

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034422.D
 Acq On : 09 Sep 2019 10:53
 Operator : JC/SP
 Sample : K4601-37
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-F3-(2.7)

Quant Time: Sep 10 06:13:25 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

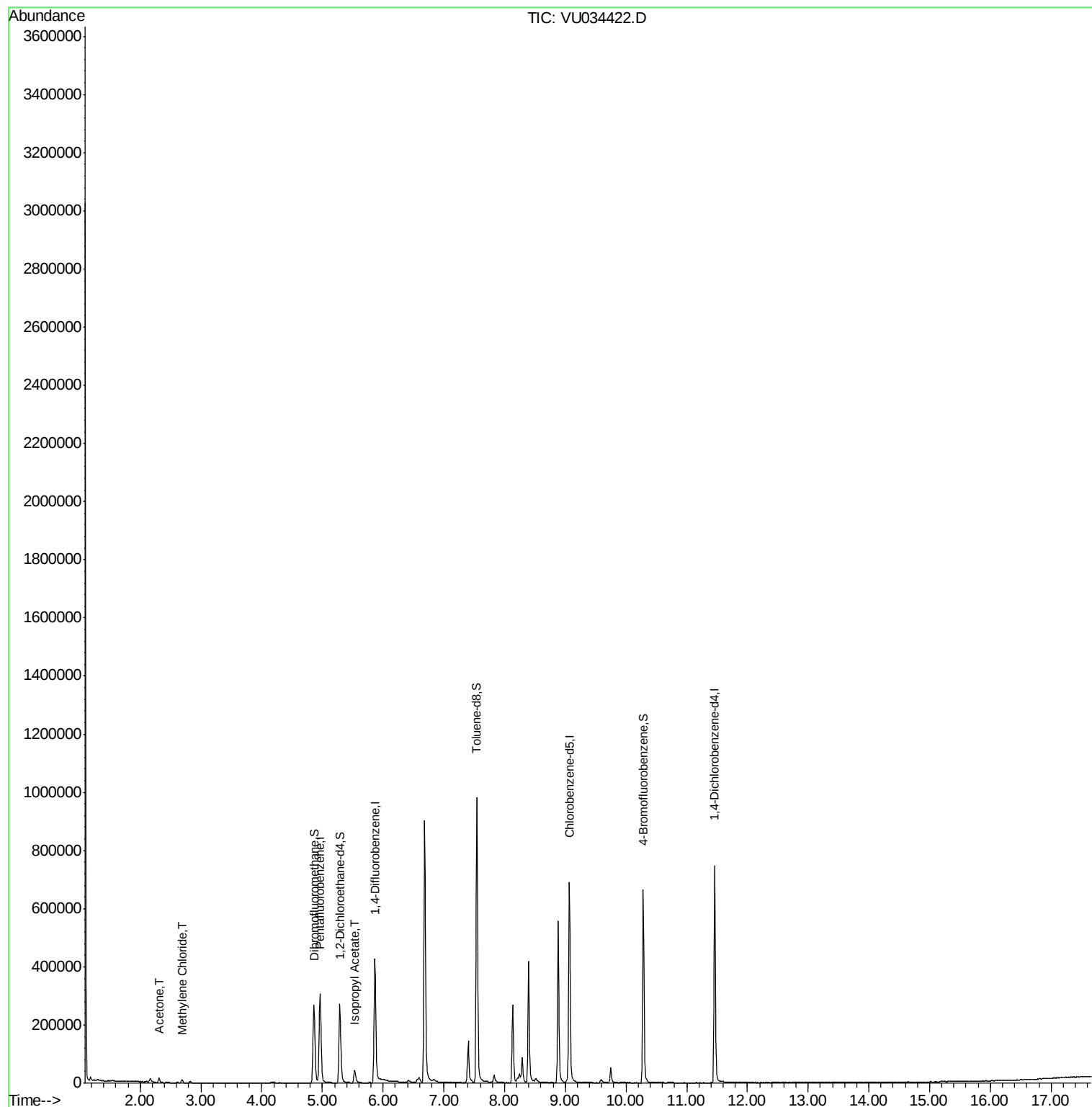
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	257659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	390585	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	416800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	221034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	215182	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
35) Dibromofluoromethane	4.86	113	189821	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	7.54	98	699405	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	10.29	95	229173	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
16) Acetone	2.31	43	16843	8.349	ug/l	97
20) Methylene Chloride	2.69	84	4847	1.076	ug/l	89
43) Isopropyl Acetate	5.53	43	52290	6.693	ug/l	98

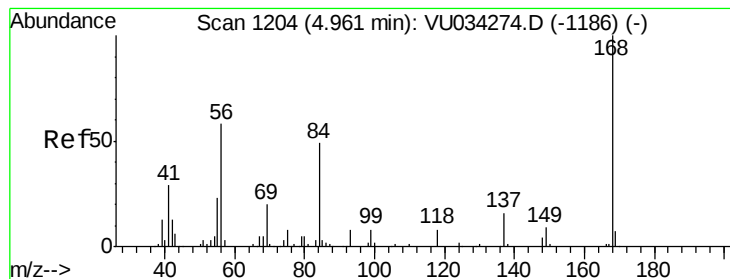
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 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: VU034422.D

Acq: 09 Sep 2019 10:53

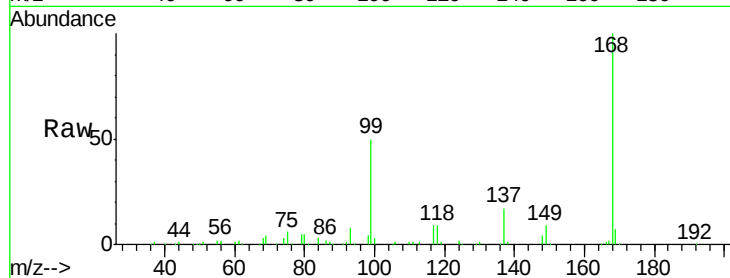
Instrument :
MSVOA_U
ClientSampleId :
T12-F3-(2.7)

Tot Ion:168 Resp: 257659

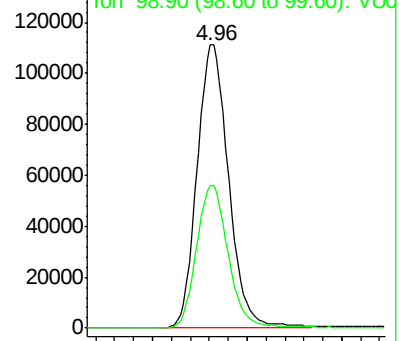
Ion Ratio Lower Upper

168 100

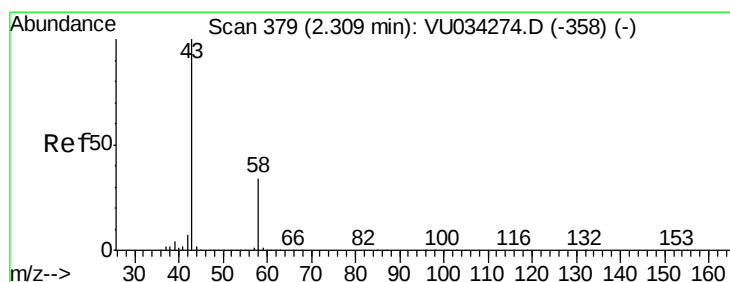
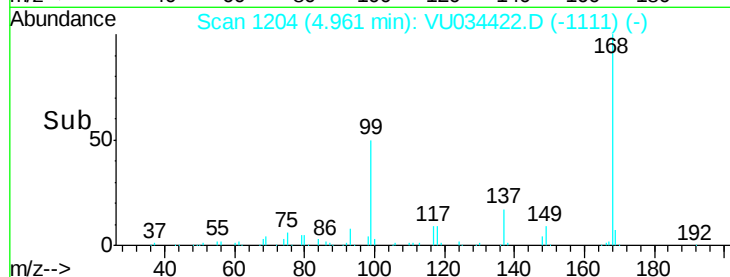
99 50.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034422.D (-1111) (-)



Time-->



#16

Acetone

Concen: 8.349 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034422.D

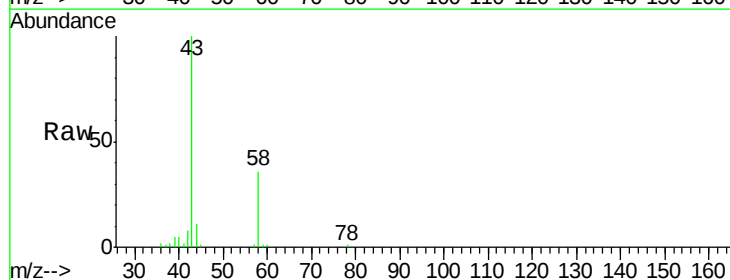
Acq: 09 Sep 2019 10:53

Tgt Ion: 43 Resp: 16843

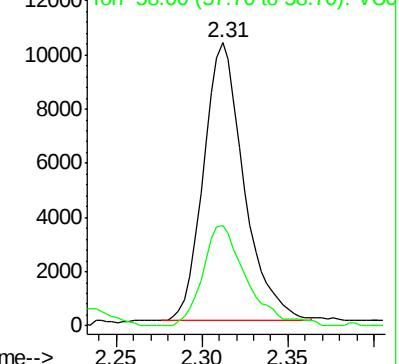
Ion Ratio Lower Upper

43 100

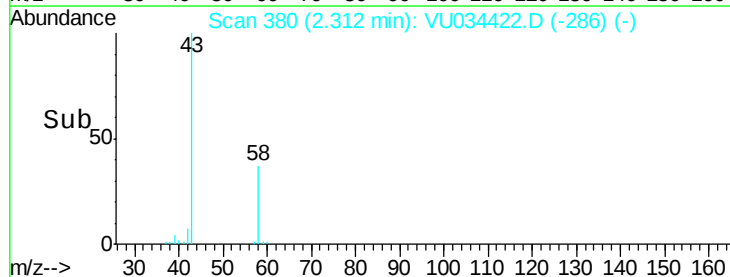
58 36.2 27.6 41.4

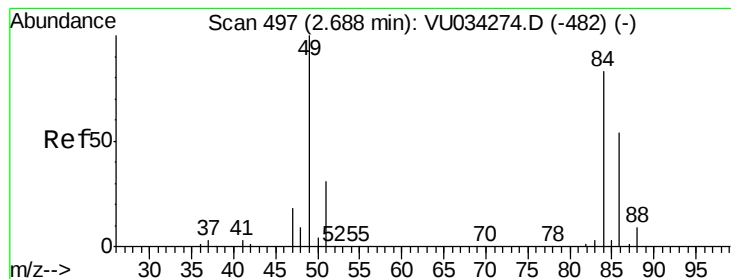


Abundance Ion 43.00 (42.70 to 43.70): VU034422.D (-286) (-)



Time-->





#20

Methylene Chloride

Concen: 1.076 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.00 min

Lab File: VU034422.D

Acq: 09 Sep 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

T12-F3-(2.7)

Tot Ion: 84 Resp: 4847

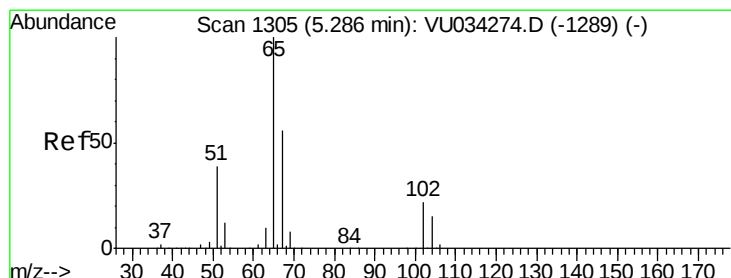
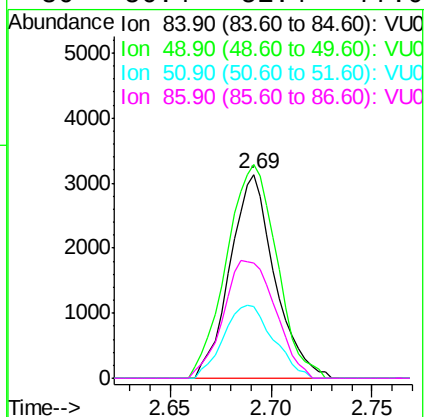
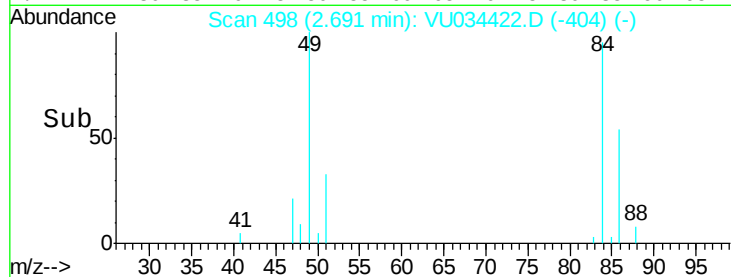
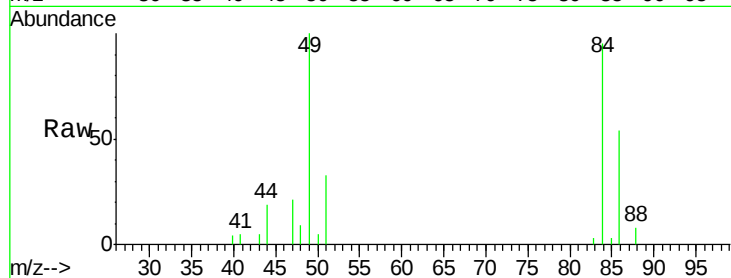
Ion	Ratio	Lower	Upper
84	100		
49	104.9	96.0	144.0
51	35.0	30.0	45.0
86	56.4	51.4	77.0

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: 55.197 ug/l

RT: 5.29 min Scan# 1306

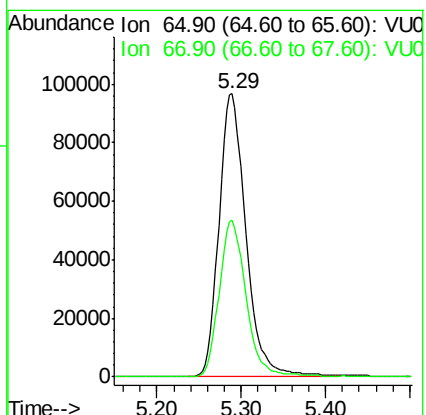
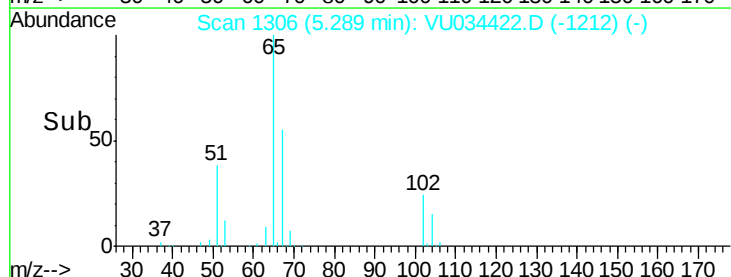
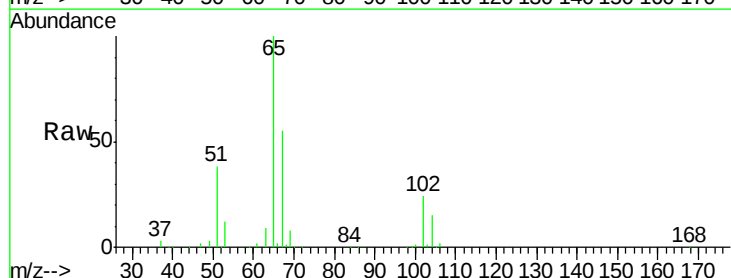
Delta R.T. 0.00 min

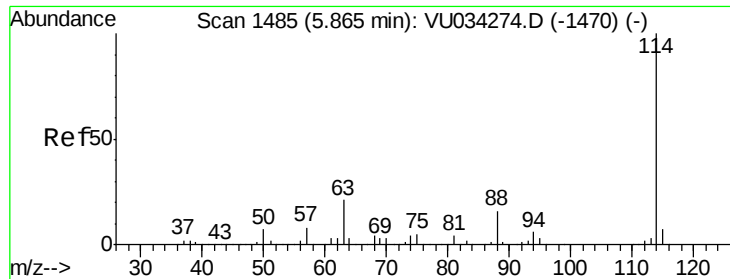
Lab File: VU034422.D

Acq: 09 Sep 2019 10:53

Tgt Ion: 65 Resp: 215182

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	112.4

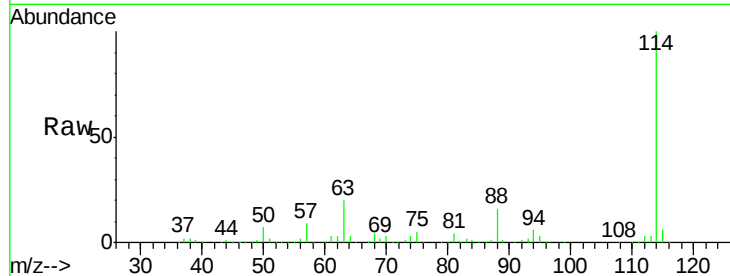




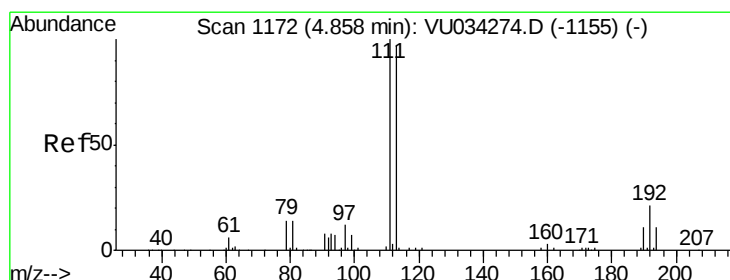
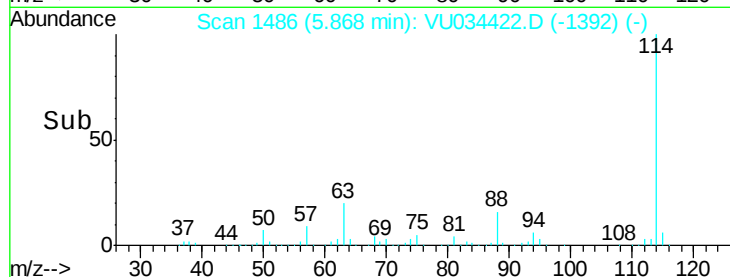
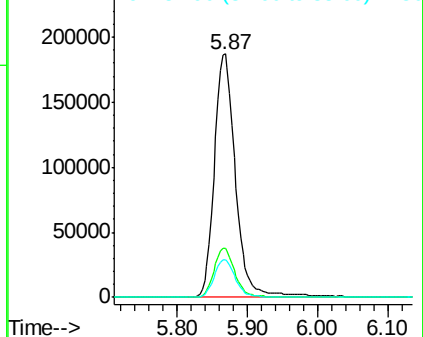
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034422.D
 Acq: 09 Sep 2019 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-F3-(2.7)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.6	0.0	32.4

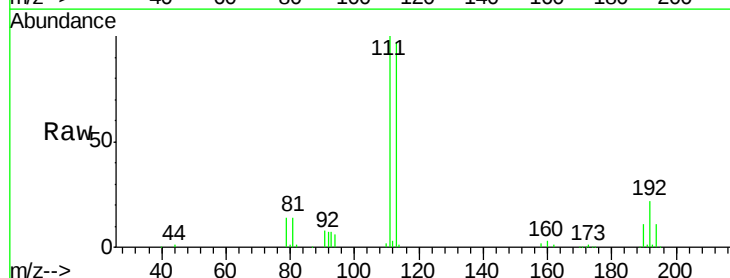


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

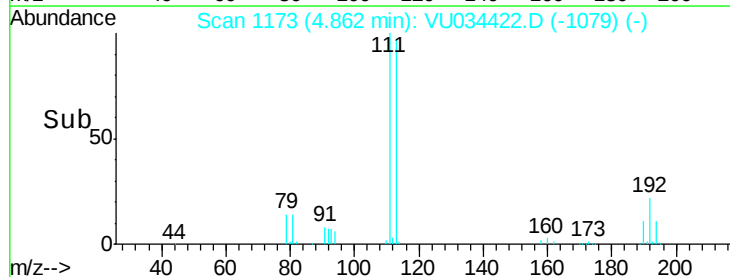
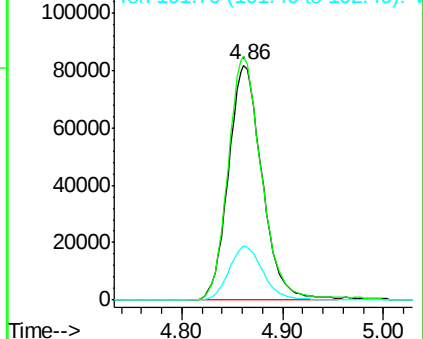


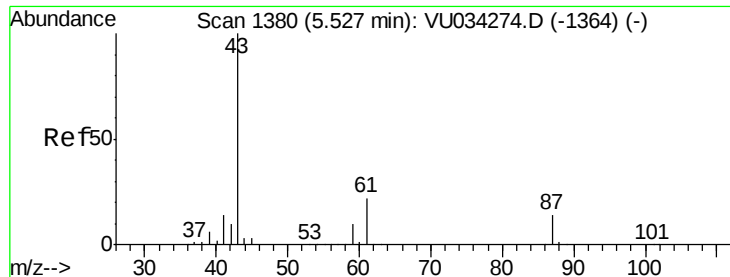
#35
 Dibromofluoromethane
 Concen: 52.229 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034422.D
 Acq: 09 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.1	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: 6.693 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034422.D

Acq: 09 Sep 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

T12-F3-(2.7)

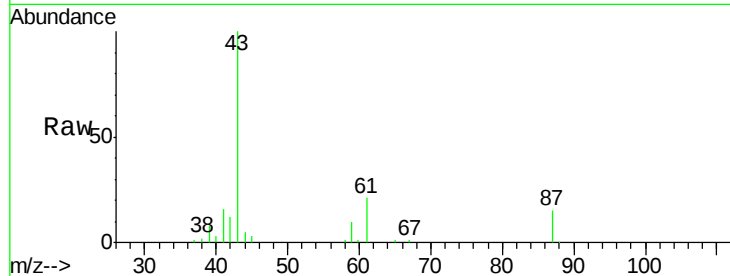
Tot Ion: 43 Resp: 52290

Ion Ratio Lower Upper

43 100

61 20.3 17.1 25.7

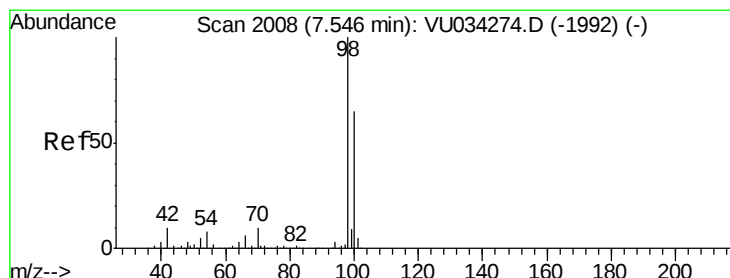
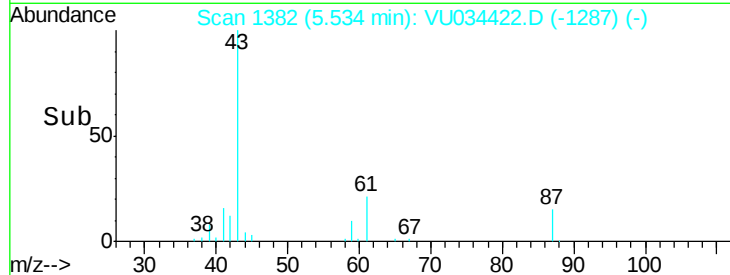
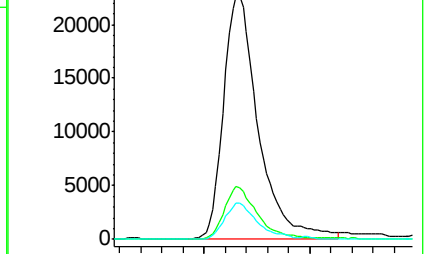
87 14.0 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034422.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034422.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034422.D (-1287) (-)



#50

Toluene-d8

Concen: 51.221 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034422.D

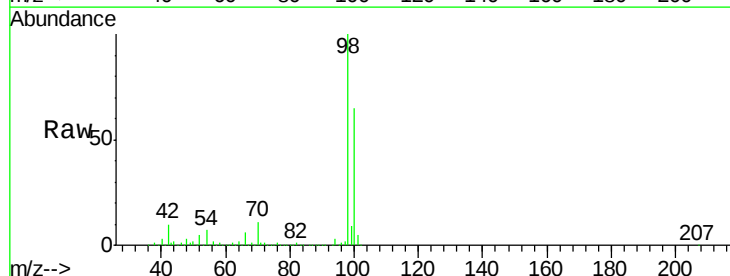
Acq: 09 Sep 2019 10:53

Tgt Ion: 98 Resp: 699405

Ion Ratio Lower Upper

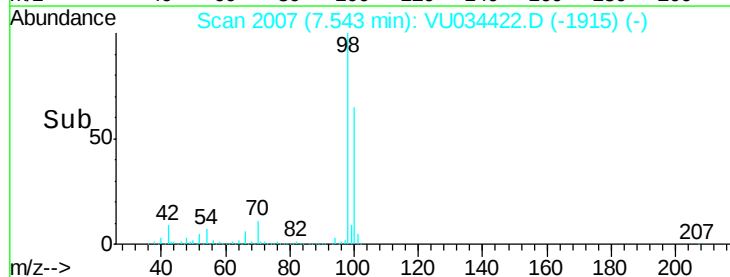
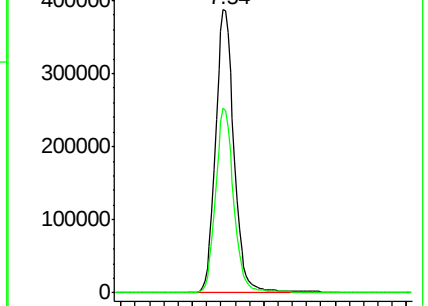
98 100

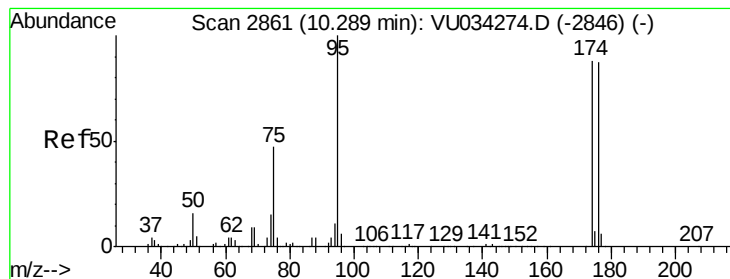
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034422.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034422.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 43.470 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034422.D

Acq: 09 Sep 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

T12-F3-(2.7)

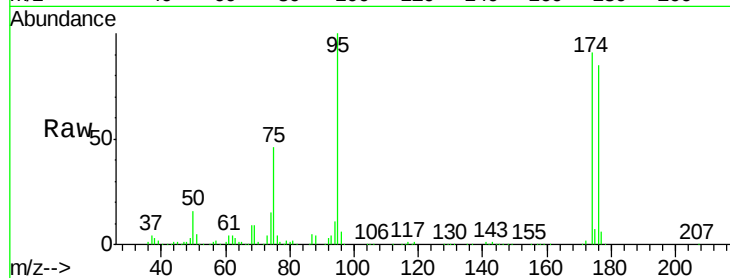
Tot Ion: 95 Resp: 229173

Ion Ratio Lower Upper

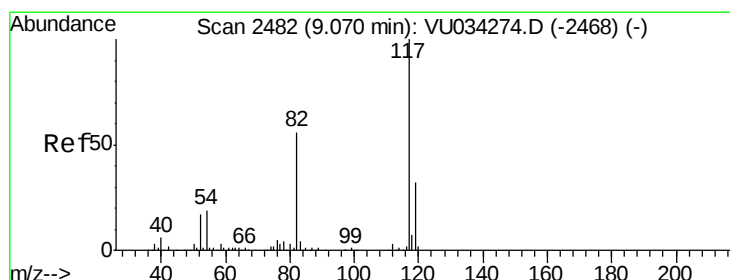
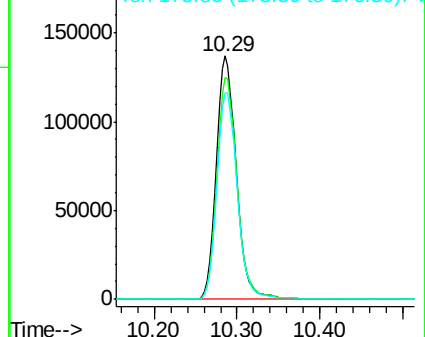
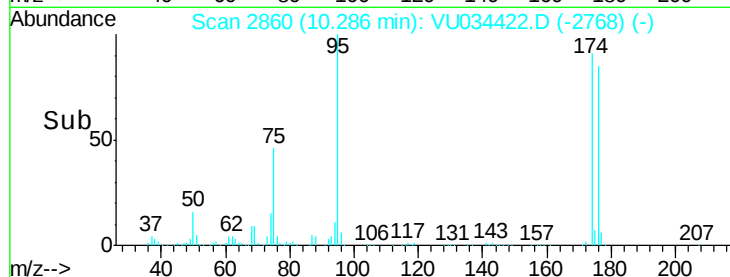
95 100

174 92.3 0.0 175.2

176 86.1 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034422.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034422.D

Acq: 09 Sep 2019 10:53

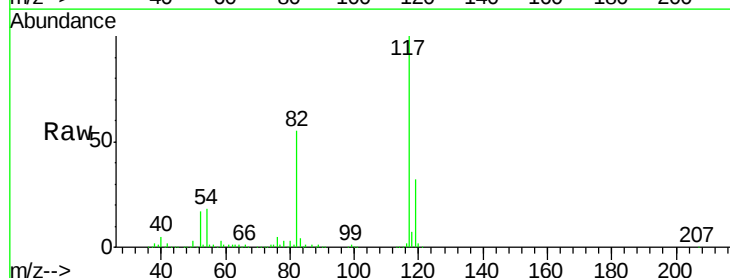
Tgt Ion: 117 Resp: 416800

Ion Ratio Lower Upper

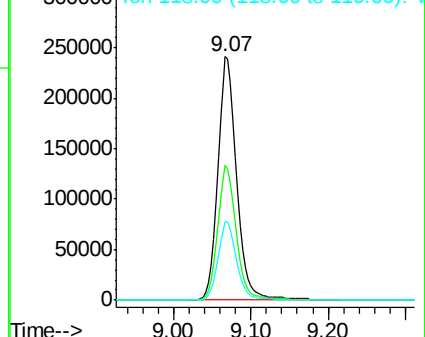
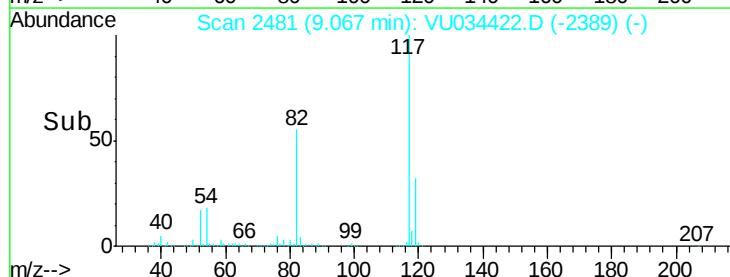
117 100

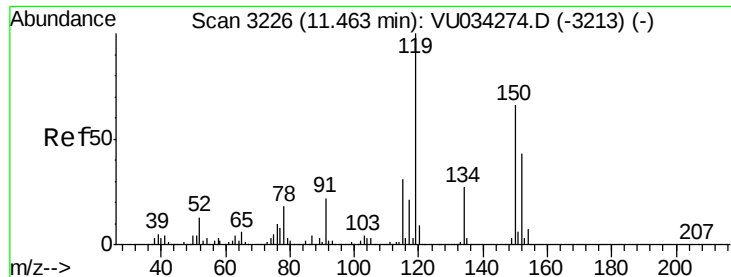
82 55.3 44.6 67.0

119 32.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VU034422.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034422.D

Acq: 09 Sep 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

T12-F3-(2.7)

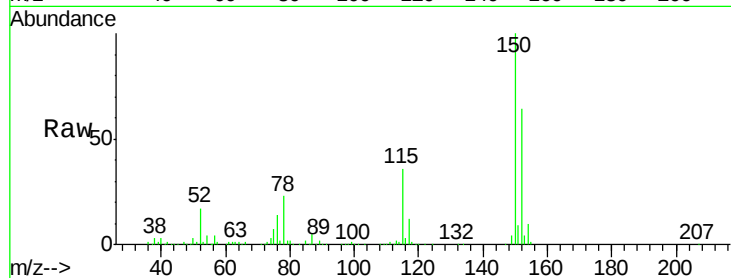
Tot Ion:152 Resp: 221034

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.3

150 157.6 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

