

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029211.D
 Acq On : 16 Jan 2019 15:54
 Operator : JC/SP
 Sample : K1010-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-01-011519-A

Quant Time: Jan 17 02:26:12 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

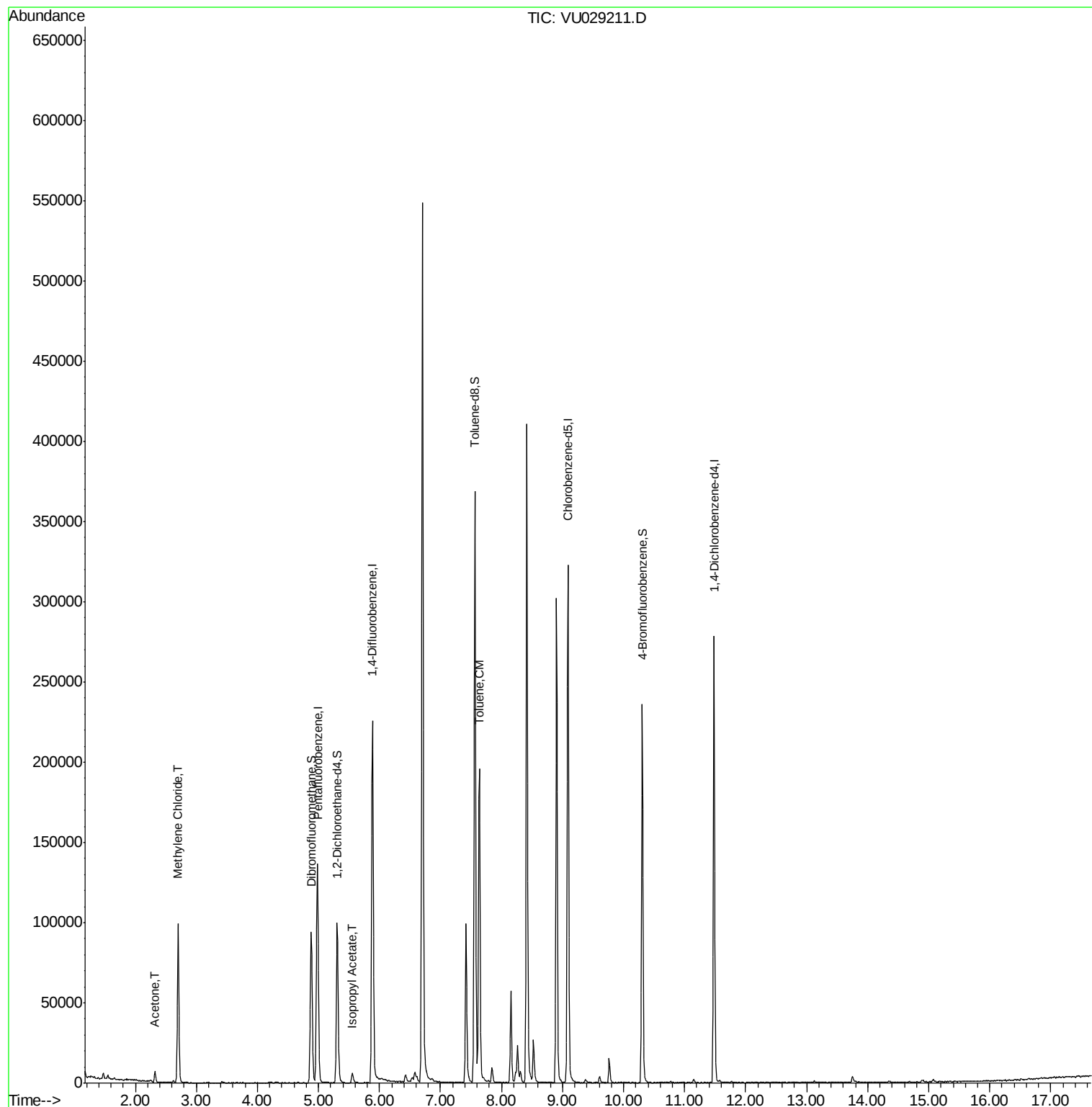
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	196134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76805	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	4.88	113	66928	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	7.56	98	253682	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	10.30	95	82182	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
16) Acetone	2.32	43	7273	8.468	ug/l	100
20) Methylene Chloride	2.70	84	44773	30.703	ug/l	98
43) Isopropyl Acetate	5.55	43	7225	2.189	ug/l #	97
52) Toluene	7.64	92	85198	22.886	ug/l	98

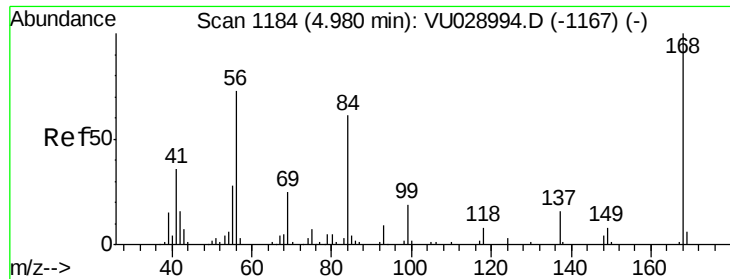
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029211.D

Acq: 16 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

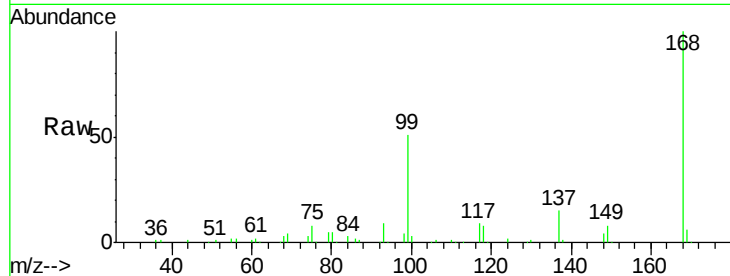
OK-01-011519-A

Tot Ion:168 Resp: 110291

Ion Ratio Lower Upper

168 100

99 50.7 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

50000

40000

30000

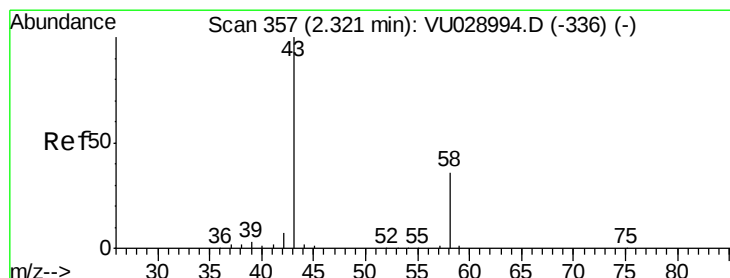
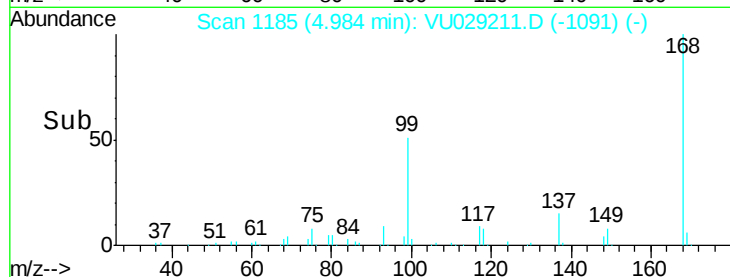
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 8.468 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029211.D

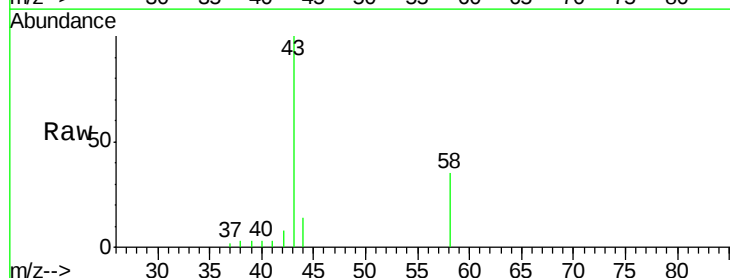
Acq: 16 Jan 2019 15:54

Tgt Ion: 43 Resp: 7273

Ion Ratio Lower Upper

43 100

58 35.5 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

5000

4000

3000

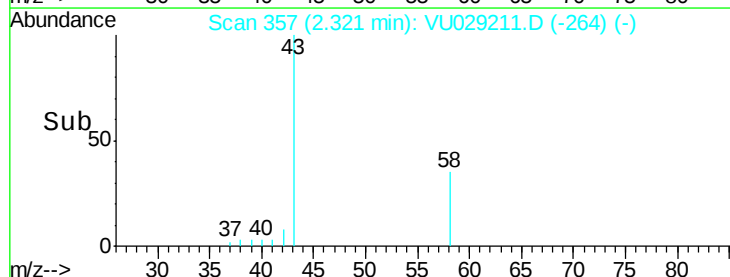
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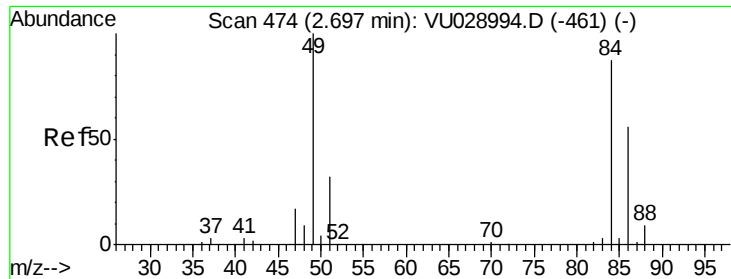
1000

0

2.25 2.30 2.35 2.40

Time-->

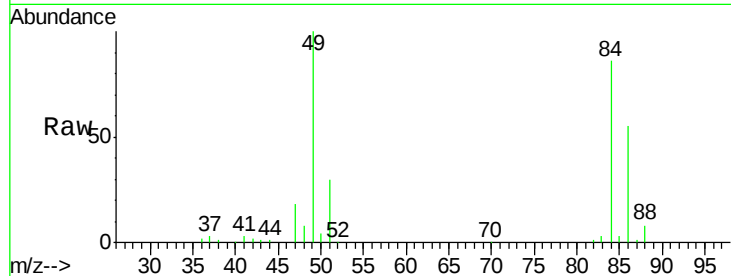




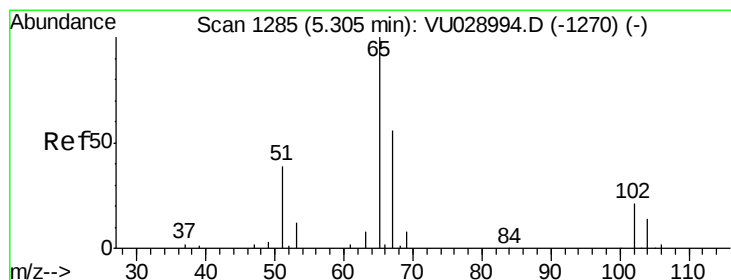
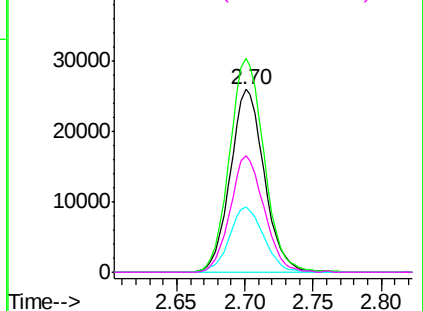
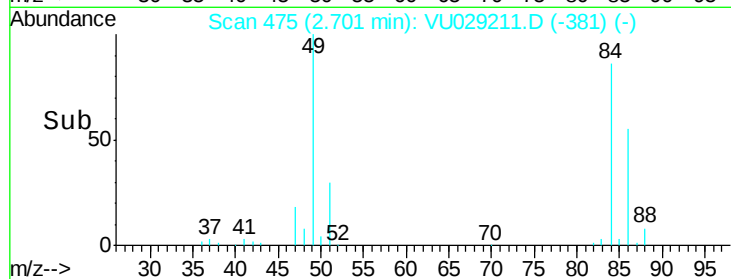
#20
Methvlene Chloride
Concen: 30.703 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tot Ion: 84 Resp: 44773
Ion Ratio Lower Upper
84 100
49 116.9 91.9 137.9
51 35.4 29.2 43.8
86 63.9 51.8 77.6

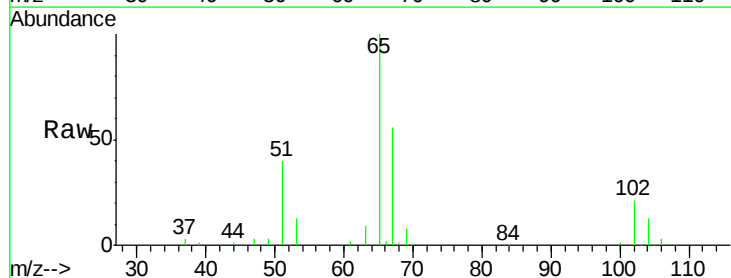


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

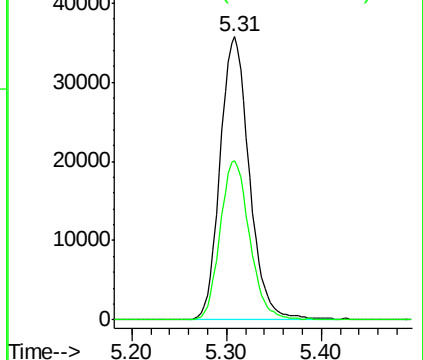
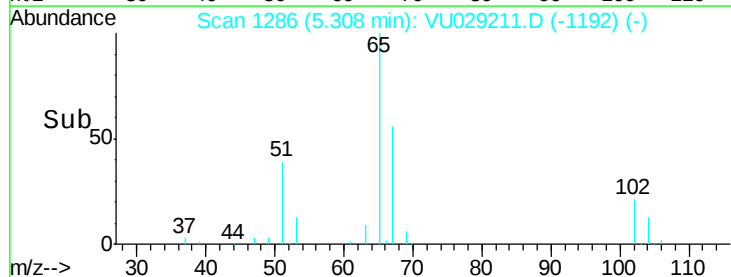


#33
1,2-Dichloroethane-d4
Concen: 56.333 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion: 65 Resp: 76805
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

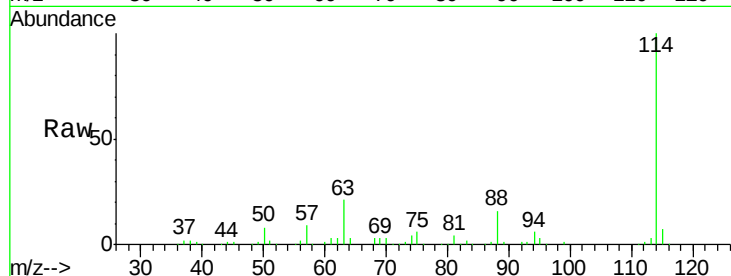




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU029211.D
 Acq: 16 Jan 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-01-011519-A

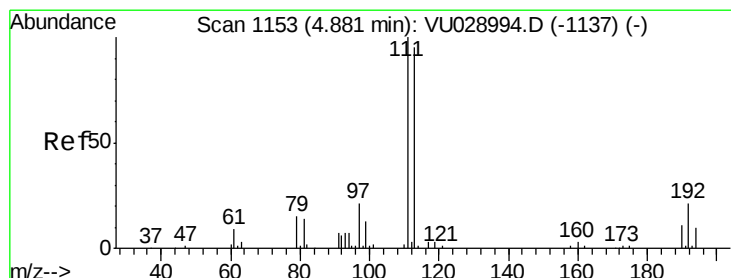
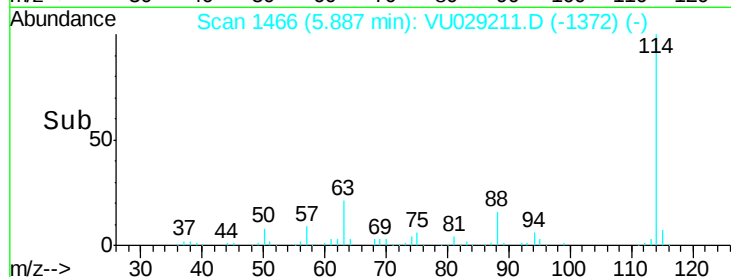
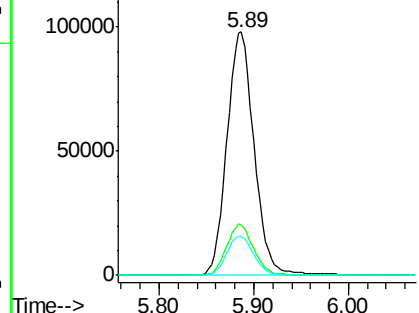
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.2
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

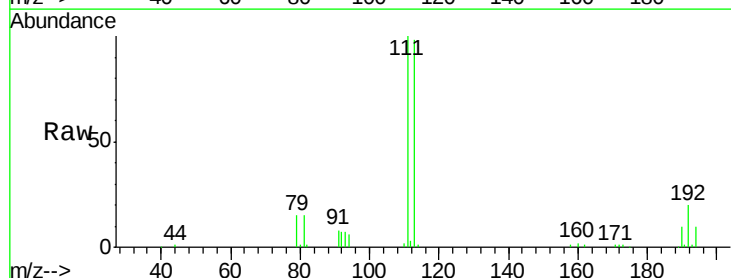
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 52.641 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029211.D
 Acq: 16 Jan 2019 15:54

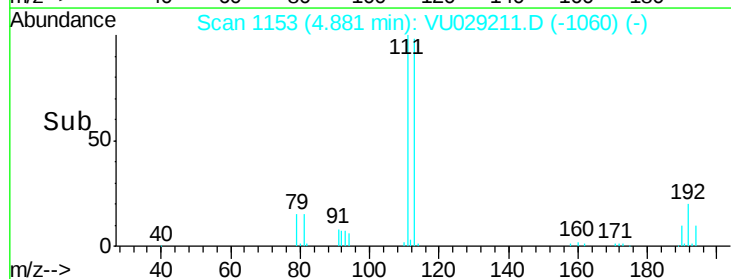
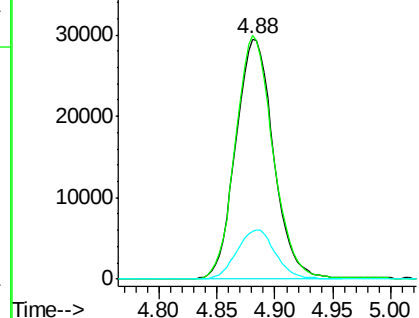
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.4	122.2
192	20.9	16.8	25.2

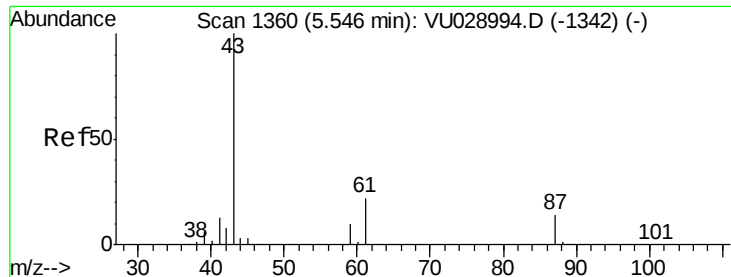


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.189 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029211.D

Acq: 16 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

OK-01-011519-A

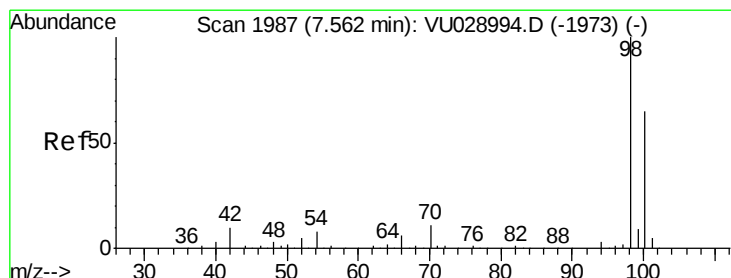
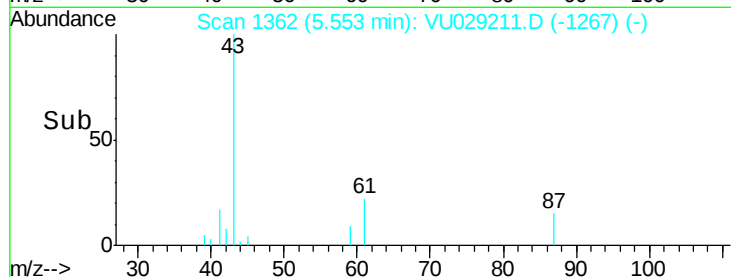
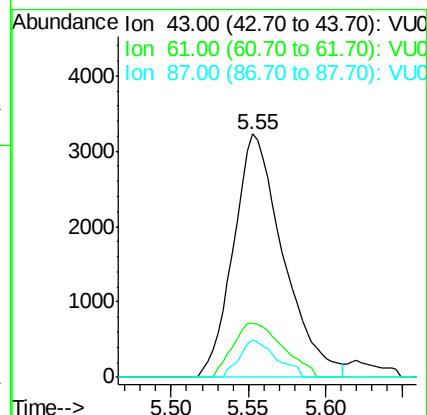
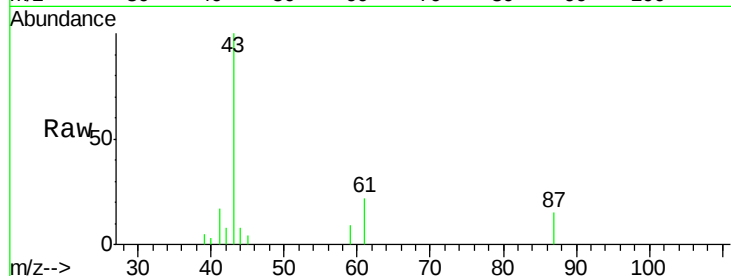
Tot Ion: 43 Resp: 7225

Ion Ratio Lower Upper

43 100

61 22.4 17.8 26.6

87 11.2 11.3 16.9#



#50

Toluene-d8

Concen: 50.541 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029211.D

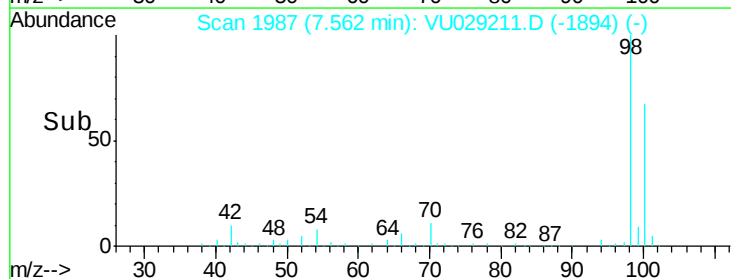
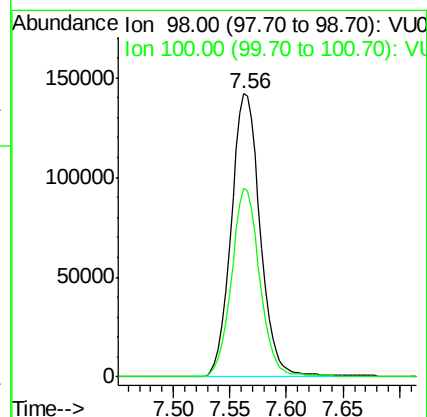
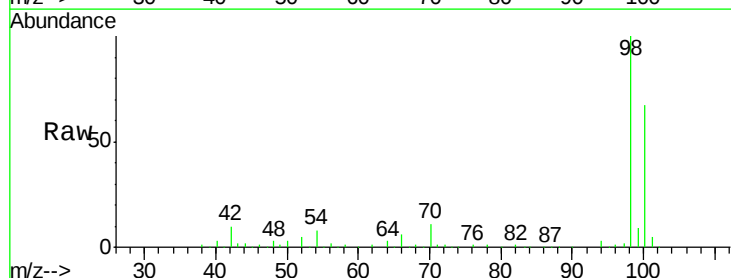
Acq: 16 Jan 2019 15:54

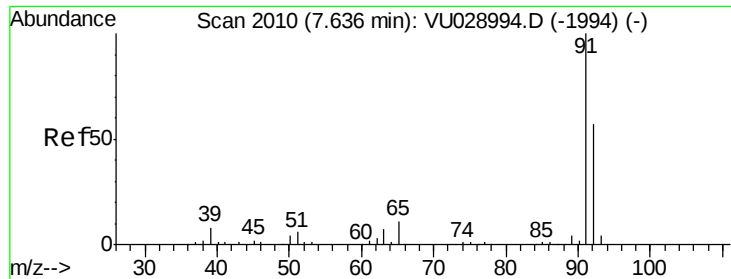
Tgt Ion: 98 Resp: 253682

Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4





#52

Toluene

Concen: 22.886 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029211.D

Acq: 16 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

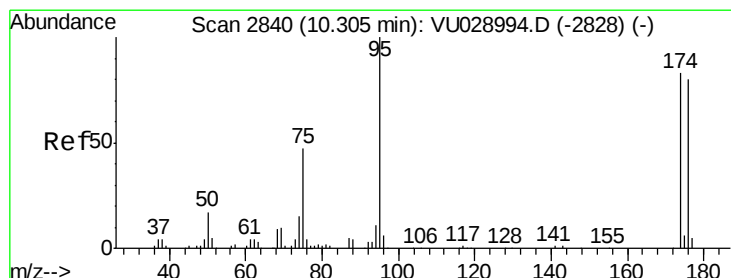
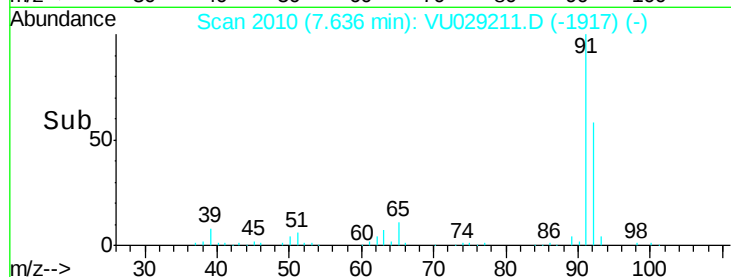
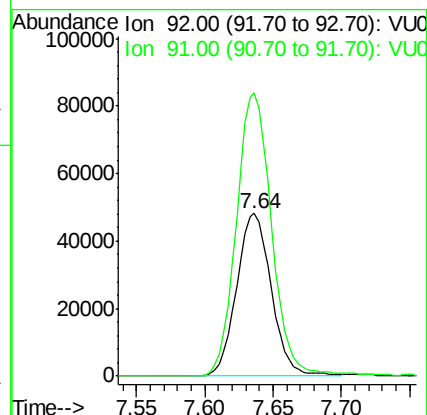
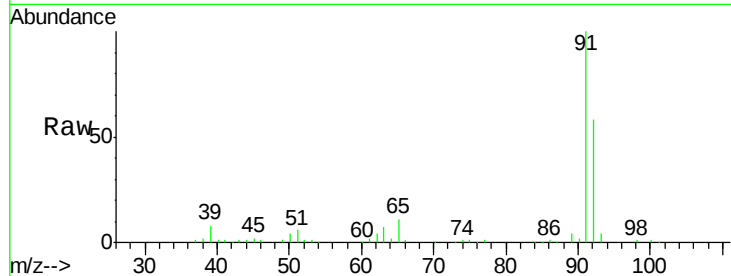
OK-01-011519-A

Tot Ion: 92 Resp: 85198

Ion Ratio Lower Upper

92 100

91 177.9 139.8 209.8



#62

4-Bromofluorobenzene

Concen: 45.559 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029211.D

Acq: 16 Jan 2019 15:54

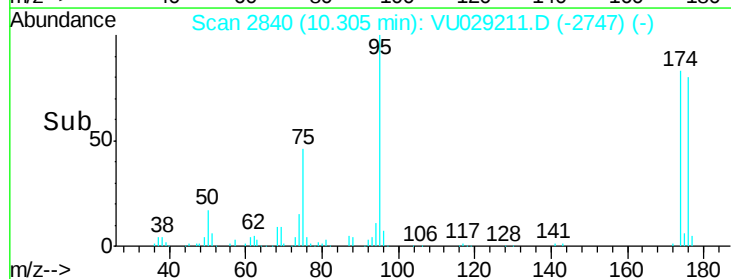
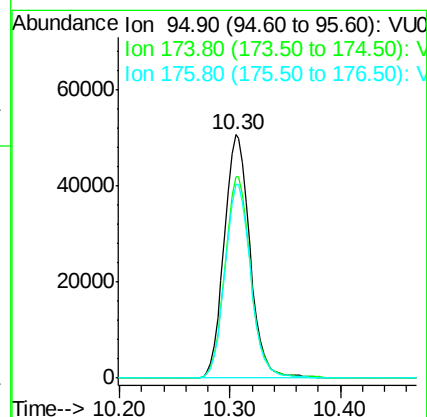
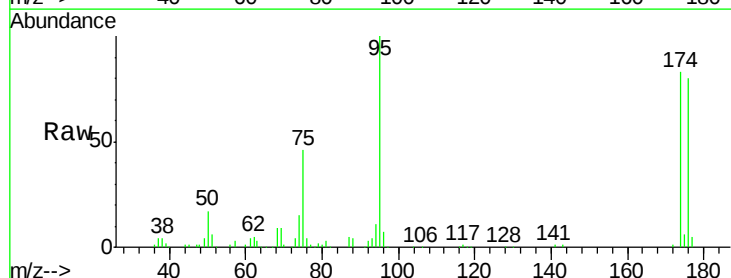
Tgt Ion: 95 Resp: 82182

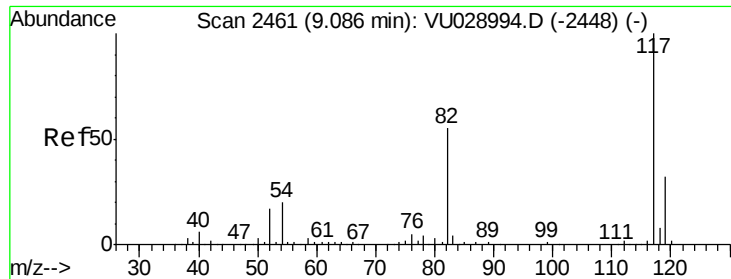
Ion Ratio Lower Upper

95 100

174 82.8 0.0 170.6

176 79.5 0.0 165.0

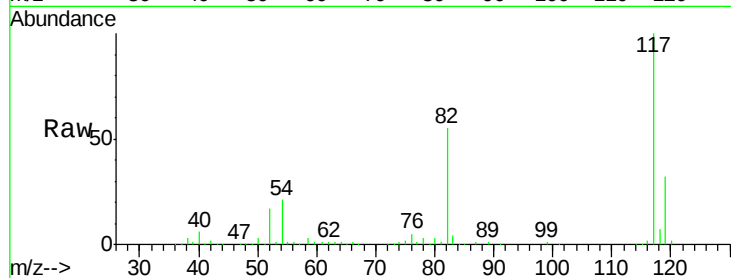




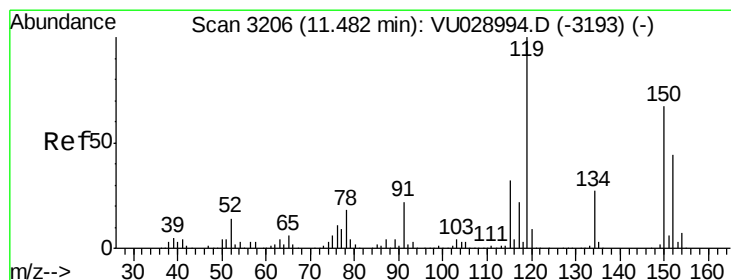
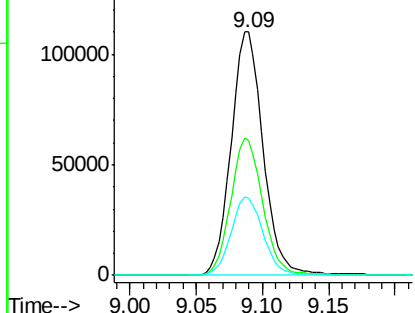
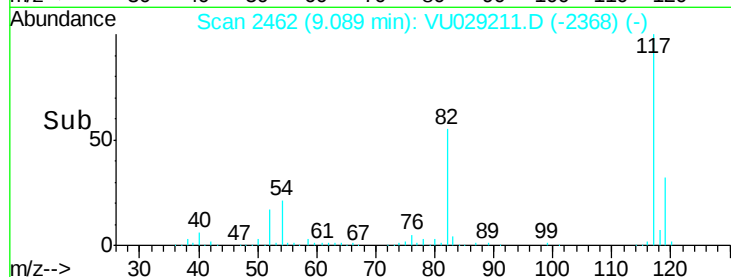
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
OK-01-011519-A

Tot Ion:117 Resp: 184730
Ion Ratio Lower Upper
117 100
82 55.5 43.9 65.9
119 31.8 26.0 39.0

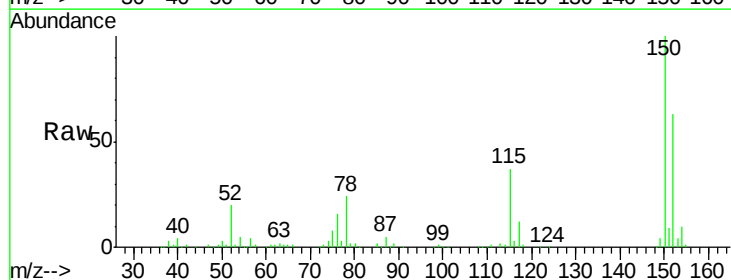


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029211.D
Acq: 16 Jan 2019 15:54

Tgt Ion:152 Resp: 74636
Ion Ratio Lower Upper
152 100
115 57.3 40.1 120.3
150 158.5 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

