

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034454.D
 Acq On : 10 Sep 2019 16:21
 Operator : JC/SP
 Sample : K4602-27
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G4-(2.7)

Quant Time: Sep 11 06:54:13 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

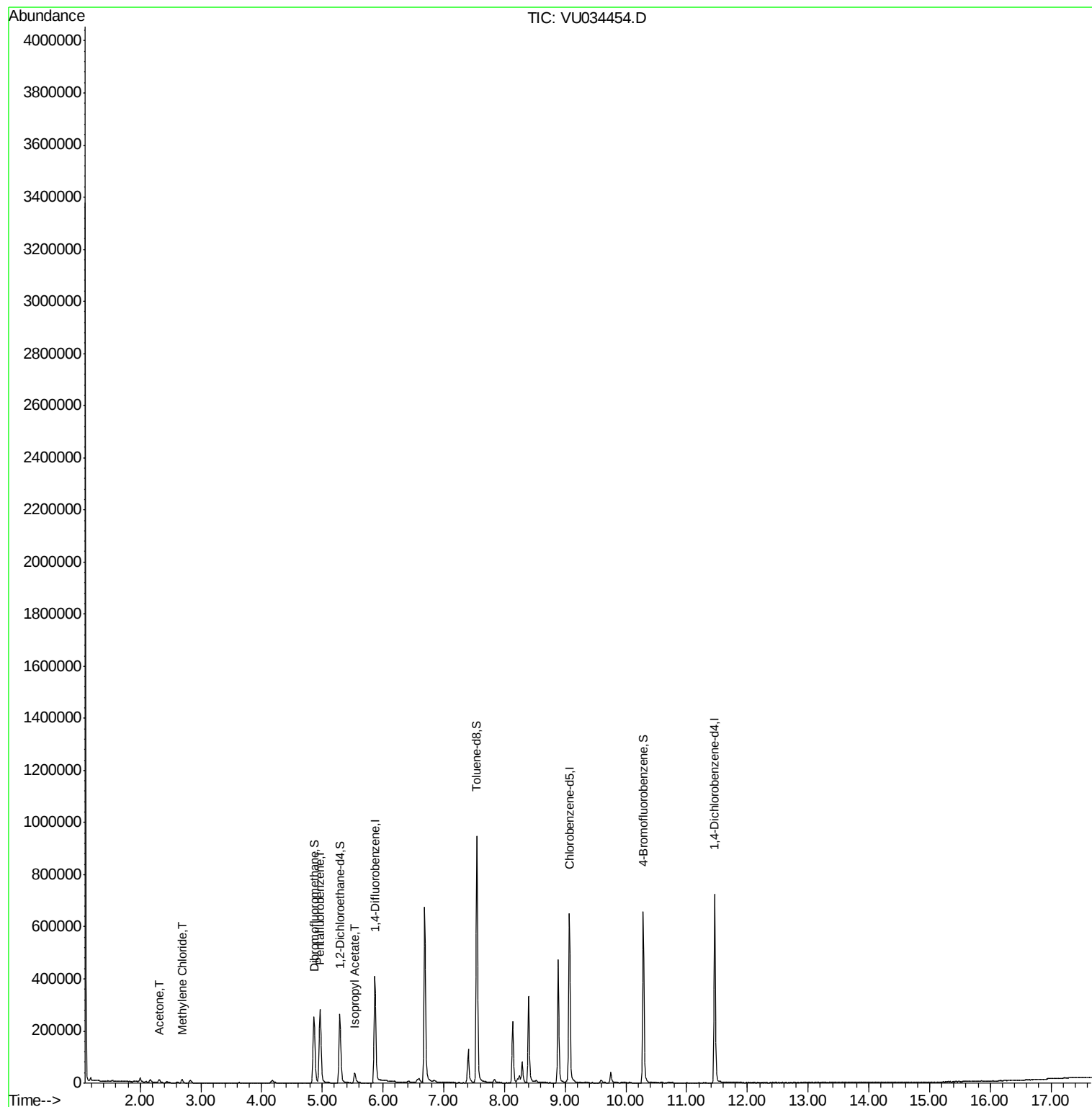
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	231824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	366477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	388987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	210866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	209557	59.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.48%	
35) Dibromofluoromethane	4.86	113	181994	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	7.55	98	670682	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	10.29	95	227695	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	2.31	43	14503	7.990	ug/l	98
20) Methylene Chloride	2.69	84	6221	1.706	ug/l	91
43) Isopropyl Acetate	5.53	43	46330	6.320	ug/l	99

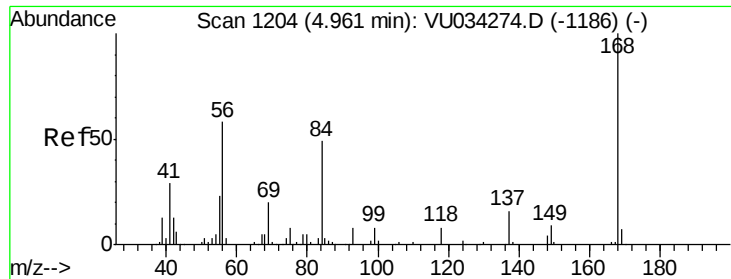
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034454.D

Acq: 10 Sep 2019 16:21

Instrument :

MSVOA_U

ClientSampleId :

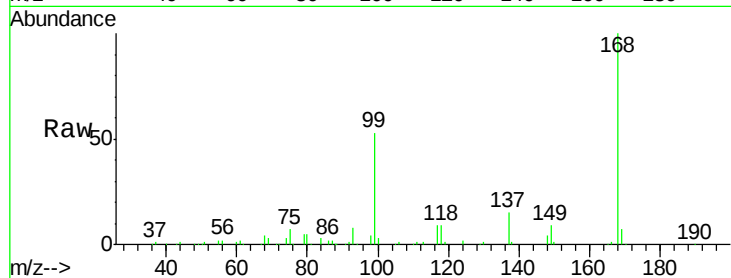
T12-G4-(2.7)

Tot Ion:168 Resp: 231824

Ion Ratio Lower Upper

168 100

99 52.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034454.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034454.D (-1111) (-)

4.96

100000

80000

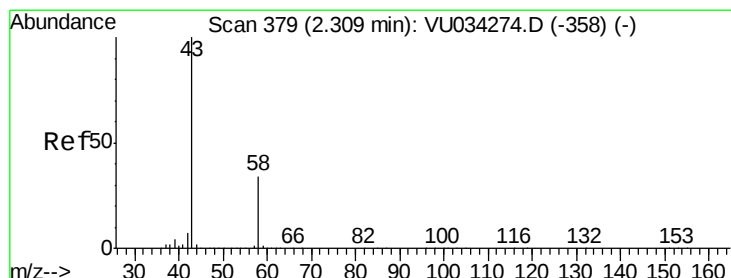
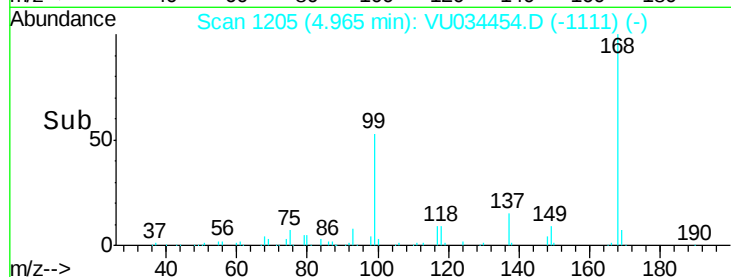
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.990 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034454.D

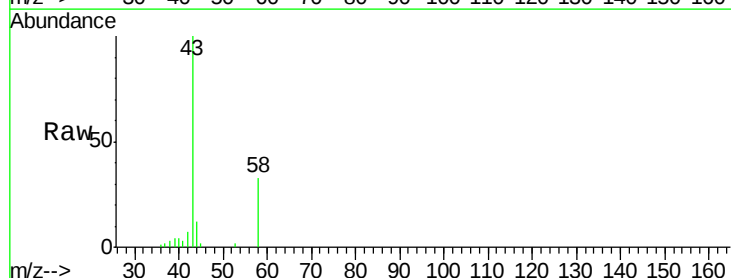
Acq: 10 Sep 2019 16:21

Tgt Ion: 43 Resp: 14503

Ion Ratio Lower Upper

43 100

58 33.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034454.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034454.D (-286) (-)

2.31

10000

8000

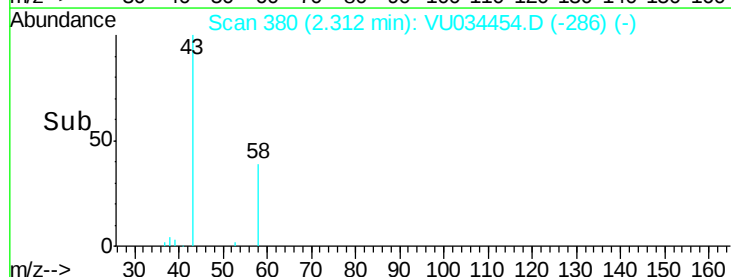
6000

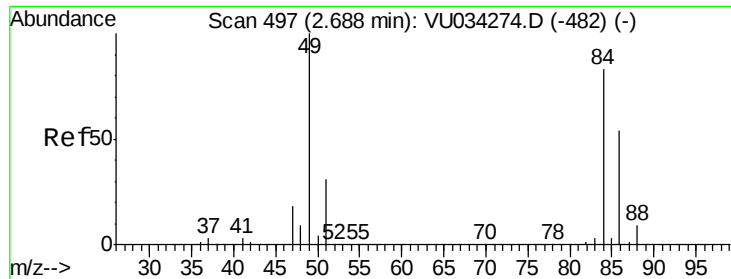
4000

2000

0

Time-->



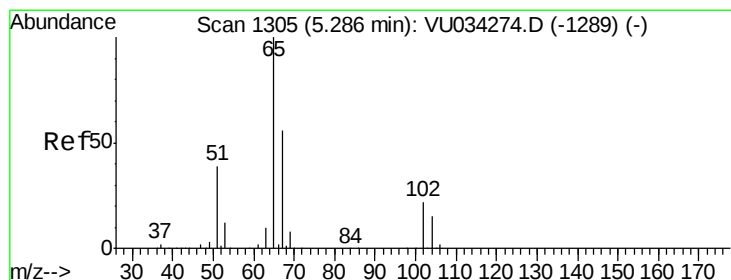
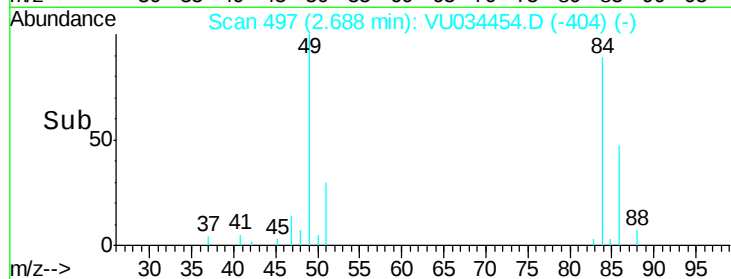
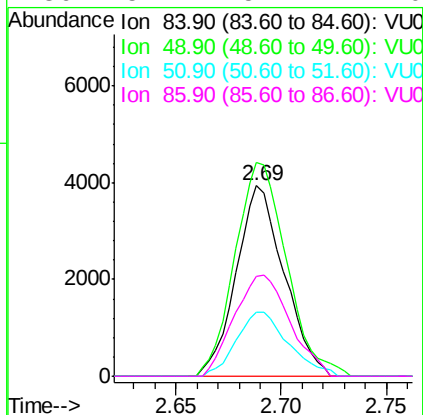
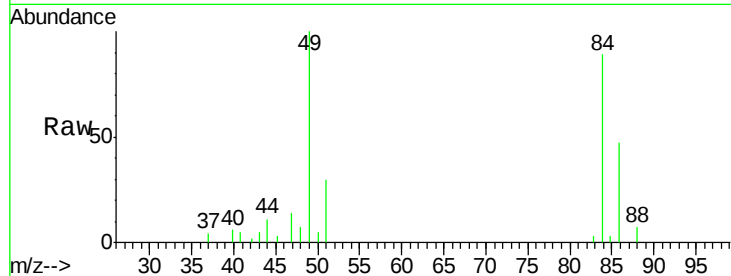


#20
Methvlene Chloride
Concen: 1.706 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034454.D
Acq: 10 Sep 2019 16:21

Instrument :
MSVOA_U
ClientSampleId :
T12-G4-(2.7)

Tot Ion: 84 Resp: 6221

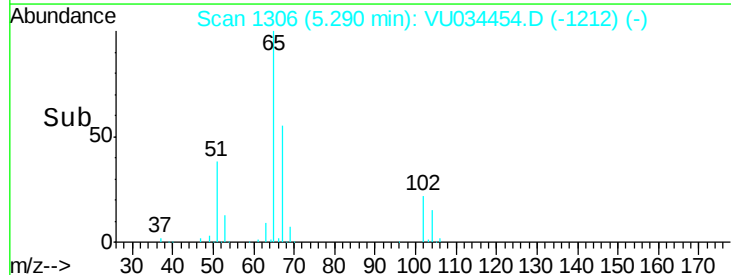
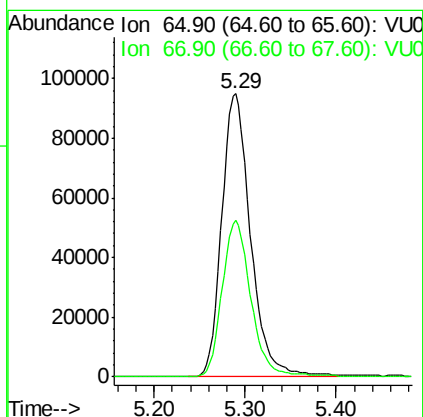
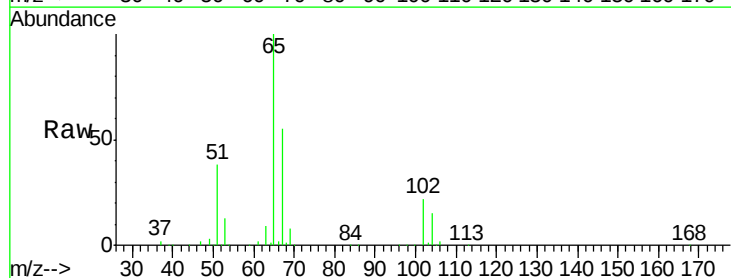
Ion	Ratio	Lower	Upper
84	100		
49	112.2	96.0	144.0
51	33.9	30.0	45.0
86	52.2	51.4	77.0

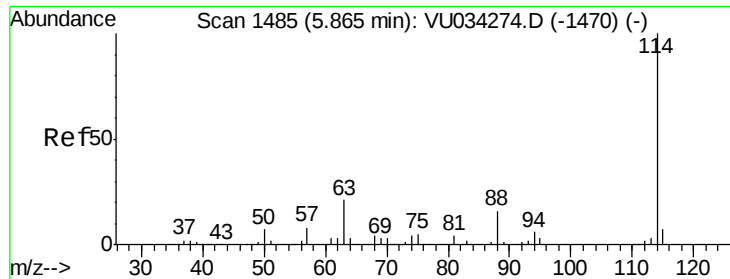


#33
1,2-Dichloroethane-d4
Concen: 59.744 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034454.D
Acq: 10 Sep 2019 16:21

Tgt Ion: 65 Resp: 209557

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	112.4

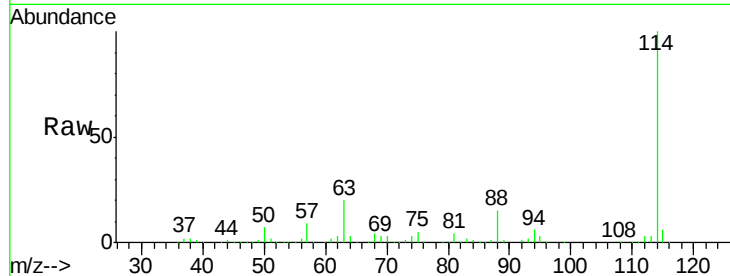




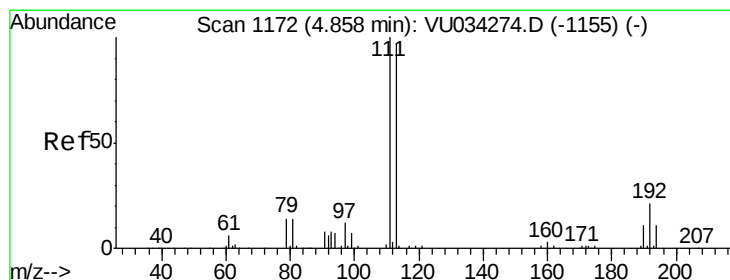
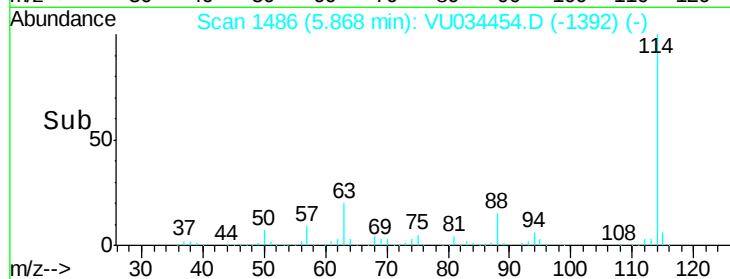
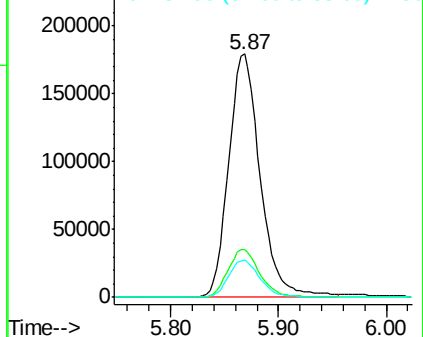
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034454.D
 Acq: 10 Sep 2019 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G4-(2.7)

Tot Ion:114	Resp:	366477
Ion Ratio	Lower	Upper
114	100	
63	19.8	0.0 42.4
88	15.2	0.0 32.4

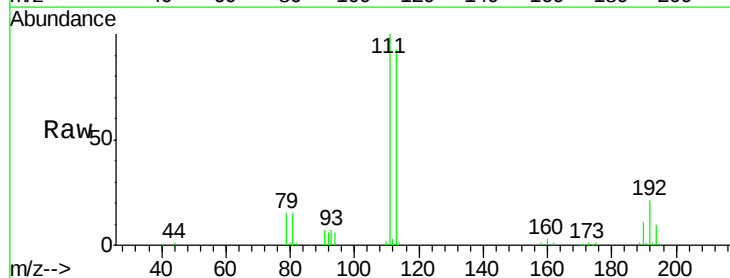


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

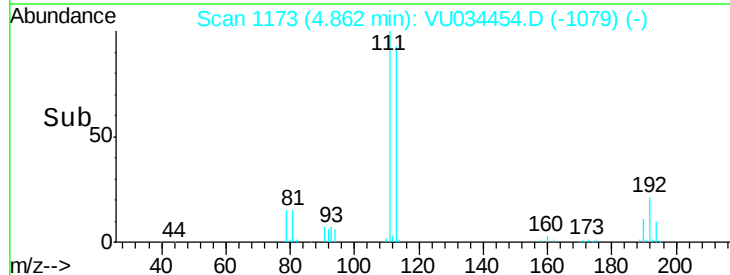
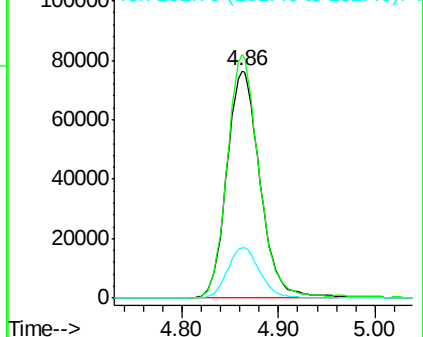


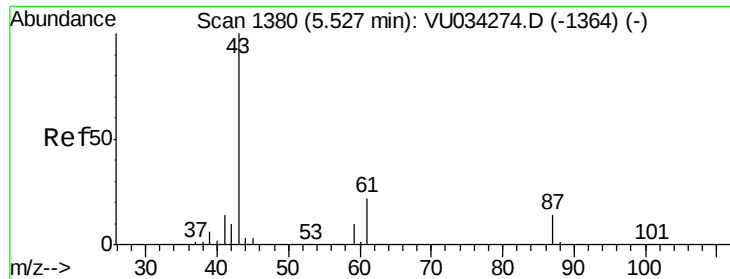
#35
 Dibromofluoromethane
 Concen: 53.369 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034454.D
 Acq: 10 Sep 2019 16:21

Tgt Ion:113	Resp:	181994
Ion Ratio	Lower	Upper
113	100	
111	102.9	81.5 122.3
192	21.9	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

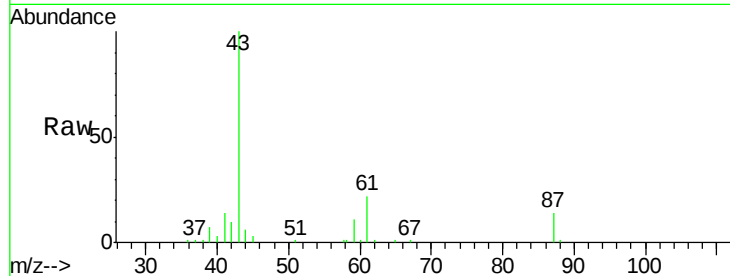




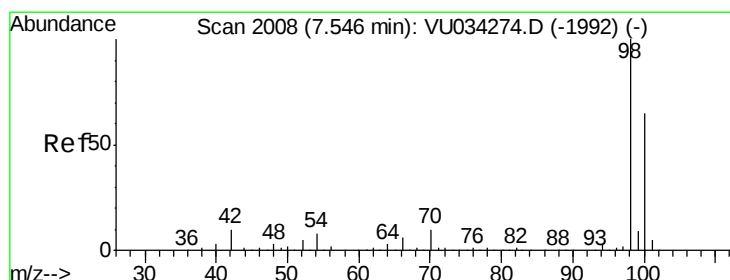
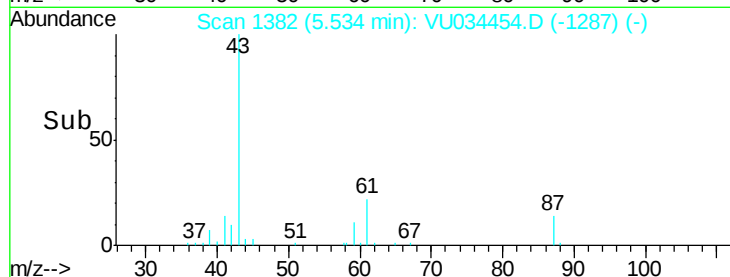
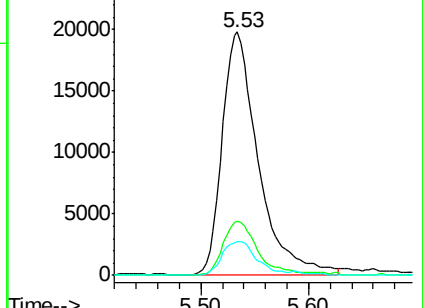
#43
Isopropyl Acetate
Concen: 6.320 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034454.D
Acq: 10 Sep 2019 16:21

Instrument :
MSVOA_U
ClientSampleId :
T12-G4-(2.7)

Tot Ion: 43 Resp: 46330
Ion Ratio Lower Upper
43 100
61 20.9 17.1 25.7
87 13.2 11.1 16.7

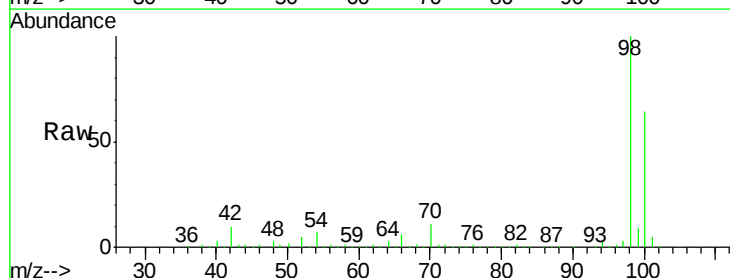


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

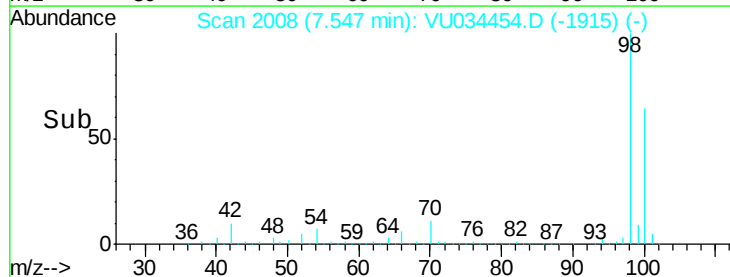
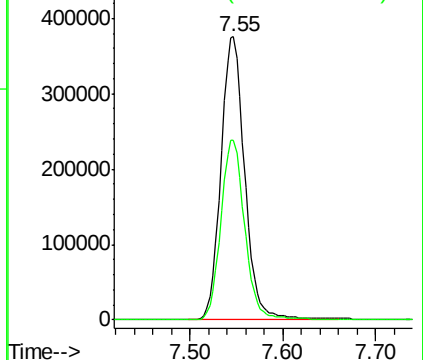


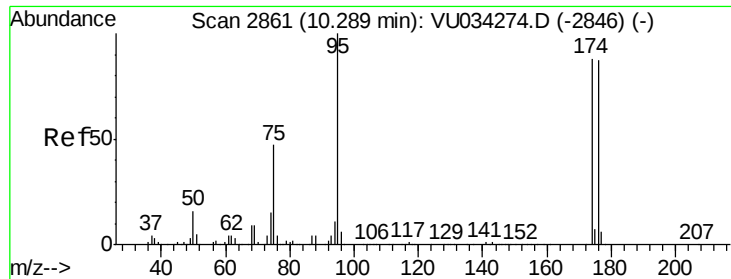
#50
Toluene-d8
Concen: 52.349 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034454.D
Acq: 10 Sep 2019 16:21

Tgt Ion: 98 Resp: 670682
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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

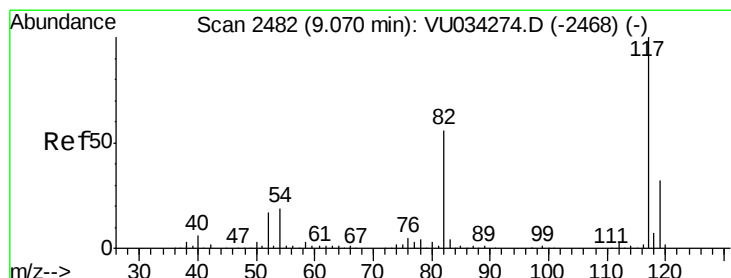
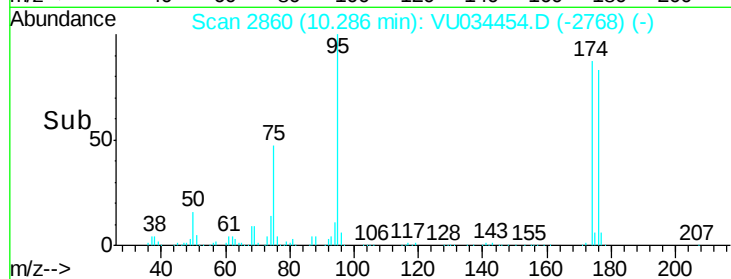
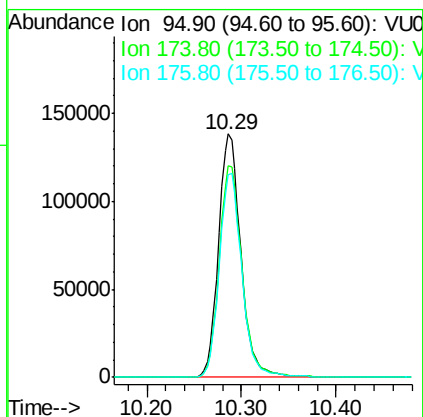
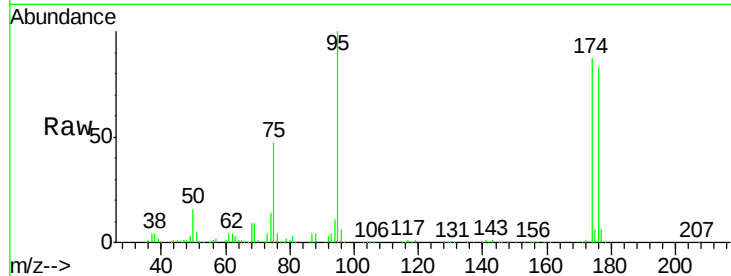




#62
4-Bromofluorobenzene
Concen: 46.031 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034454.D
Acq: 10 Sep 2019 16:21

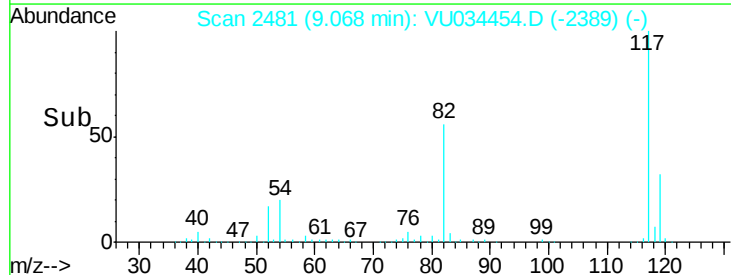
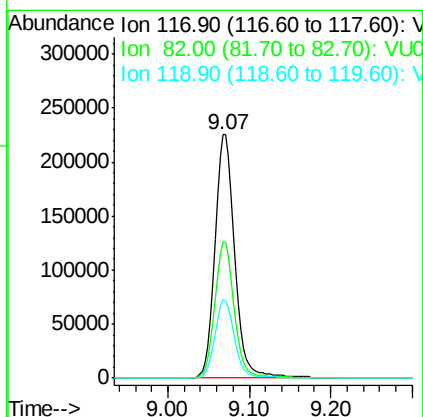
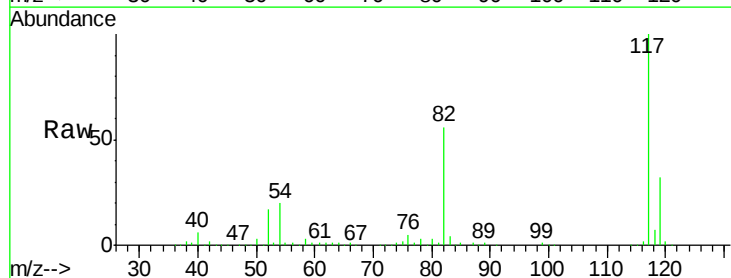
Instrument :
MSVOA_U
ClientSampleId :
T12-G4-(2.7)

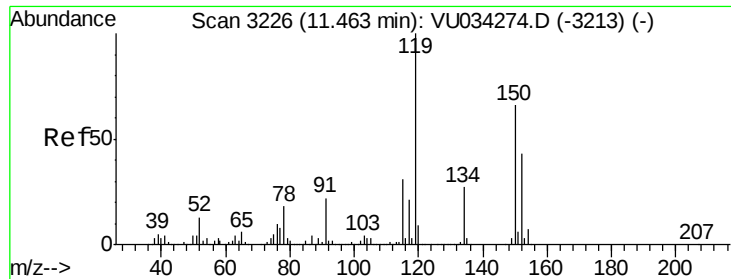
Tot Ion: 95 Resp: 227695
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.2
176 84.5 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034454.D
Acq: 10 Sep 2019 16:21

Tgt Ion: 117 Resp: 388987
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.1 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: VU034454.D

Acq: 10 Sep 2019 16:21

Instrument :

MSVOA_U

ClientSampleId :

T12-G4-(2.7)

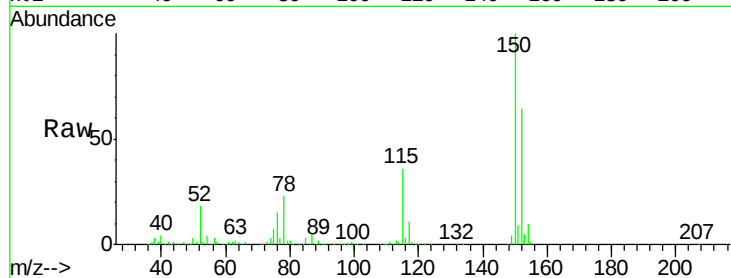
Tot Ion:152 Resp: 210866

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

150 155.8 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

