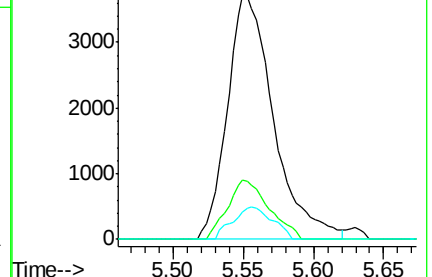
87 11.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#50

Toluene-d8

Concen: 50.564 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU029241.D

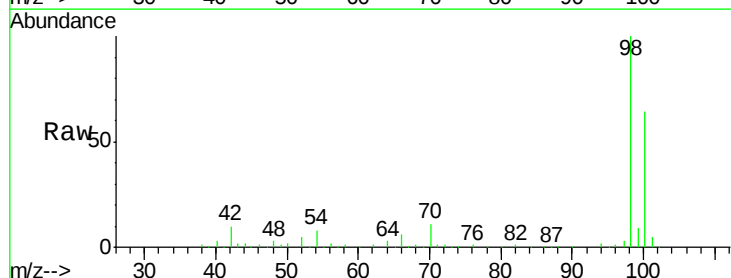
Acq: 21 Jan 2019 12:08

Tgt Ion: 98 Resp: 266472

Ion Ratio Lower Upper

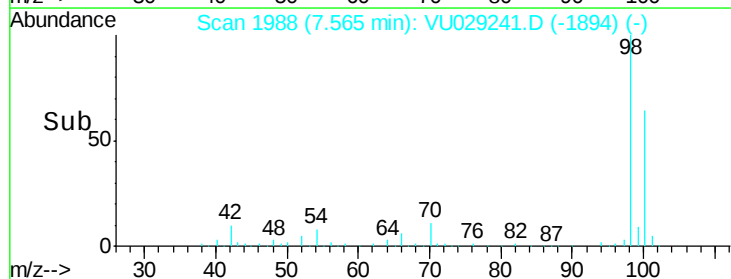
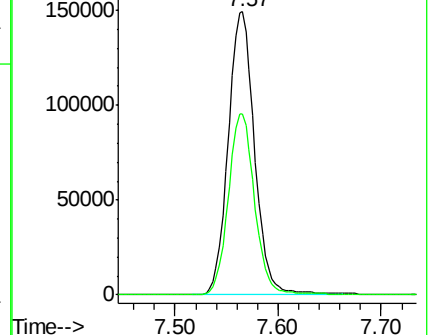
98 100

100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)





#62

4-Bromofluorobenzene

Concen: 44.807 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029241.D

Acq: 21 Jan 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#02

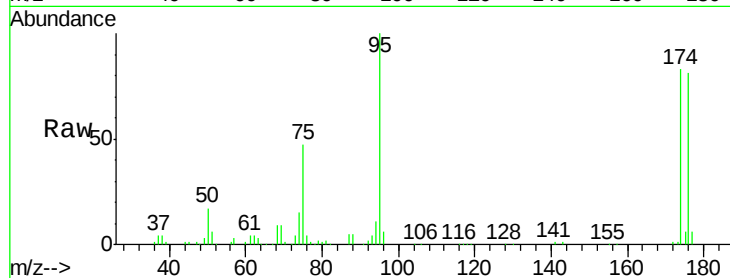
Tot Ion: 95 Resp: 84862

Ion Ratio Lower Upper

95 100

174 85.1 0.0 170.6

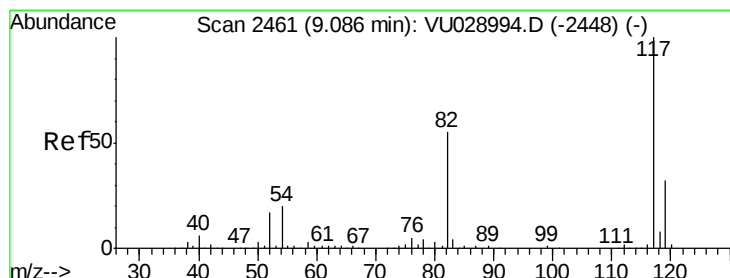
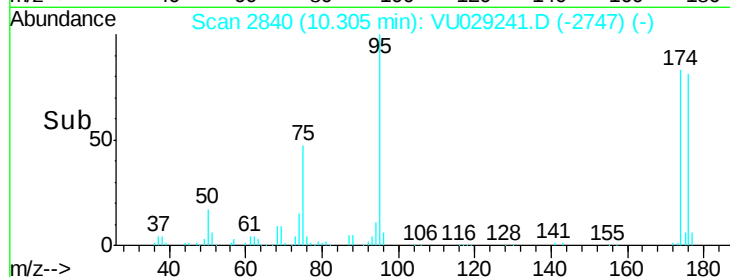
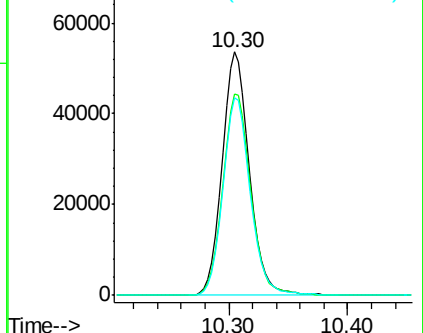
176 81.9 0.0 165.0



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: VU029241.D

Acq: 21 Jan 2019 12:08

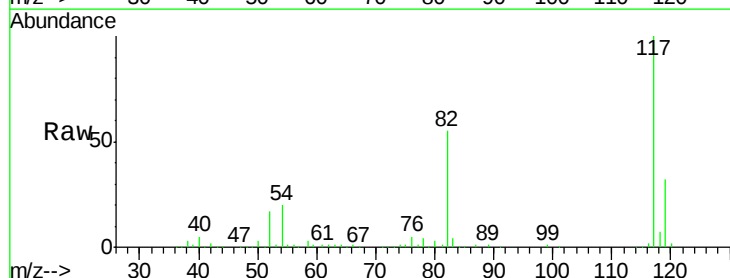
Tgt Ion: 117 Resp: 195267

Ion Ratio Lower Upper

117 100

82 54.9 43.9 65.9

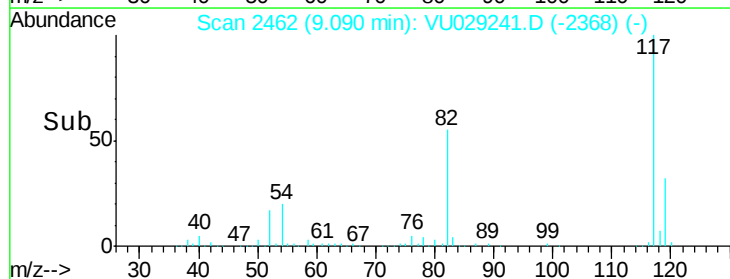
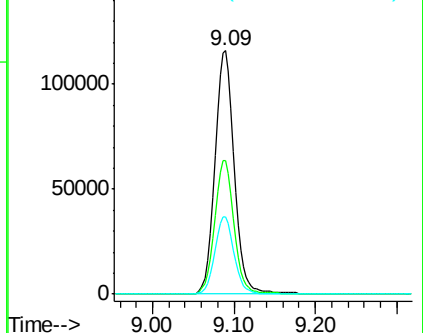
119 31.6 26.0 39.0

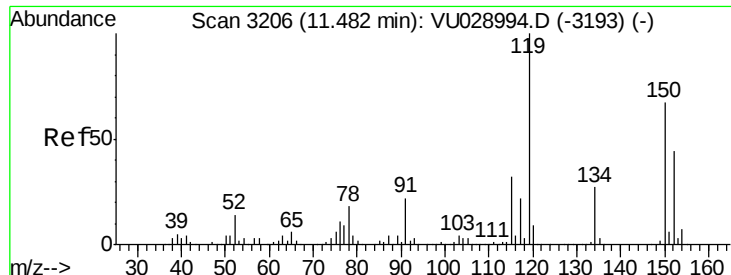


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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# 3206

Delta R.T. 0.00 min

Lab File: VU029241.D

Acq: 21 Jan 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

PB116506ZHE#02

Tot Ion:152 Resp: 77140

Ion Ratio Lower Upper

152 100

115 57.6 40.1 120.3

150 159.2 0.0 345.2

