

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034453.D
 Acq On : 10 Sep 2019 15:57
 Operator : JC/SP
 Sample : K4602-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G3-(2.7)

Quant Time: Sep 11 06:52:41 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

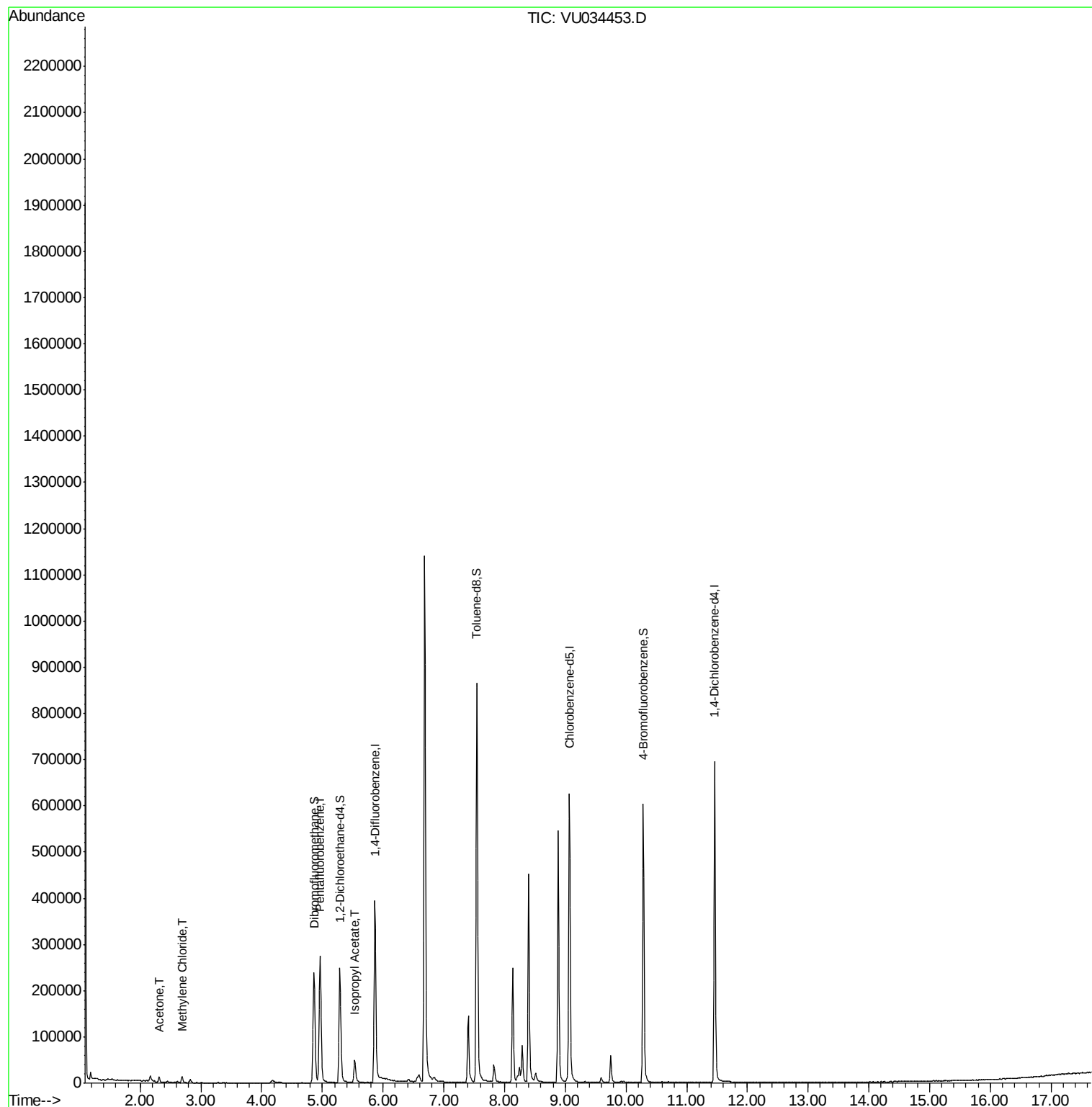
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	224239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	351164	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	375831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	200277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	196207	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	4.86	113	169349	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	7.55	98	617919	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	10.29	95	208785	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
16) Acetone	2.31	43	12437	7.084	ug/l	95
20) Methylene Chloride	2.69	84	6234	1.782	ug/l	93
43) Isopropyl Acetate	5.53	43	59247	8.435	ug/l	99

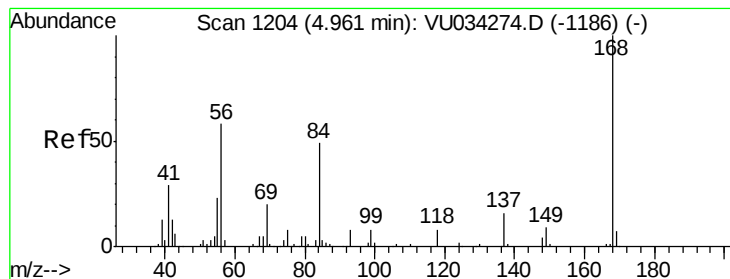
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034453.D

Acq: 10 Sep 2019 15:57

Instrument :

MSVOA_U

ClientSampleId :

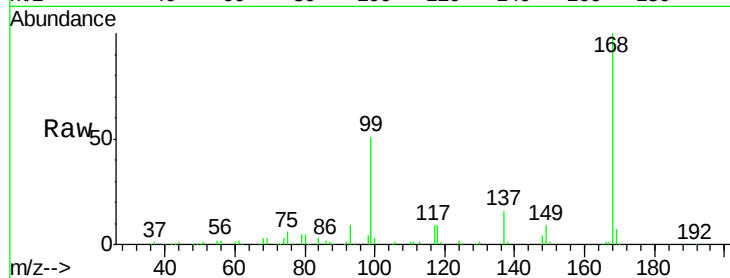
T12-G3-(2.7)

Tot Ion:168 Resp: 224239

Ion Ratio Lower Upper

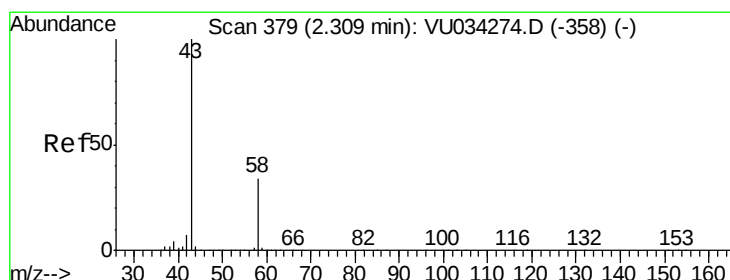
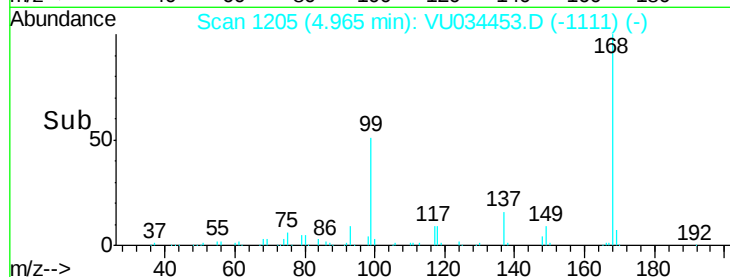
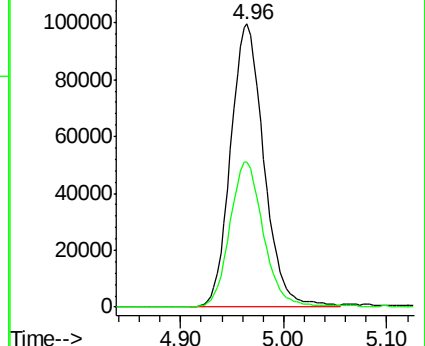
168 100

99 51.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034453.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034453.D (-1111) (-)



#16

Acetone

Concen: 7.084 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034453.D

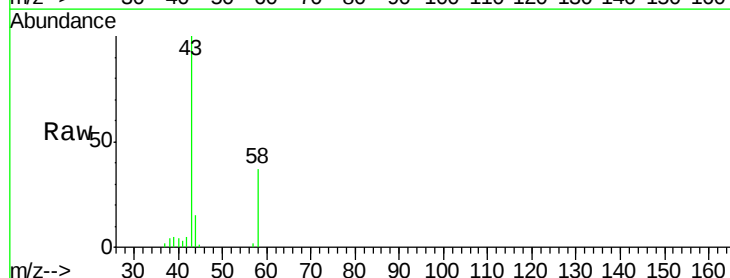
Acq: 10 Sep 2019 15:57

Tgt Ion: 43 Resp: 12437

Ion Ratio Lower Upper

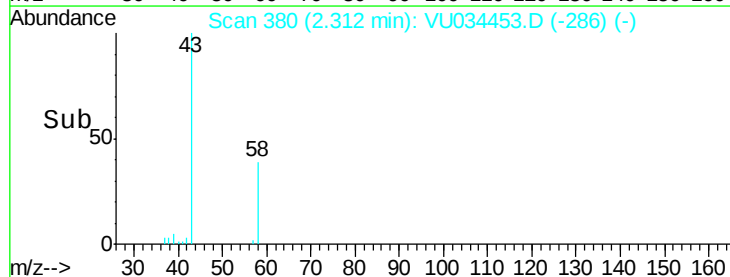
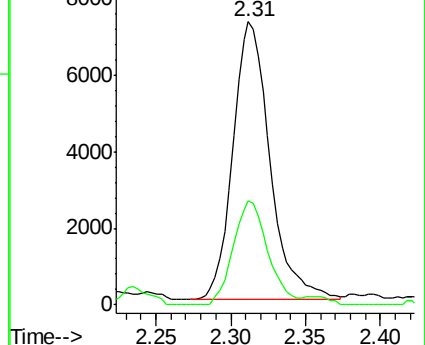
43 100

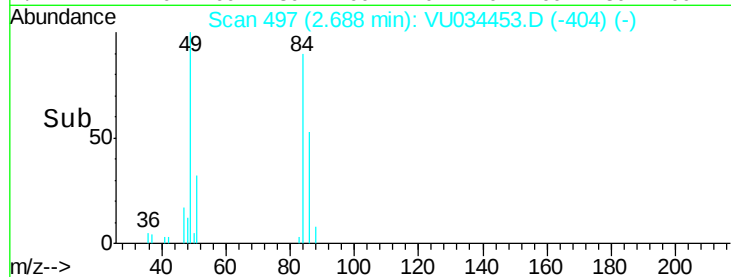
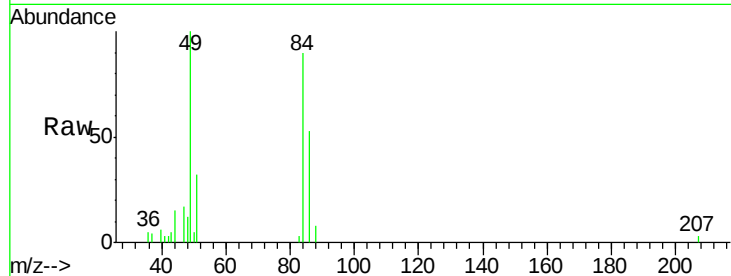
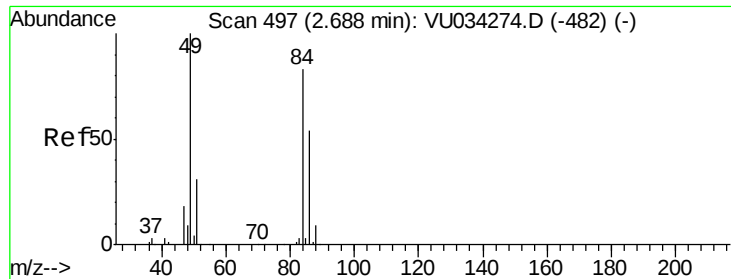
58 37.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034453.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034453.D (-286) (-)

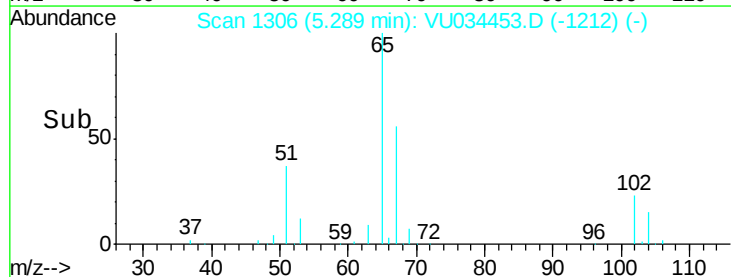
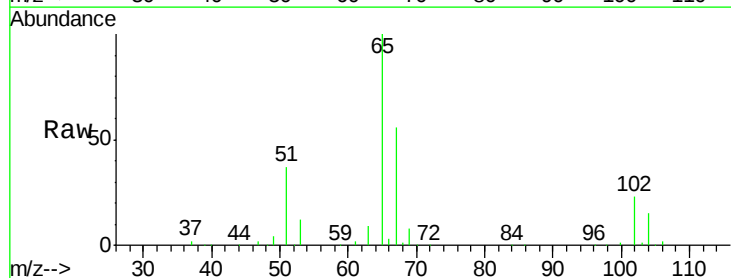
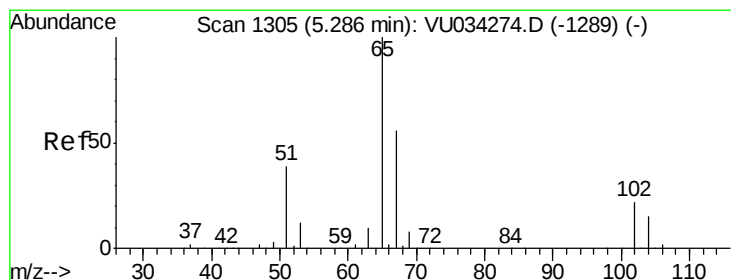
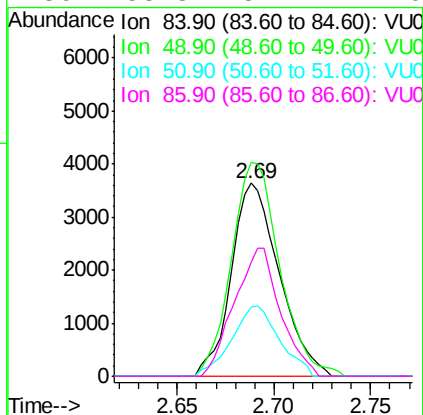




#20
Methvlene Chloride
Concen: 1.782 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034453.D
Acq: 10 Sep 2019 15:57

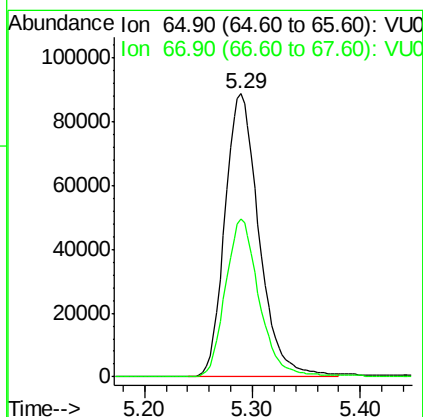
Instrument :
MSVOA_U
ClientSampleId :
T12-G3-(2.7)

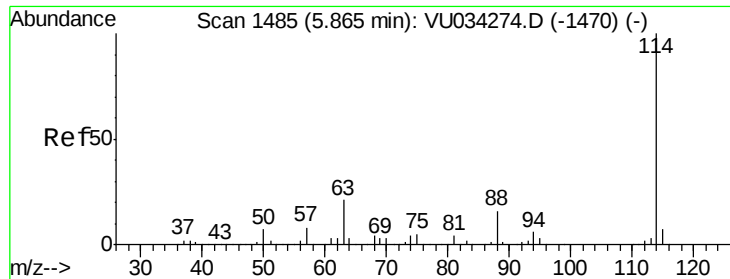
Tot Ion:	84	Resp:	6234
Ion	Ratio	Lower	Upper
84	100		
49	110.6	96.0	144.0
51	35.8	30.0	45.0
86	58.8	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 57.830 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034453.D
Acq: 10 Sep 2019 15:57

Tgt Ion:	65	Resp:	196207
Ion	Ratio	Lower	Upper
65	100		
67	54.8	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: VU034453.D

Acq: 10 Sep 2019 15:57

Instrument :

MSVOA_U

ClientSampleId :

T12-G3-(2.7)

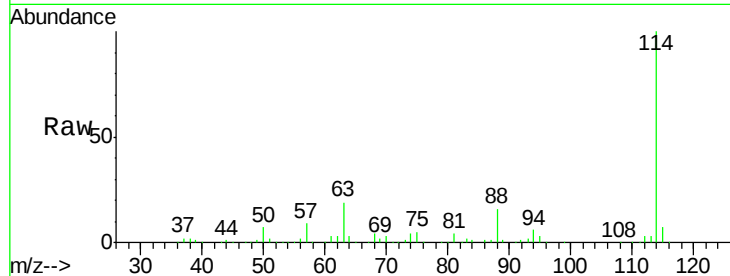
Tot Ion:114 Resp: 351164

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

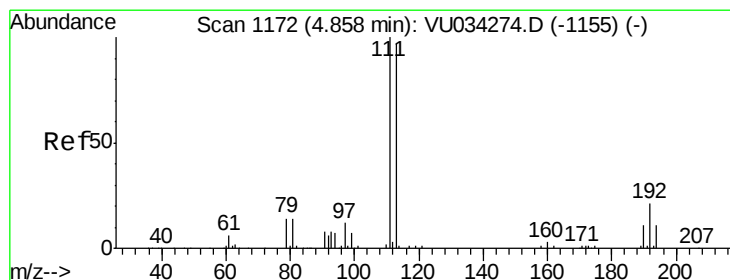
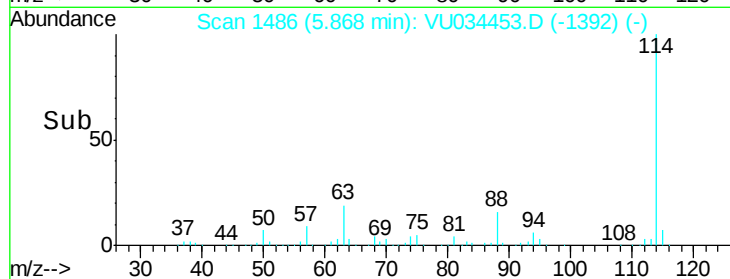
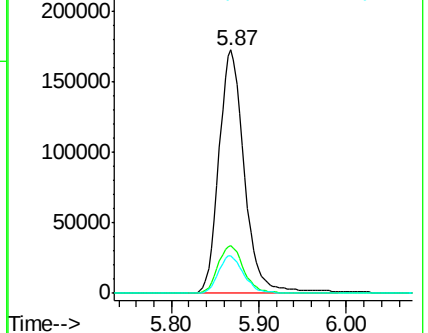
88 15.7 0.0 32.4



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: 51.827 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034453.D

Acq: 10 Sep 2019 15:57

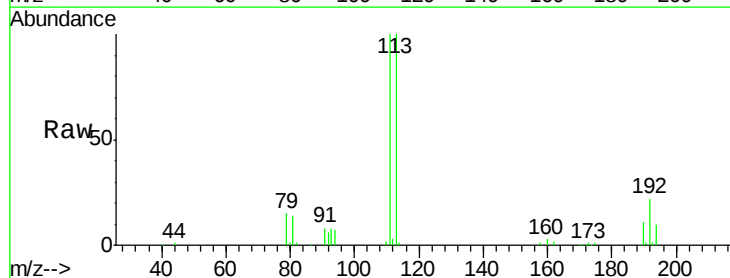
Tgt Ion:113 Resp: 169349

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

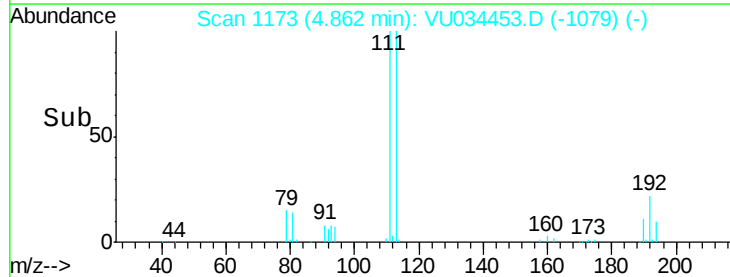
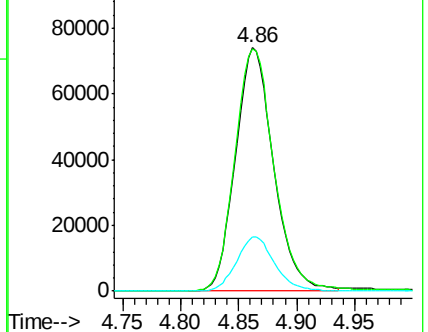
192 22.2 17.8 26.8

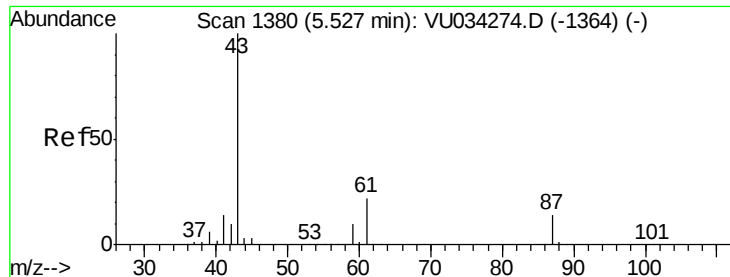


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.435 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034453.D

Acq: 10 Sep 2019 15:57

Instrument :

MSVOA_U

ClientSampleId :

T12-G3-(2.7)

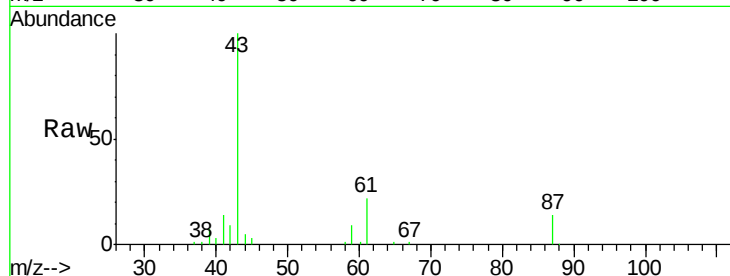
Tot Ion: 43 Resp: 59247

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

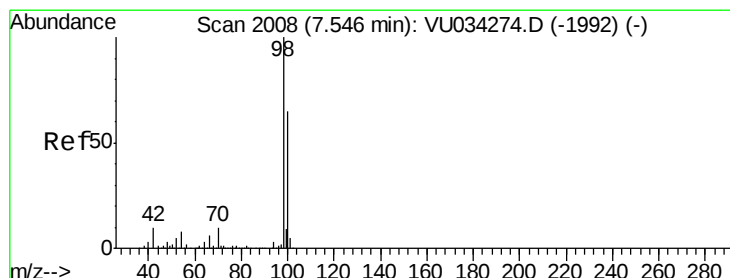
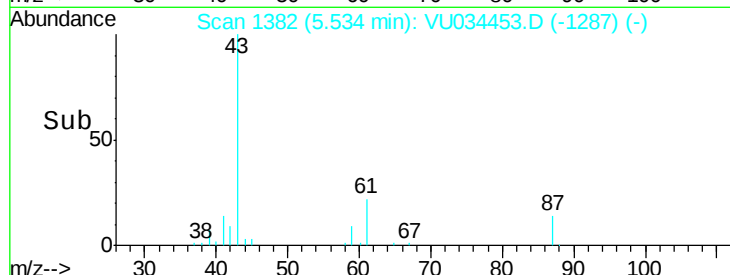
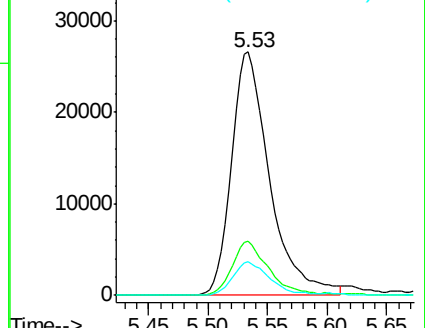
87 13.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034453.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034453.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034453.D (-1287) (-)



#50

Toluene-d8

Concen: 50.334 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034453.D

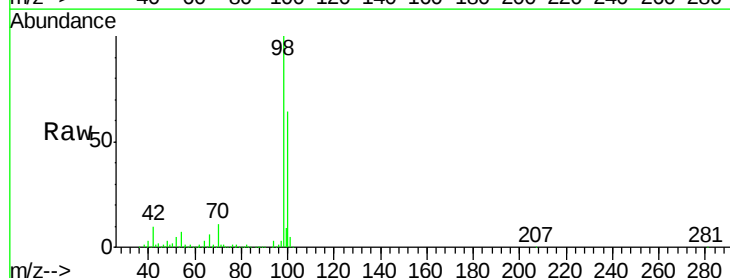
Acq: 10 Sep 2019 15:57

Tgt Ion: 98 Resp: 617919

Ion Ratio Lower Upper

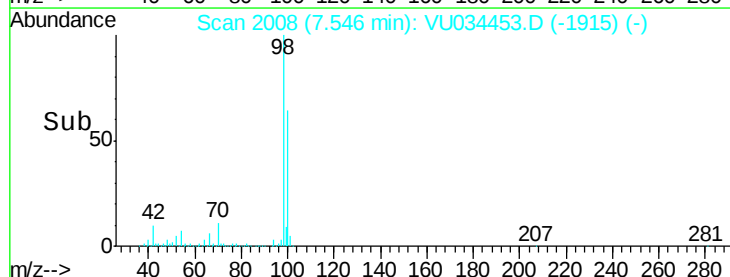
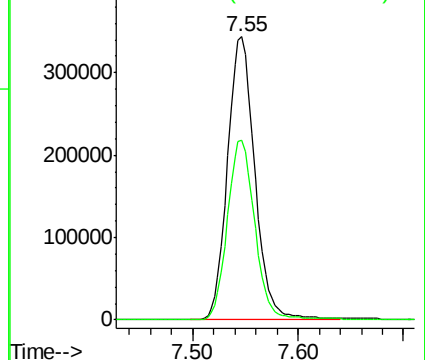
98 100

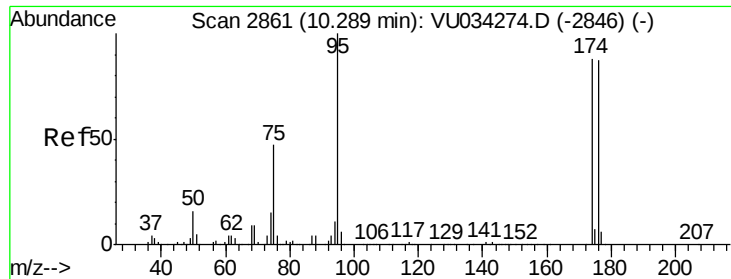
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034453.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034453.D (-1915) (-)

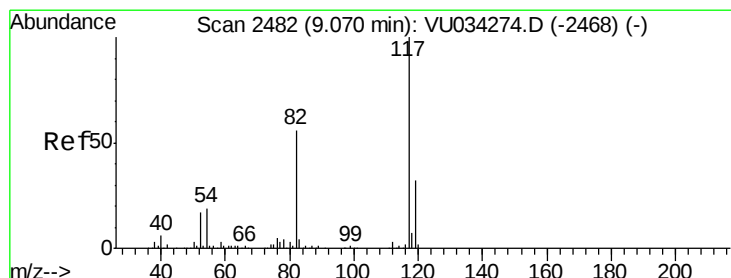
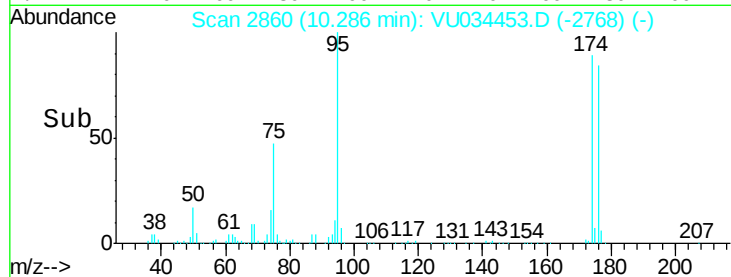
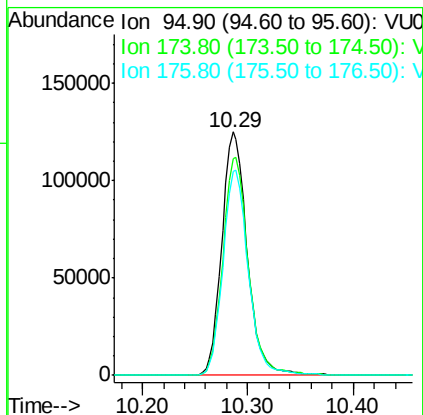
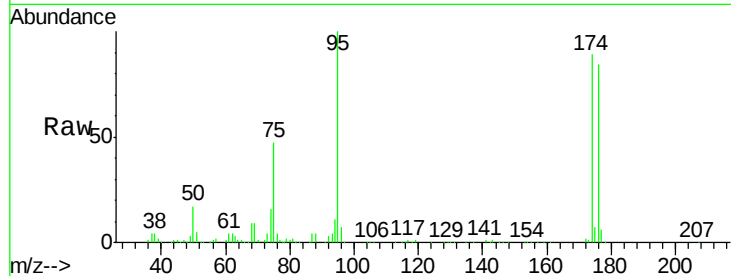




#62
4-Bromofluorobenzene
Concen: 44.049 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034453.D
Acq: 10 Sep 2019 15:57

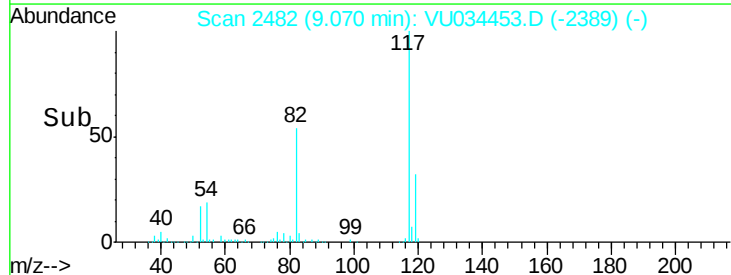
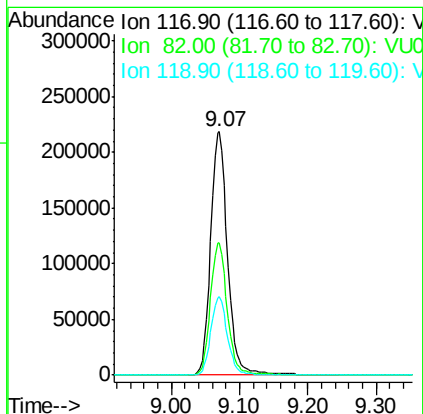
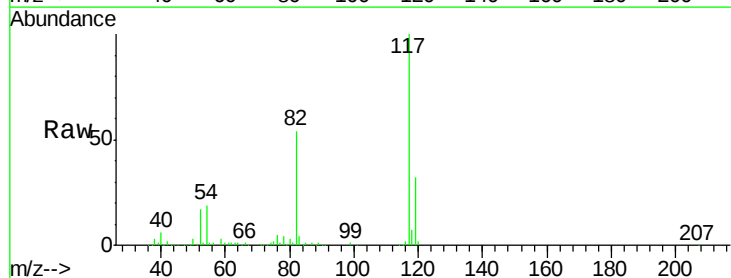
Instrument :
MSVOA_U
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T12-G3-(2.7)

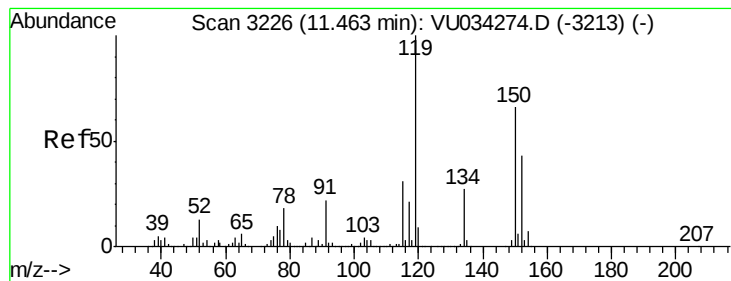
Tot Ion: 95 Resp: 208785
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.2
176 84.4 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034453.D
Acq: 10 Sep 2019 15:57

Tgt Ion: 117 Resp: 375831
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034453.D

Acq: 10 Sep 2019 15:57

Instrument :

MSVOA_U

ClientSampleId :

T12-G3-(2.7)

Tot Ion:152 Resp: 200277

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.3

150 158.0 0.0 345.4

