

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029200.D
 Acq On : 16 Jan 2019 11:28
 Operator : JC/SP
 Sample : K1147-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2

Quant Time: Jan 17 01:15:12 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

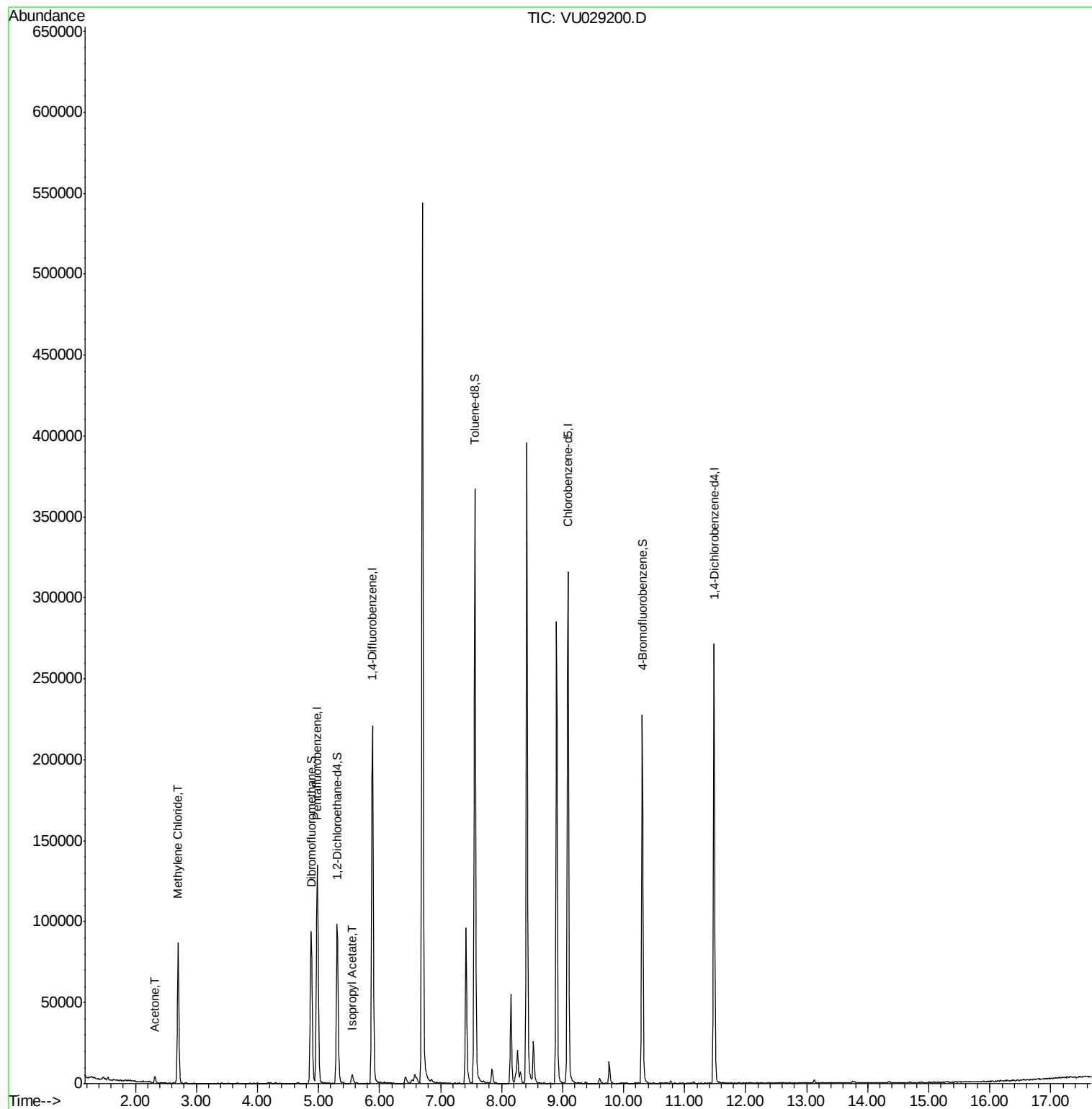
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	109821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192604	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76696	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
35) Dibromofluoromethane	4.88	113	66089	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
50) Toluene-d8	7.56	98	250066	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	10.30	95	77855	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						
16) Acetone	2.32	43	4747	5.551	ug/l	89
20) Methylene Chloride	2.70	84	39640	27.299	ug/l	98
43) Isopropyl Acetate	5.56	43	6965	2.149	ug/l #	95

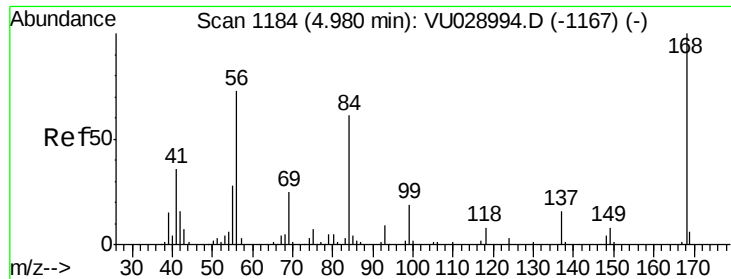
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029200.D

Acq: 16 Jan 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

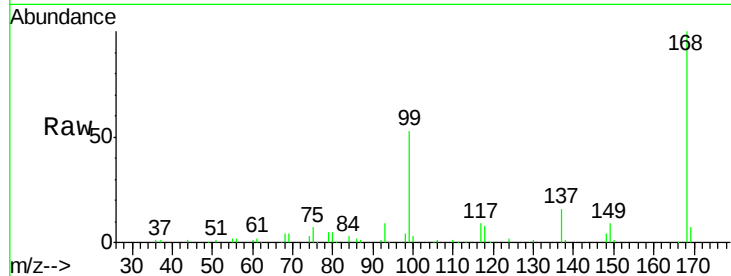
TP-2

Tot Ion:168 Resp: 109821

Ion Ratio Lower Upper

168 100

99 52.7 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

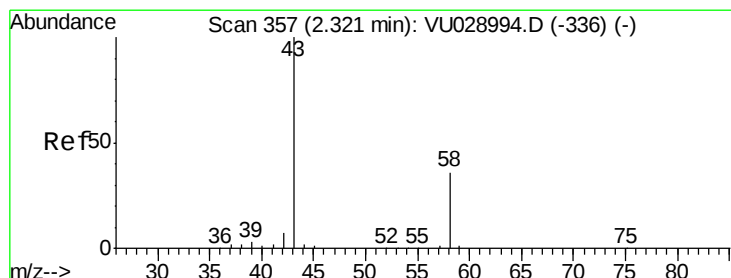
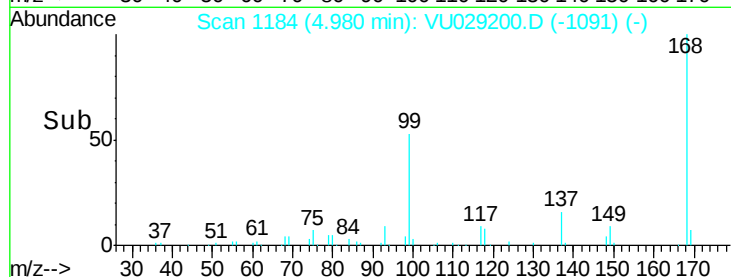
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.551 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029200.D

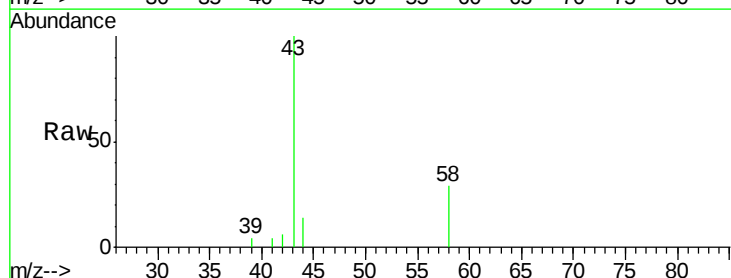
Acq: 16 Jan 2019 11:28

Tgt Ion: 43 Resp: 4747

Ion Ratio Lower Upper

43 100

58 29.0 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

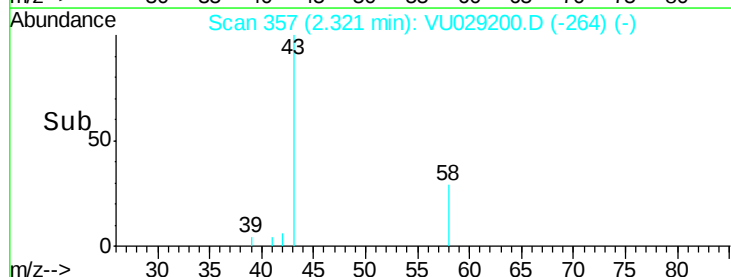
2000

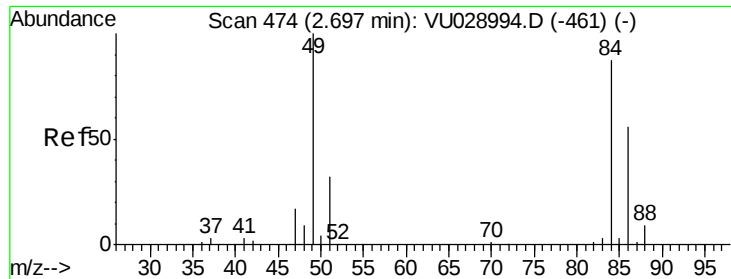
1000

0

2.30 2.35 2.40

Time-->

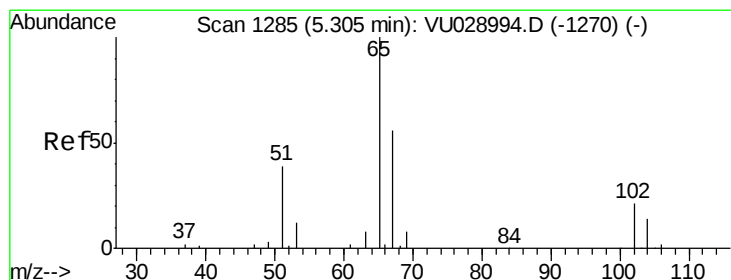
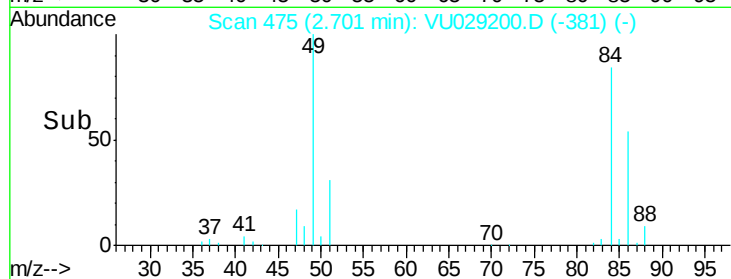
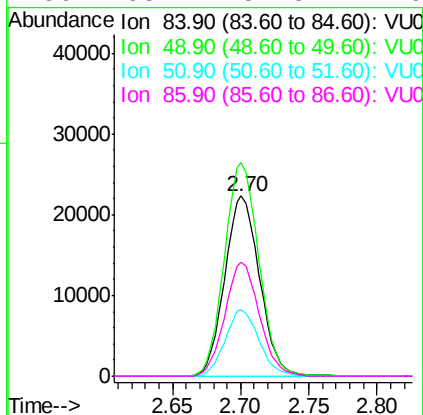
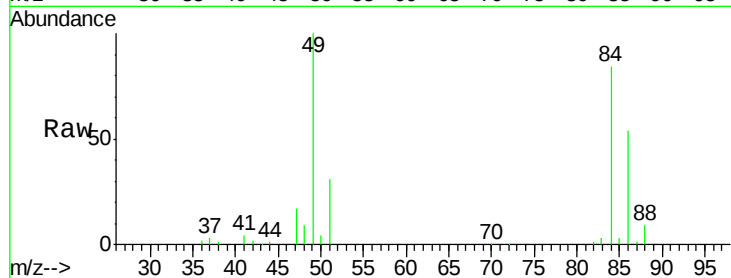




#20
Methvlene Chloride
Concen: 27.299 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029200.D
Acq: 16 Jan 2019 11:28

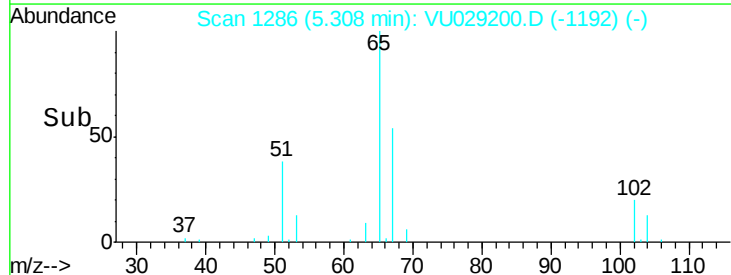
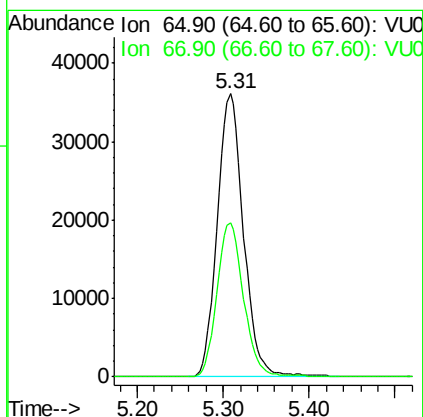
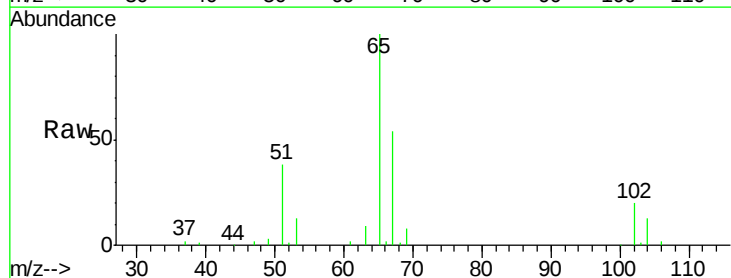
Instrument :
MSVOA_U
ClientSampled :
TP-2

Tot Ion: 84 Resp: 39640
Ion Ratio Lower Upper
84 100
49 118.4 91.9 137.9
51 37.0 29.2 43.8
86 63.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 56.494 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029200.D
Acq: 16 Jan 2019 11:28

Tgt Ion: 65 Resp: 76696
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.0

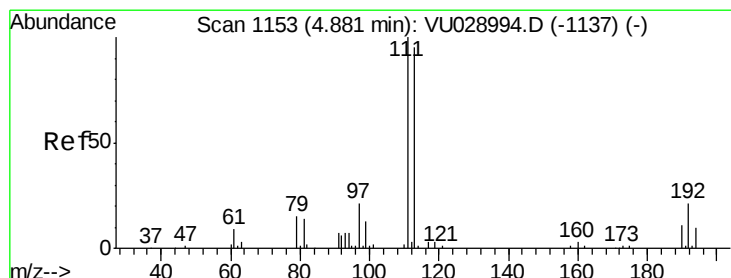
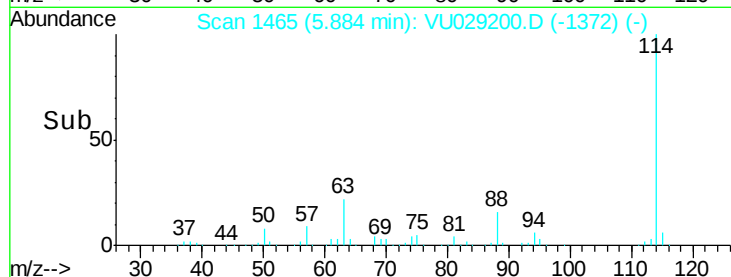
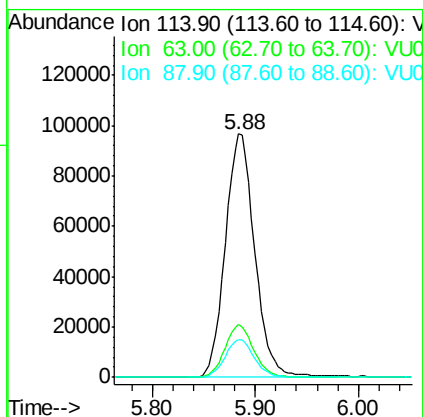
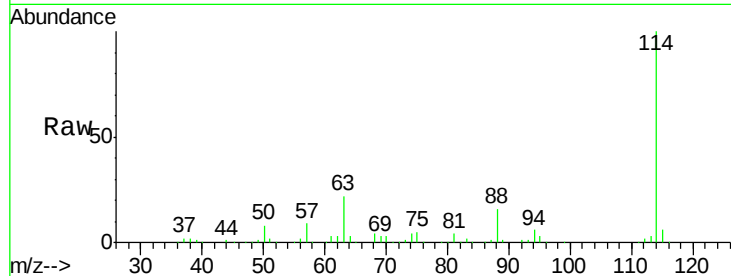




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029200.D
 Acq: 16 Jan 2019 11:28

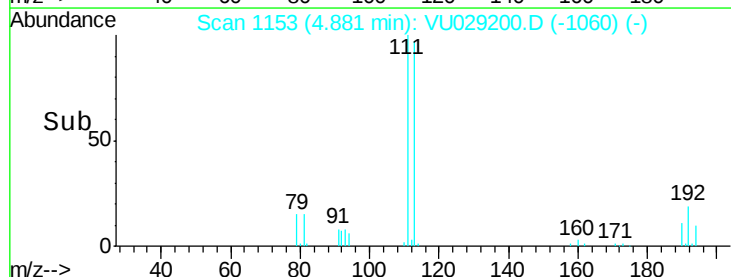
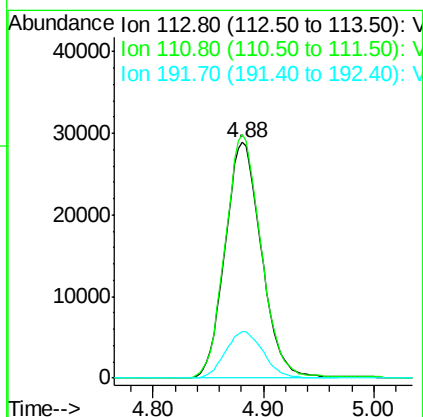
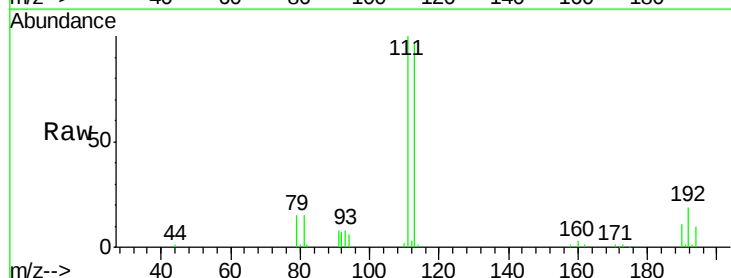
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2

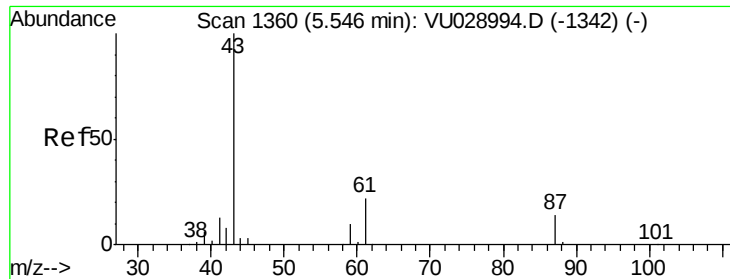
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.2
88	15.7	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 52.934 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU029200.D
 Acq: 16 Jan 2019 11:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	20.4	16.8	25.2





#43

Isopropyl Acetate

Concen: 2.149 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU029200.D

Acq: 16 Jan 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

TP-2

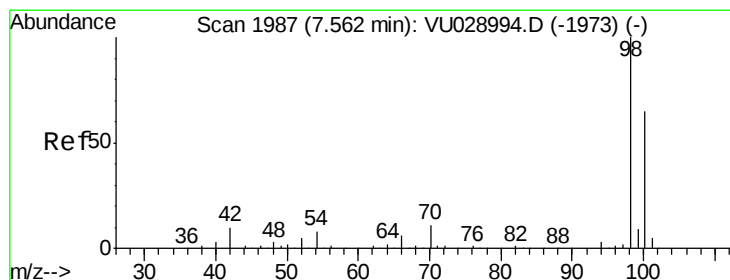
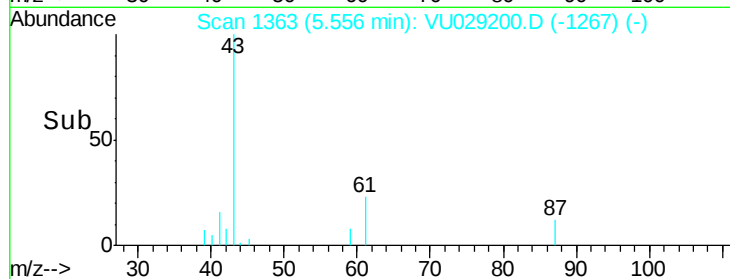
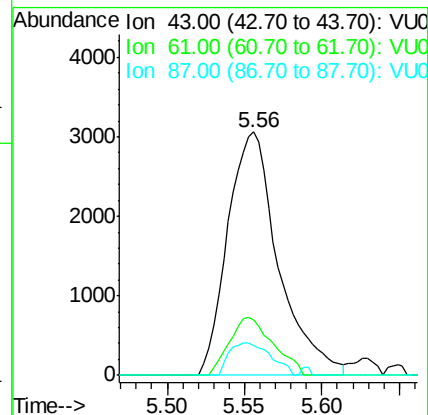
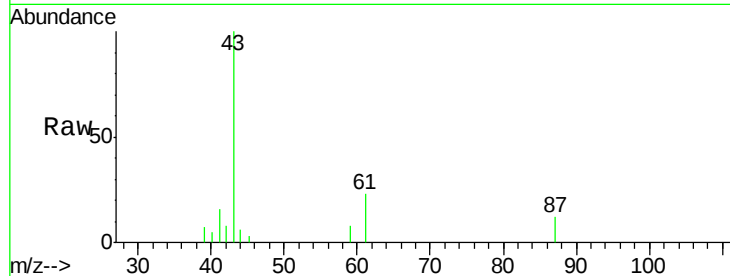
Tot Ion: 43 Resp: 6965

Ion Ratio Lower Upper

43 100

61 20.4 17.8 26.6

87 11.0 11.3 16.9#



#50

Toluene-d8

Concen: 50.734 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU029200.D

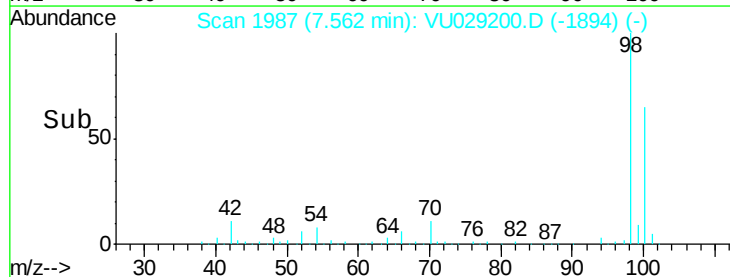
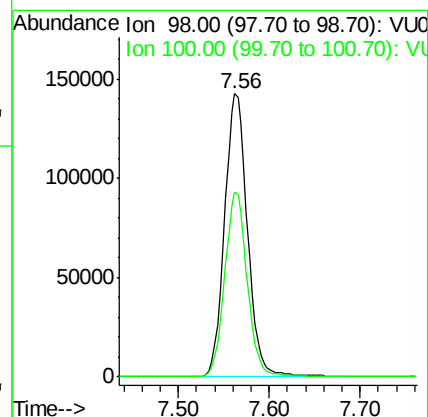
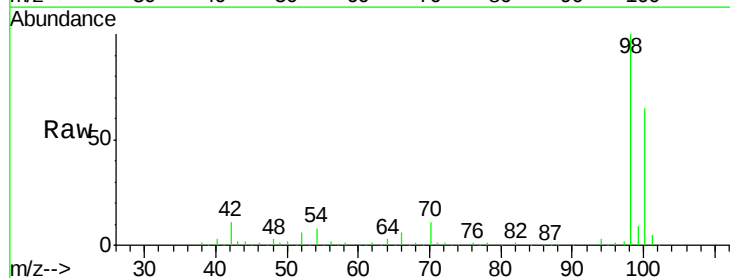
Acq: 16 Jan 2019 11:28

Tgt Ion: 98 Resp: 250066

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 43.951 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029200.D

Acq: 16 Jan 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

TP-2

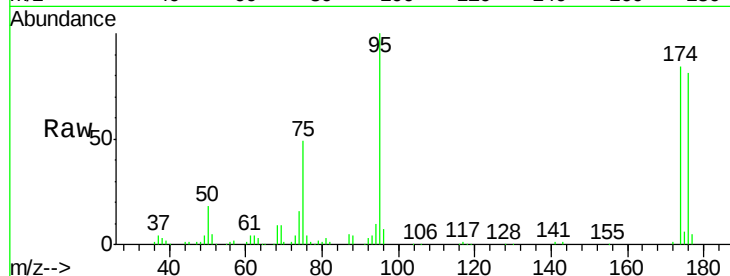
Tot Ion: 95 Resp: 77855

Ion Ratio Lower Upper

95 100

174 85.7 0.0 170.6

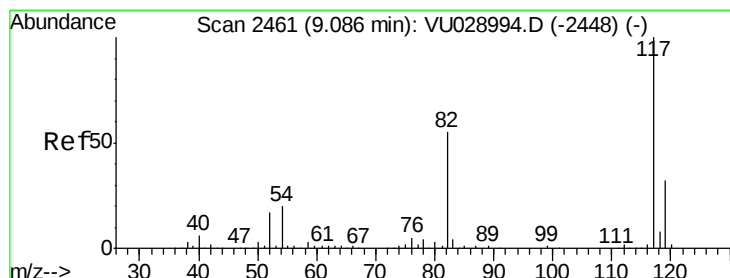
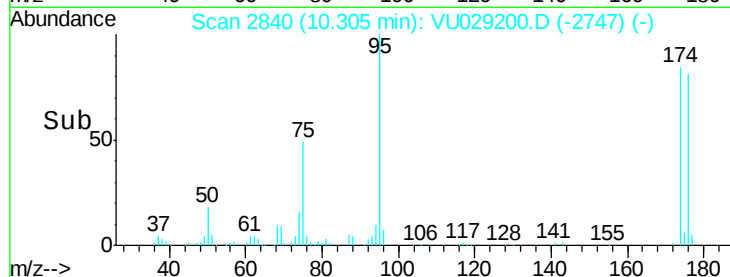
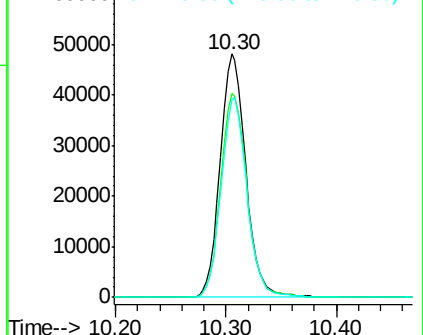
176 82.5 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU029200.D

Acq: 16 Jan 2019 11:28

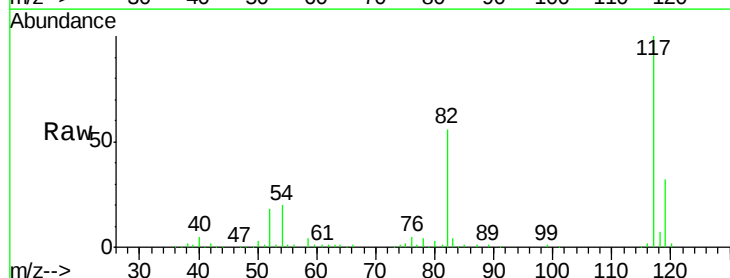
Tgt Ion: 117 Resp: 182808

Ion Ratio Lower Upper

117 100

82 56.4 43.9 65.9

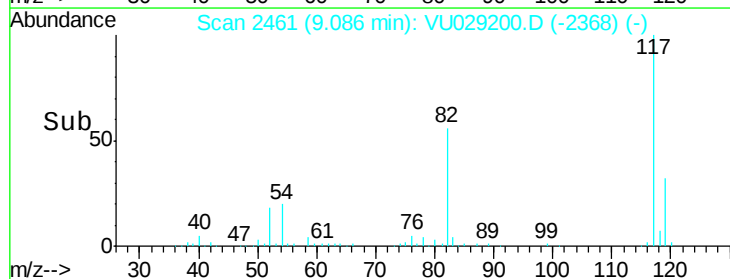
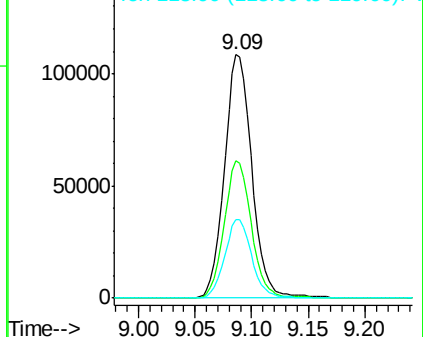
119 32.5 26.0 39.0

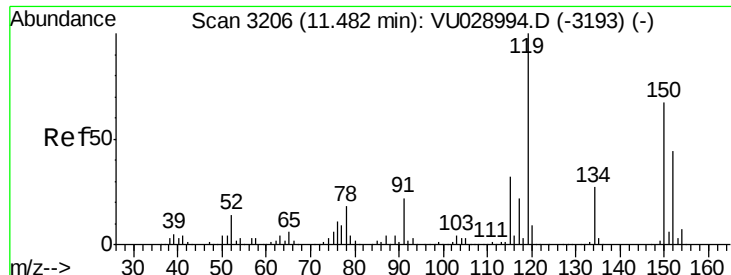


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU029200.D
 Acq: 16 Jan 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 73554
 Ion Ratio Lower Upper
 152 100
 115 56.4 40.1 120.3
 150 154.8 0.0 345.2

