

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034040.D
 Acq On : 28 Aug 2019 21:57
 Operator : JC/SP
 Sample : K4525-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A4-(1.9)

Quant Time: Aug 29 05:22:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

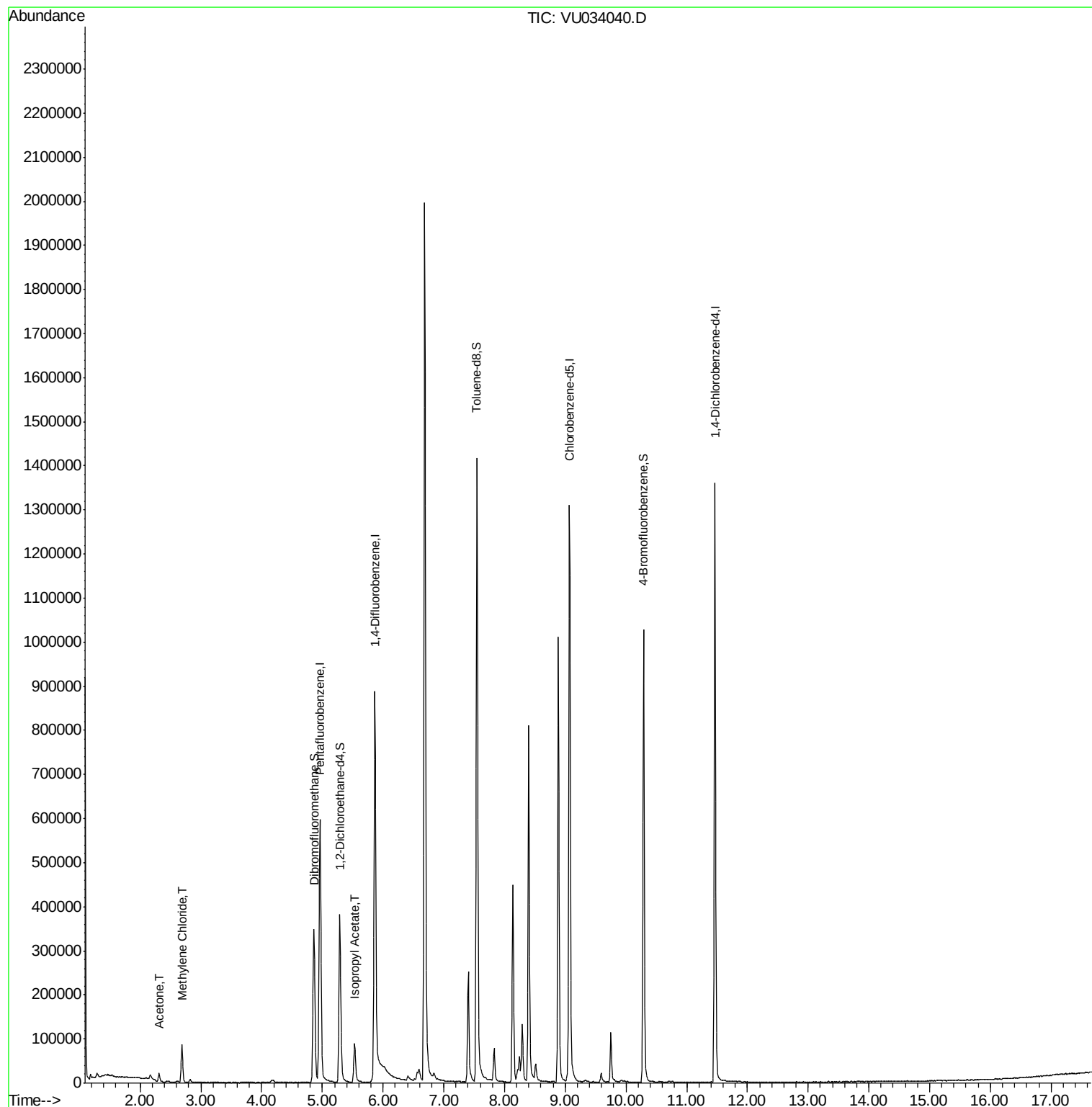
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	480399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	783895	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	763914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	375744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	304482	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	4.86	113	249924	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	7.55	98	997167	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	10.29	95	354113	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
16) Acetone	2.31	43	19965	6.357	ug/l	96
20) Methylene Chloride	2.69	84	38619	6.495	ug/l	99
43) Isopropyl Acetate	5.53	43	104098	8.241	ug/l	98

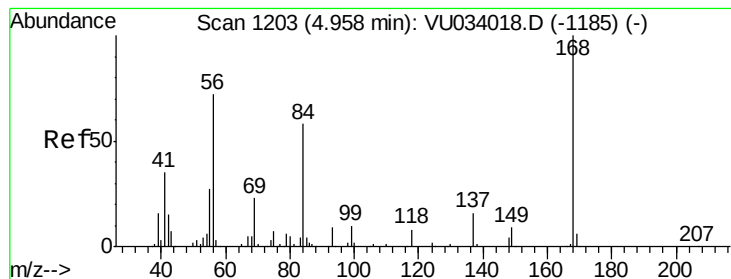
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034040.D

Acq: 28 Aug 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

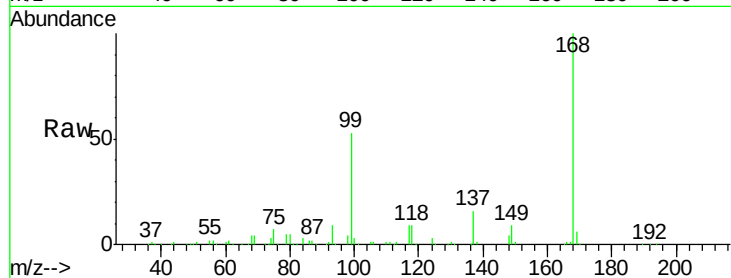
T9-12-13-A4-(1.9)

Tot Ion:168 Resp: 480399

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034040.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034040.D (-1185) (-)

4.96

250000

200000

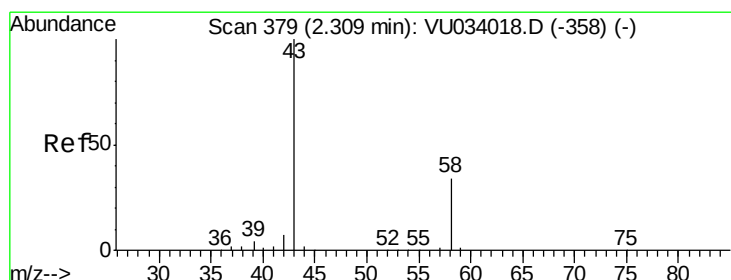
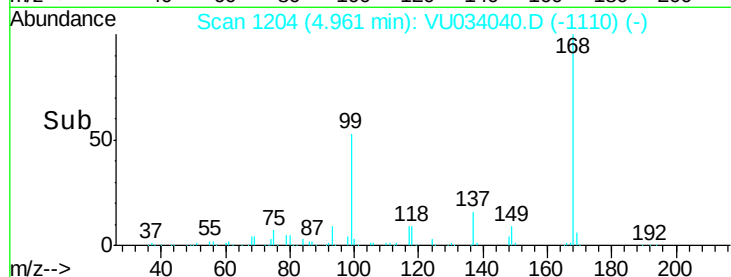
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.357 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034040.D

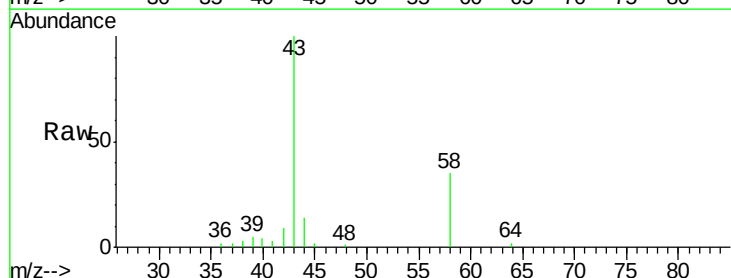
Acq: 28 Aug 2019 21:57

Tgt Ion: 43 Resp: 19965

Ion Ratio Lower Upper

43 100

58 35.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034040.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034040.D (-286) (-)

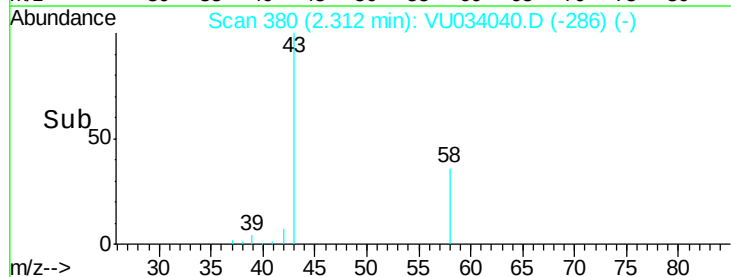
2.31

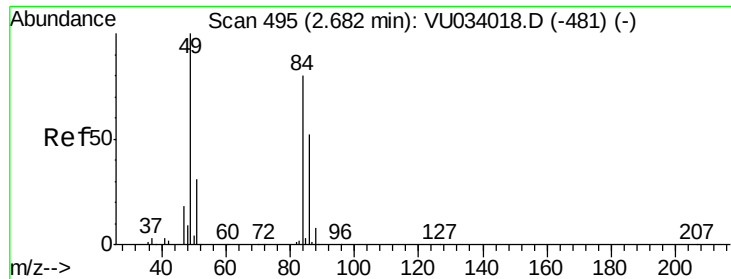
10000

5000

0

Time-->

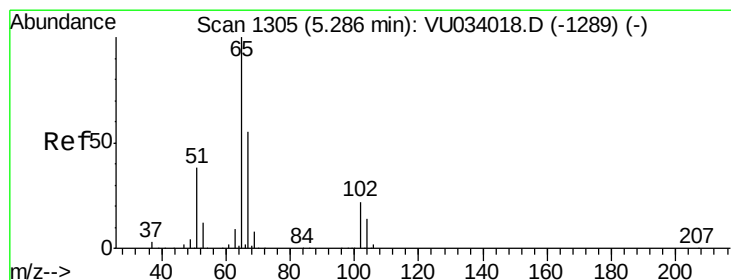
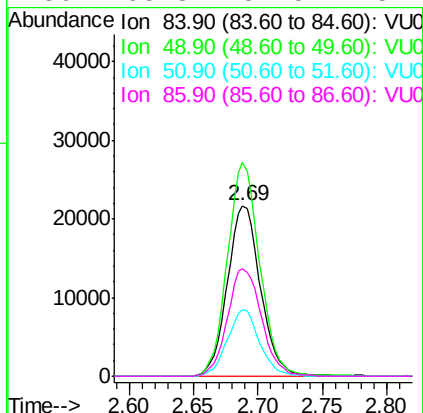
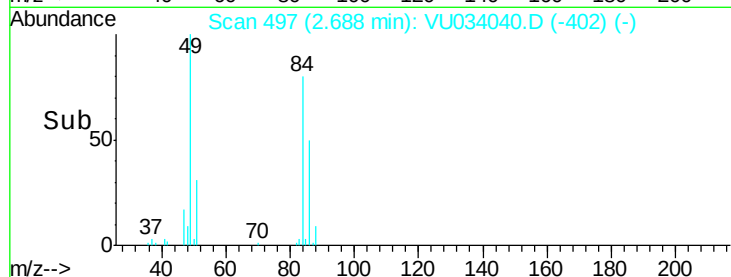
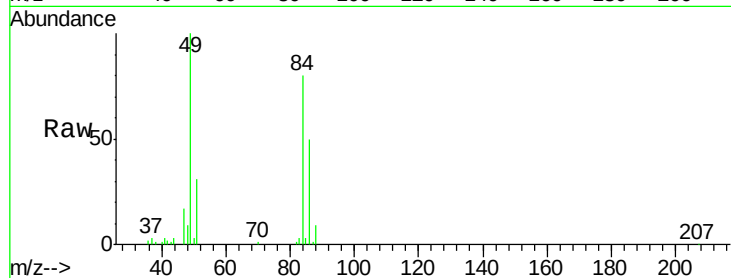




#20
Methylene Chloride
Concen: 6.495 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034040.D
Acq: 28 Aug 2019 21:57

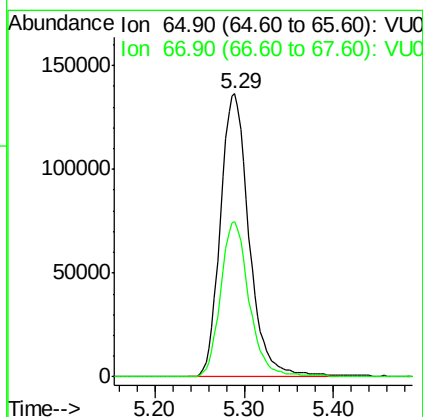
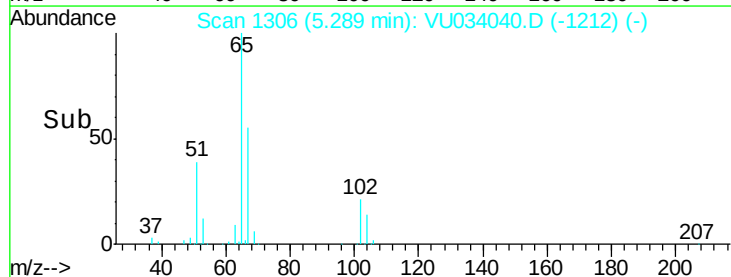
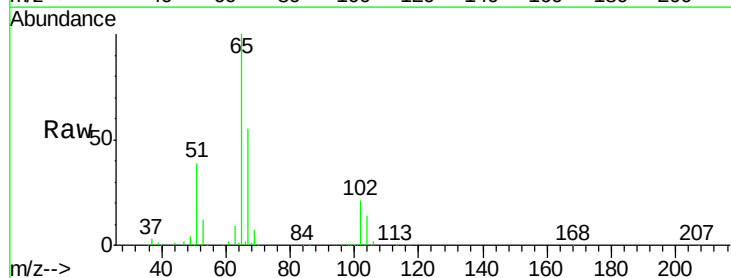
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-A4-(1.9)

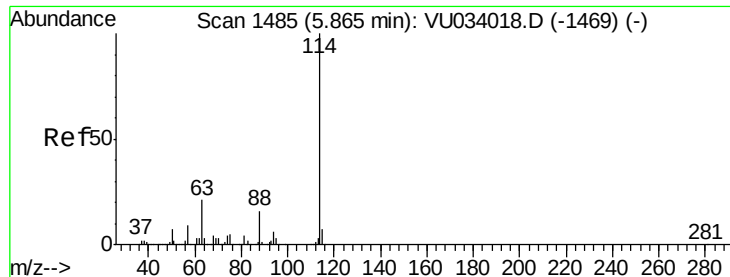
Tot Ion: 84 Resp: 38619
Ion Ratio Lower Upper
84 100
49 125.3 100.2 150.4
51 39.1 30.8 46.2
86 63.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.465 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034040.D
Acq: 28 Aug 2019 21:57

Tgt Ion: 65 Resp: 304482
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6

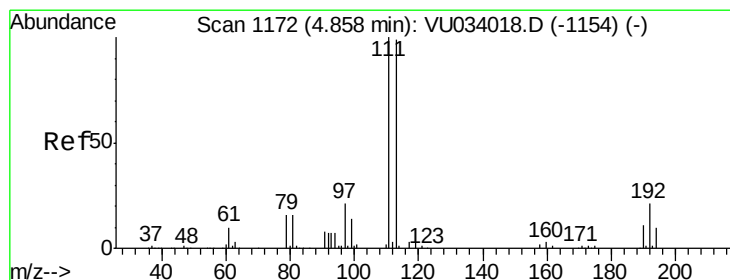
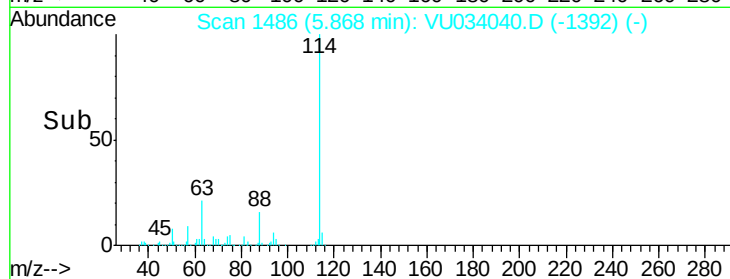
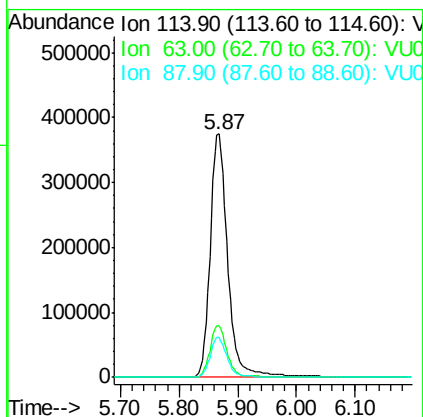
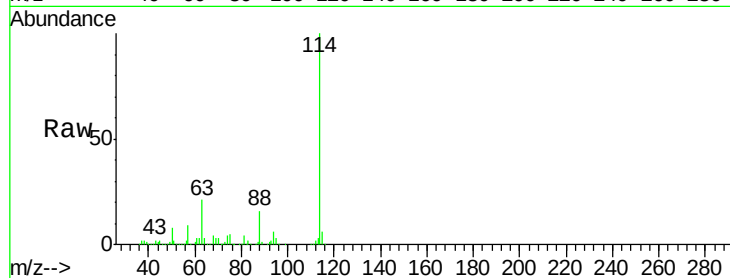




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034040.D
 Acq: 28 Aug 2019 21:57

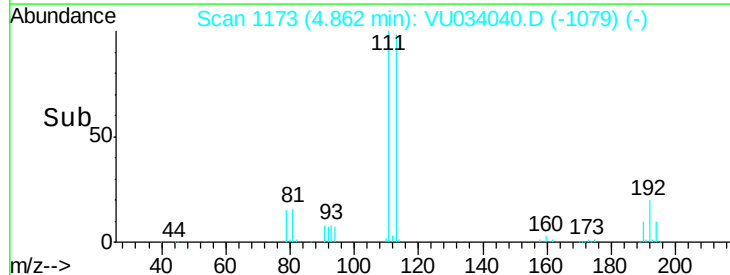
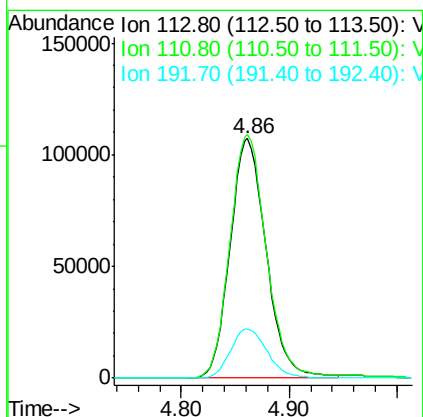
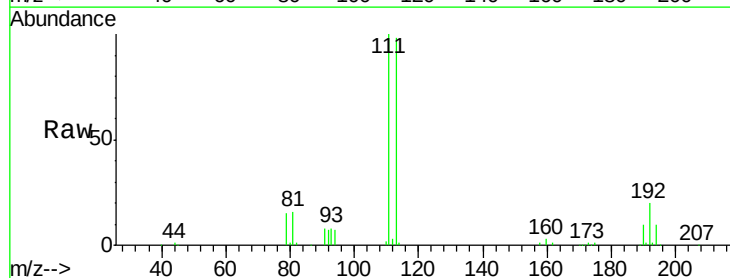
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A4-(1.9)

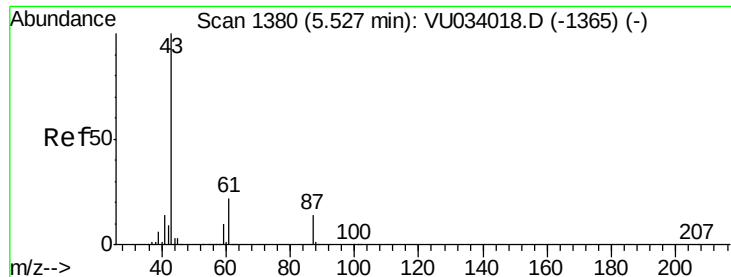
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.0
88	16.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 45.967 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034040.D
 Acq: 28 Aug 2019 21:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.7	122.5
192	21.1	17.1	25.7





#43

Isopropyl Acetate

Concen: 8.241 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034040.D

Acq: 28 Aug 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(1.9)

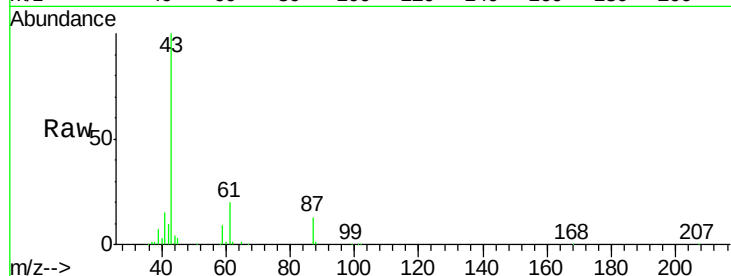
Tot Ion: 43 Resp: 104098

Ion Ratio Lower Upper

43 100

61 20.1 17.2 25.8

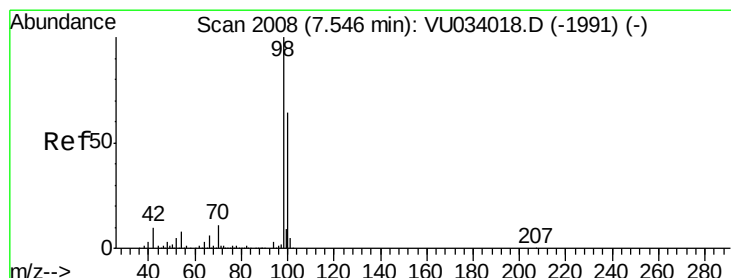
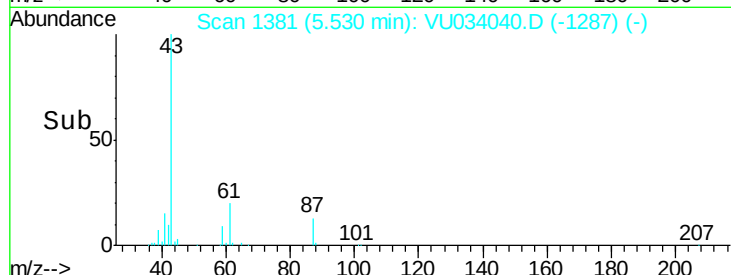
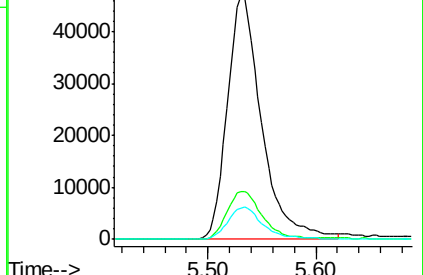
87 13.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#50

Toluene-d8

Concen: 48.981 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034040.D

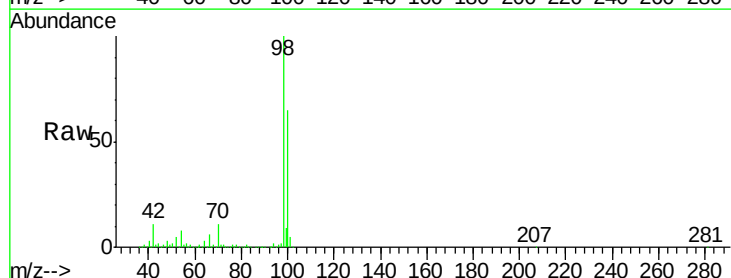
Acq: 28 Aug 2019 21:57

Tgt Ion: 98 Resp: 997167

Ion Ratio Lower Upper

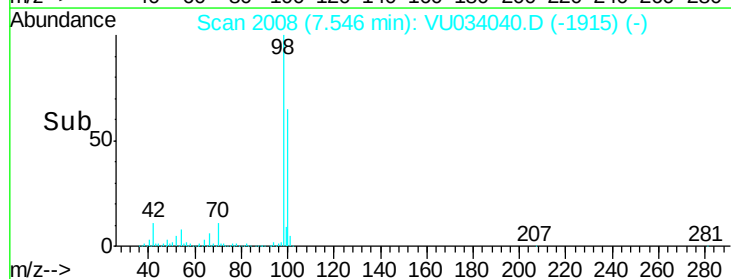
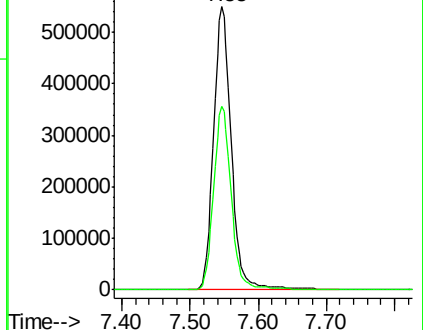
98 100

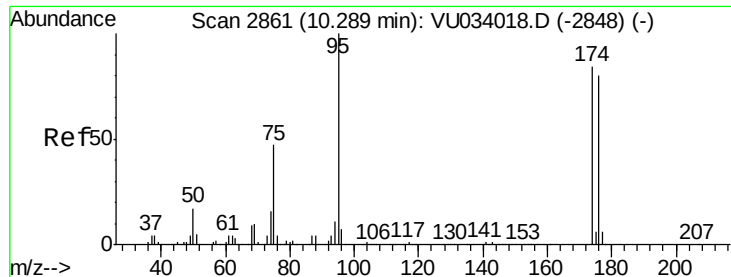
100 64.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)





#62

4-Bromofluorobenzene

Concen: 44.716 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034040.D

Acq: 28 Aug 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(1.9)

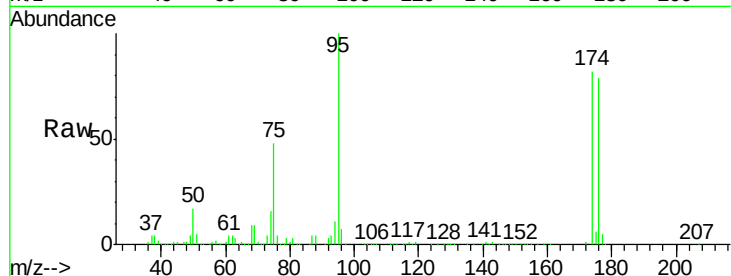
Tot Ion: 95 Resp: 354113

Ion Ratio Lower Upper

95 100

174 83.7 0.0 168.8

176 80.1 0.0 161.8

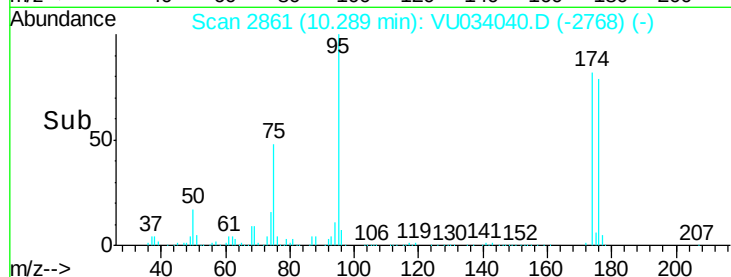


Abundance Ion 94.90 (94.60 to 95.60): VU034040.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034040.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034040.D (-2768) (-)

Time-->



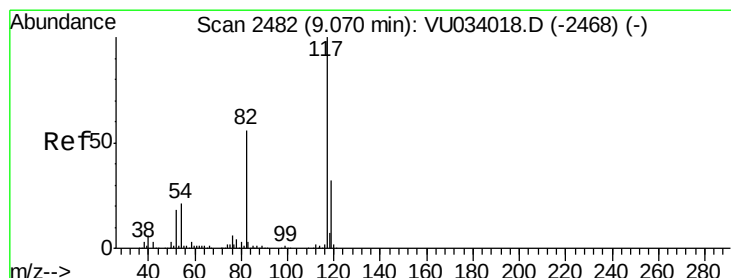
Abundance

Ion 94.90 (94.60 to 95.60): VU034040.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034040.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034040.D (-2768) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034040.D

Acq: 28 Aug 2019 21:57

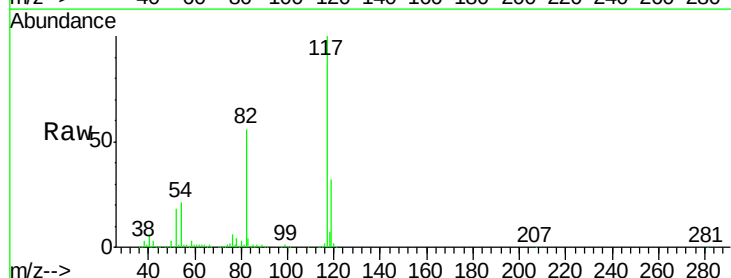
Tgt Ion: 117 Resp: 763914

Ion Ratio Lower Upper

117 100

82 56.0 45.1 67.7

119 31.8 25.4 38.0

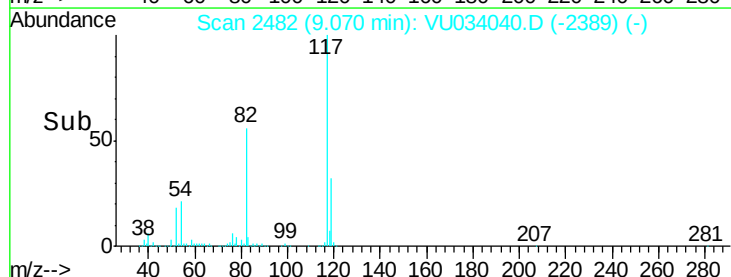


Abundance Ion 116.90 (116.60 to 117.60): VU034040.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034040.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034040.D (-2389) (-)

Time-->



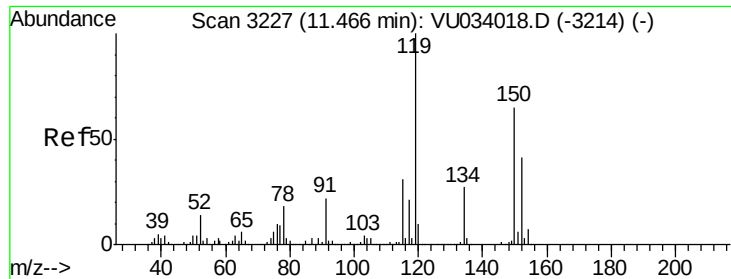
Abundance

Ion 116.90 (116.60 to 117.60): VU034040.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034040.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034040.D (-2389) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034040.D

Acq: 28 Aug 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(1.9)

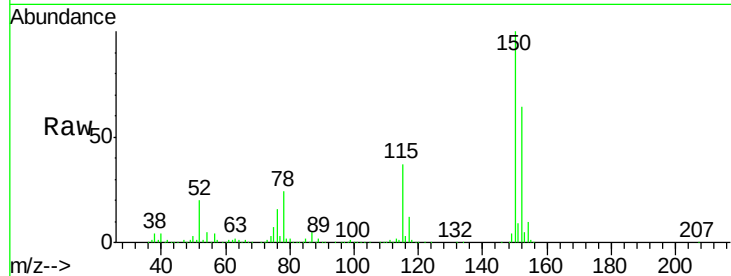
Tot Ion:152 Resp: 375744

Ion Ratio Lower Upper

152 100

115 56.6 41.1 123.3

150 156.1 0.0 348.8



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

