

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034461.D
 Acq On : 10 Sep 2019 19:03
 Operator : JC/SP
 Sample : K4603-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-E4-(0)

Quant Time: Sep 11 07:08:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

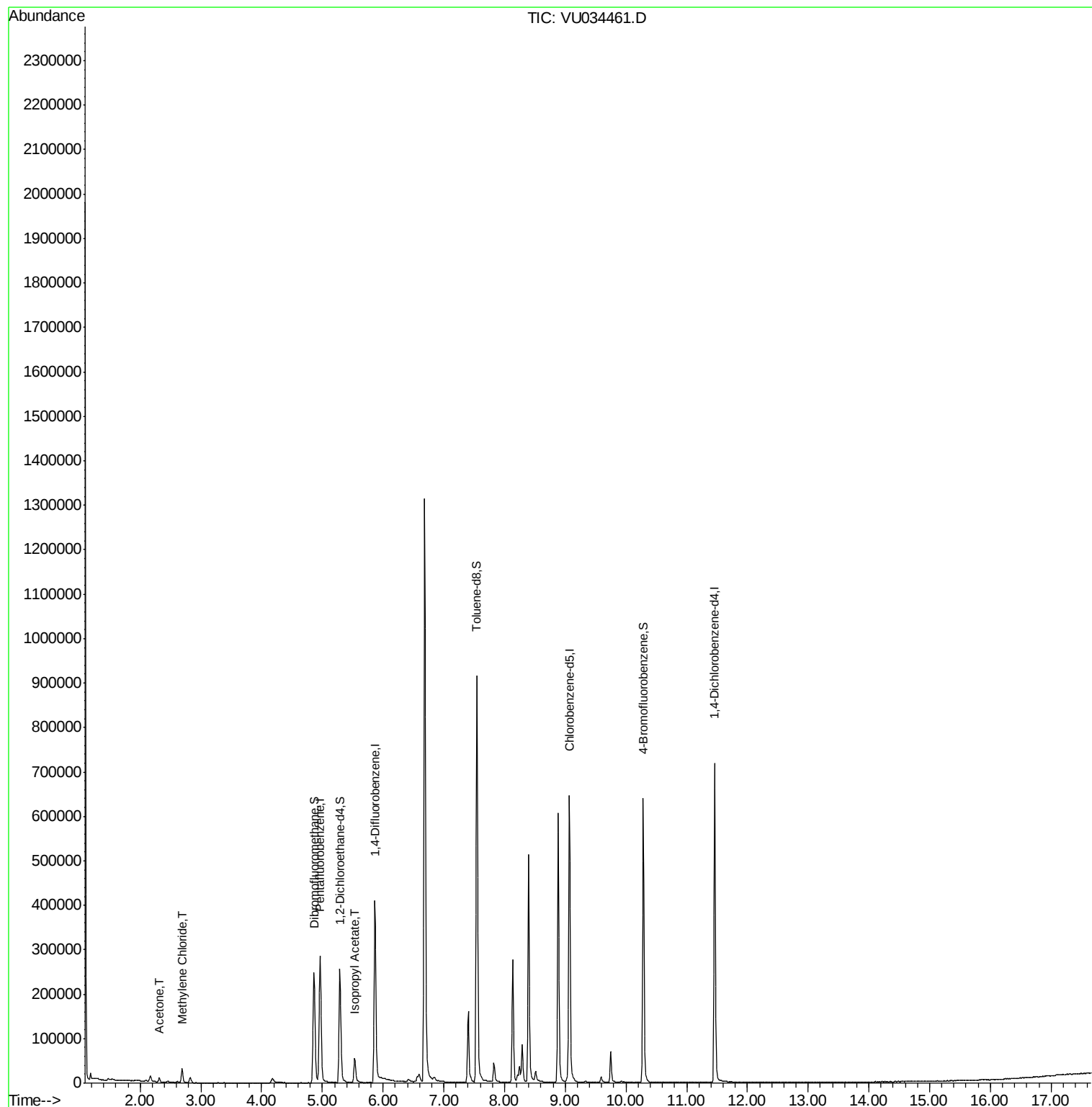
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	235247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	367734	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	382119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	208519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	202076	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
35) Dibromofluoromethane	4.86	113	177433	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	7.55	98	643297	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	10.29	95	217214	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	2.32	43	10945	5.942	ug/l	100
20) Methylene Chloride	2.69	84	14405	4.410	ug/l	96
43) Isopropyl Acetate	5.53	43	63873	8.683	ug/l	99

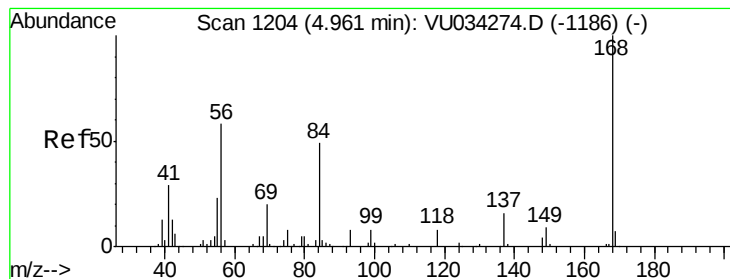
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034461.D

Acq: 10 Sep 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

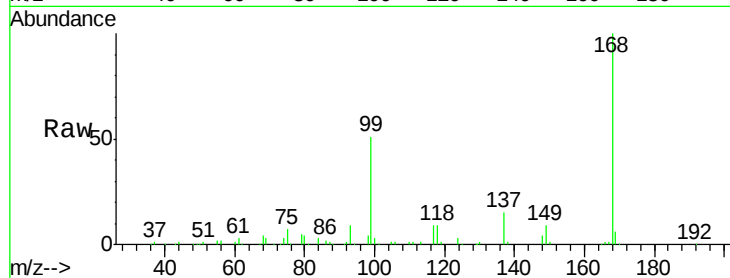
PAR-E4-(0)

Tot Ion:168 Resp: 235247

Ion Ratio Lower Upper

168 100

99 51.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034461.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034461.D (-1111) (-)

4.96

120000

100000

80000

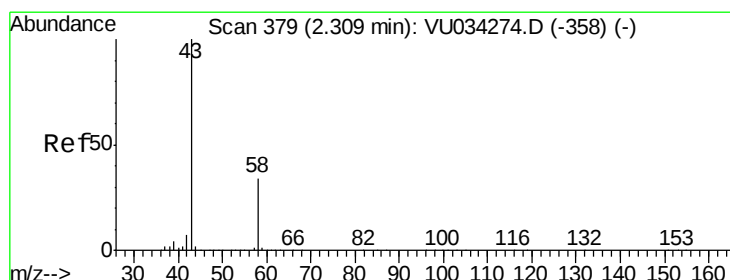
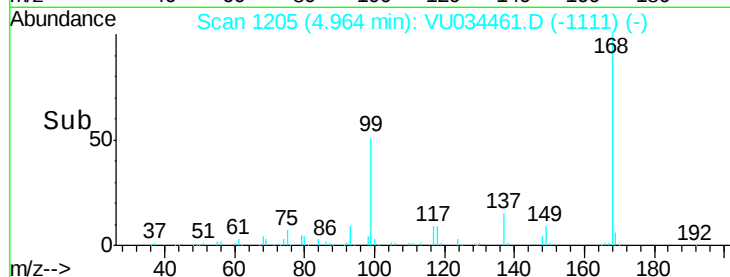
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.942 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034461.D

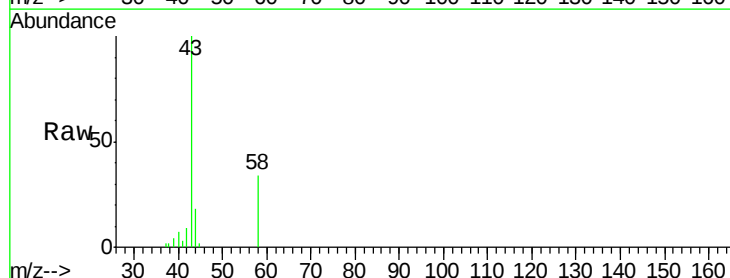
Acq: 10 Sep 2019 19:03

Tgt Ion: 43 Resp: 10945

Ion Ratio Lower Upper

43 100

58 34.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034461.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034461.D (-286) (-)

2.32

8000

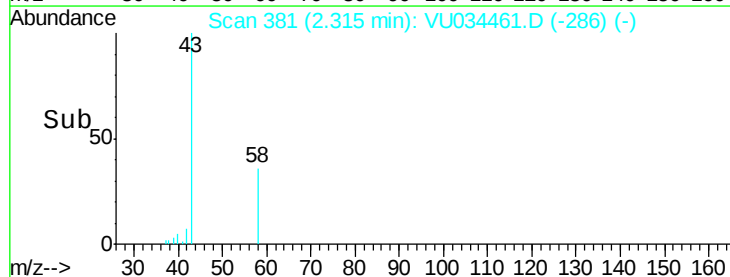
6000

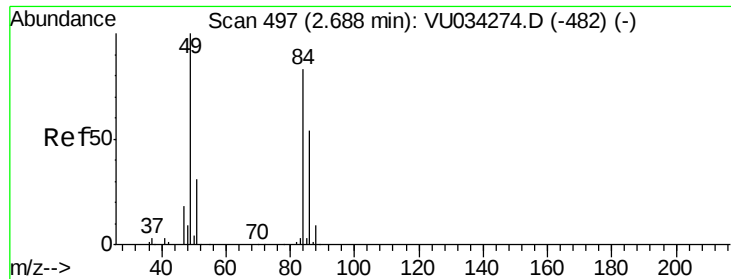
4000

2000

0

Time-->

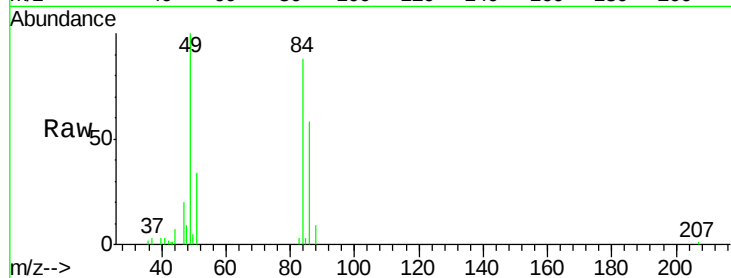




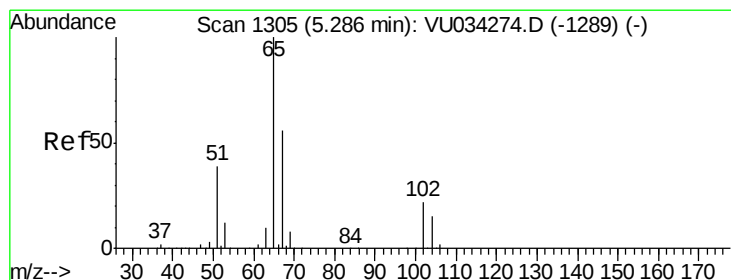
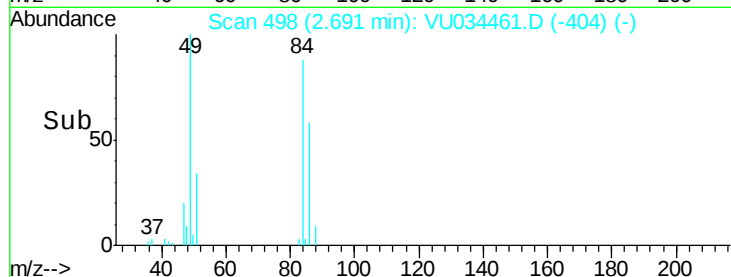
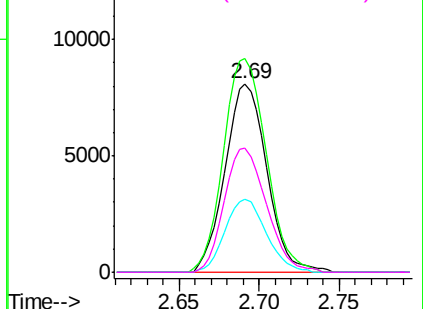
#20
Methvlene Chloride
Concen: 4.410 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034461.D
Acq: 10 Sep 2019 19:03

Instrument :
MSVOA_U
ClientSampleId :
PAR-E4-(0)

Tot Ion: 84 Resp: 14405
Ion Ratio Lower Upper
84 100
49 113.2 96.0 144.0
51 38.8 30.0 45.0
86 66.0 51.4 77.0

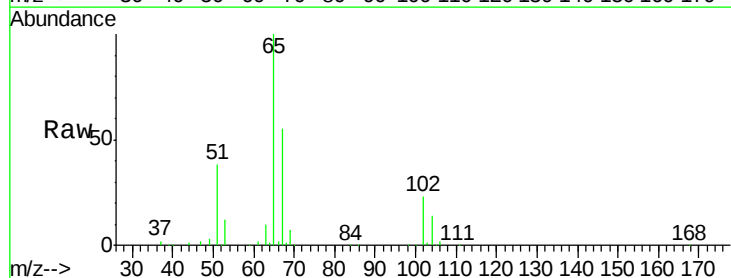


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

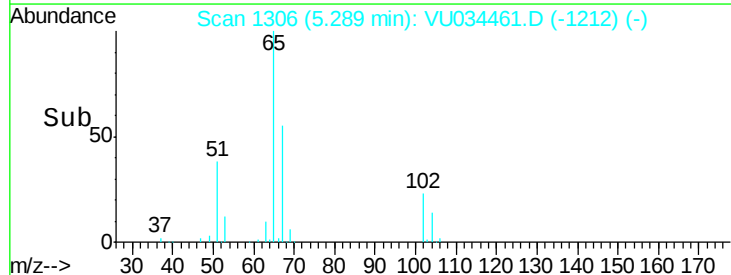
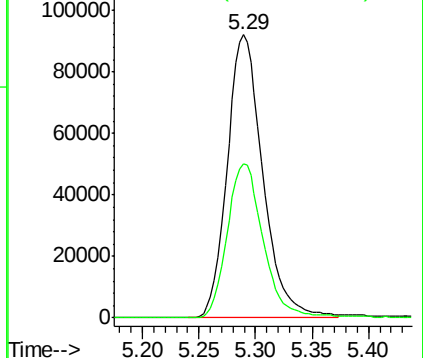


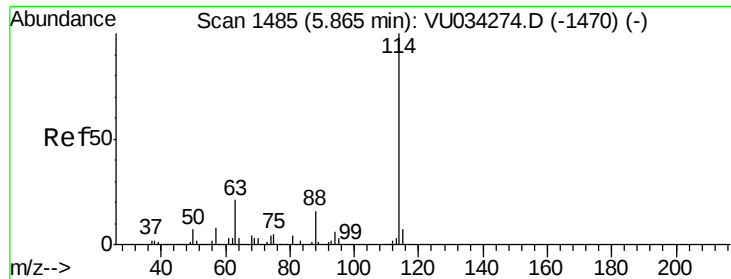
#33
1,2-Dichloroethane-d4
Concen: 56.773 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034461.D
Acq: 10 Sep 2019 19:03

Tgt Ion: 65 Resp: 202076
Ion Ratio Lower Upper
65 100
67 55.4 0.0 112.4



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

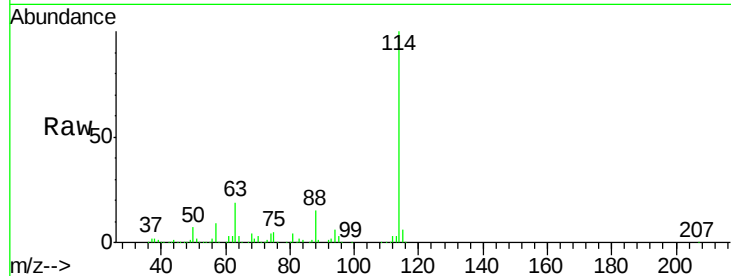




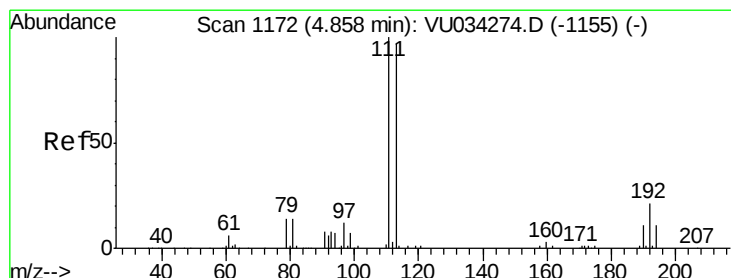
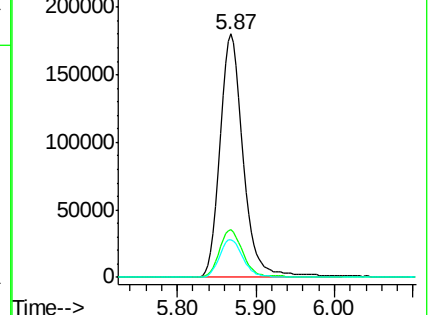
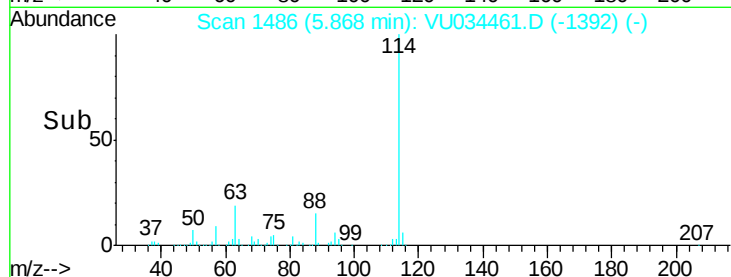
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034461.D
 Acq: 10 Sep 2019 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-E4-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	15.4	0.0	32.4

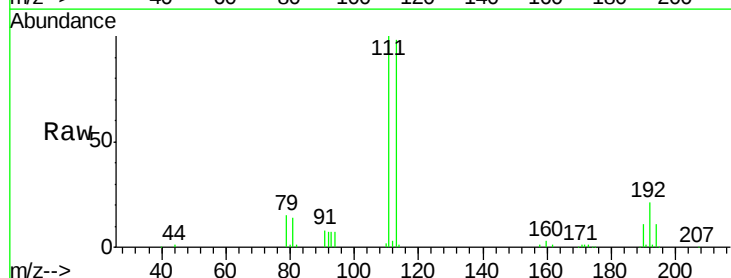


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

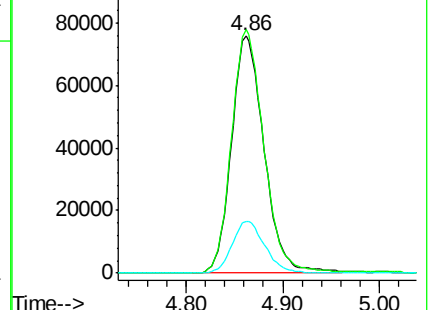
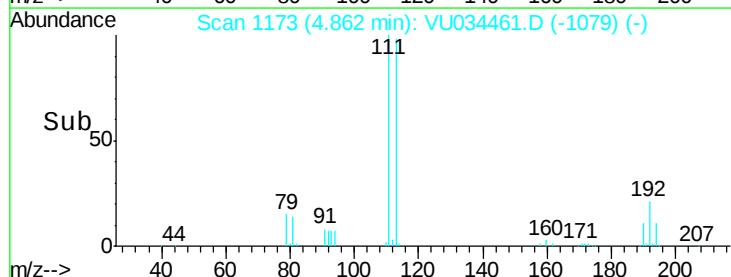


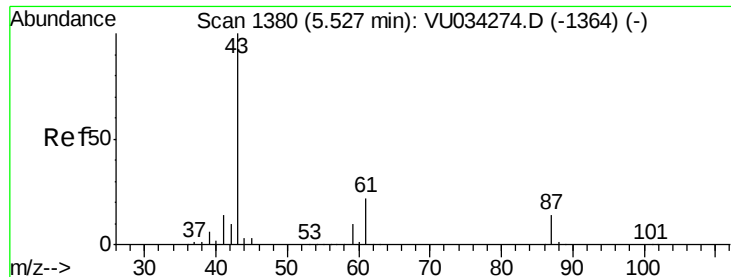
#35
 Dibromofluoromethane
 Concen: 51.854 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034461.D
 Acq: 10 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	22.0	17.8	26.8



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

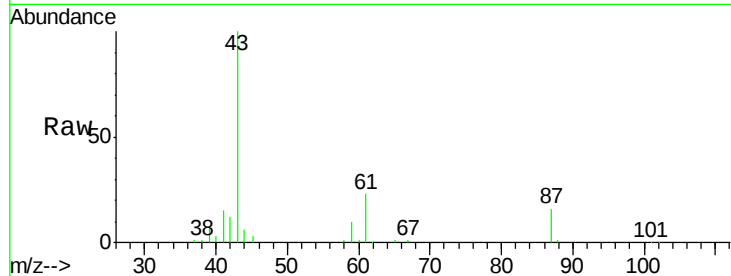




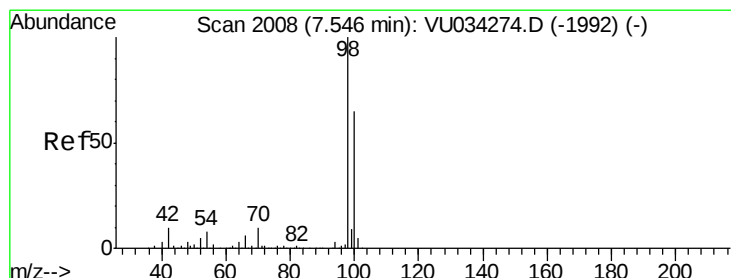
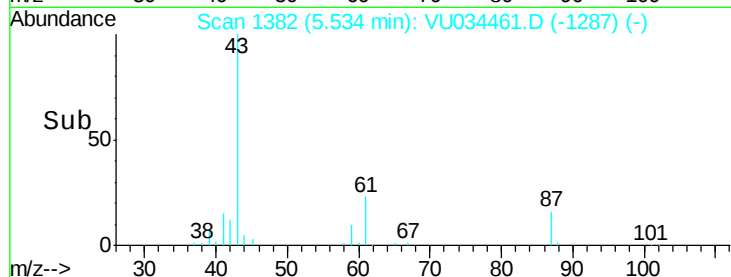
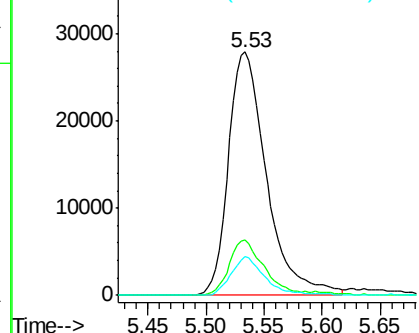
#43
Isopropyl Acetate
Concen: 8.683 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034461.D
Acq: 10 Sep 2019 19:03

Instrument :
MSVOA_U
ClientSampleId :
PAR-E4-(0)

Tot Ion: 43 Resp: 63873
Ion Ratio Lower Upper
43 100
61 21.7 17.1 25.7
87 14.1 11.1 16.7

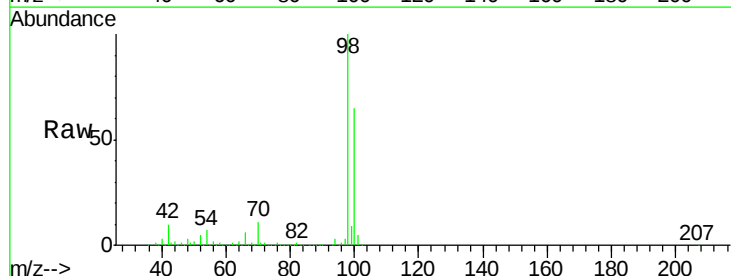


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

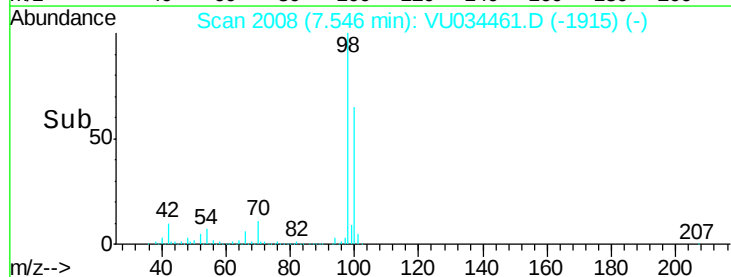
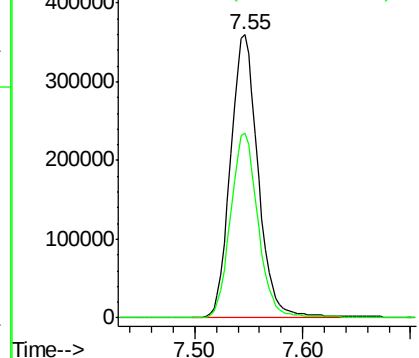


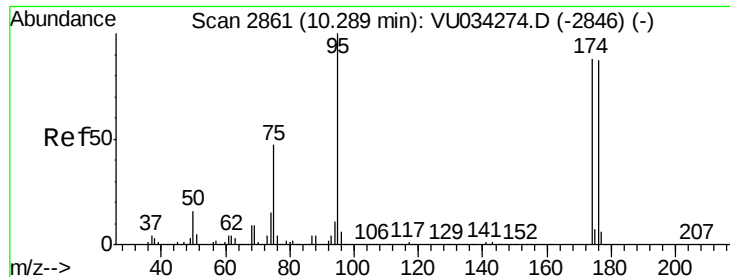
#50
Toluene-d8
Concen: 50.040 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034461.D
Acq: 10 Sep 2019 19:03

Tgt Ion: 98 Resp: 643297
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 43.762 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034461.D

Acq: 10 Sep 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

PAR-E4-(0)

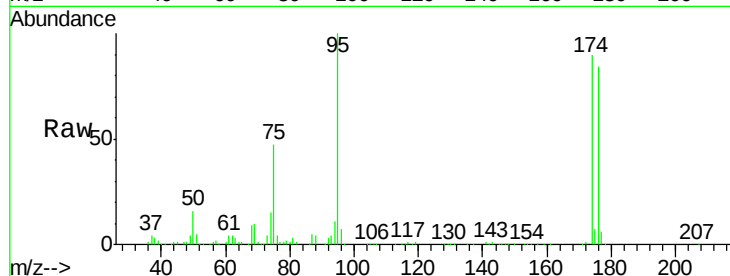
Tot Ion: 95 Resp: 217214

Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.2

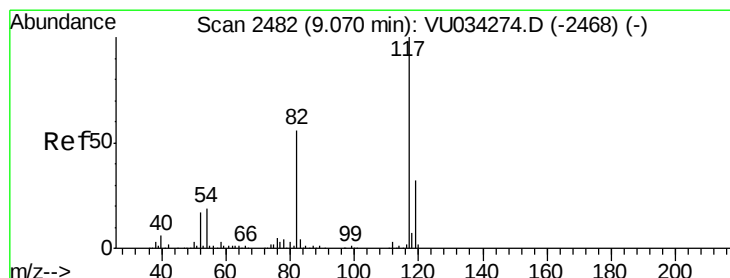
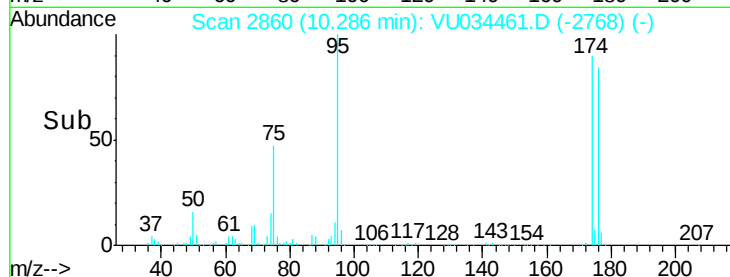
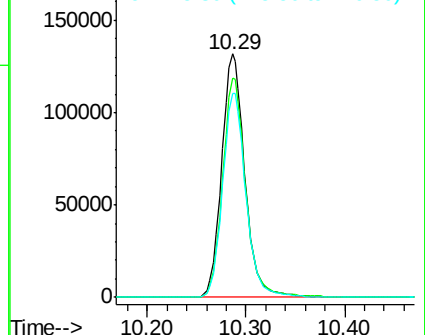
176 84.3 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034461.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034461.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034461.D (-2846) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034461.D

Acq: 10 Sep 2019 19:03

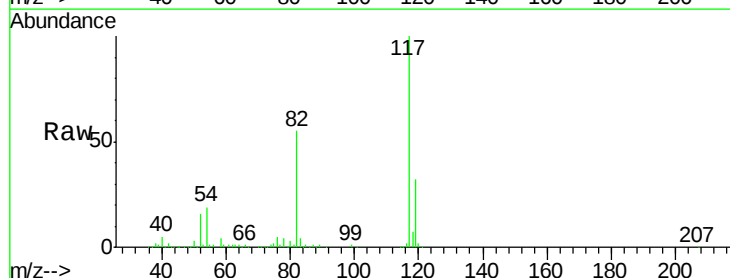
Tgt Ion: 117 Resp: 382119

Ion Ratio Lower Upper

117 100

82 55.4 44.6 67.0

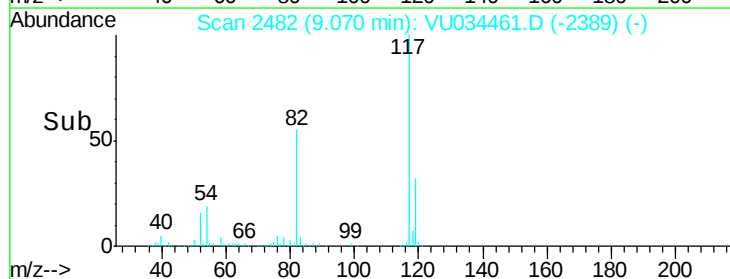
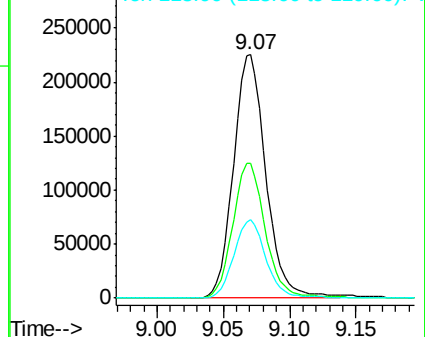
119 32.1 25.9 38.9

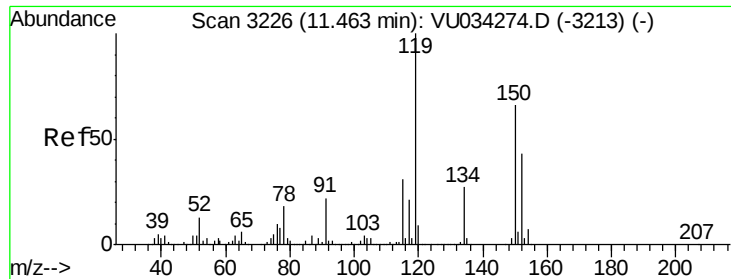


Abundance Ion 116.90 (116.60 to 117.60): VU034461.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034461.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034461.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034461.D

Acq: 10 Sep 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

PAR-E4-(0)

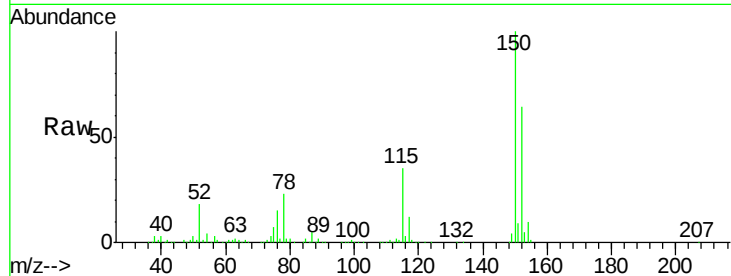
Tot Ion:152 Resp: 208519

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 157.3 0.0 345.4



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

