

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034110.D
 Acq On : 30 Aug 2019 19:46
 Operator : JC/SP
 Sample : K4529-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-T4-(1.9)

Quant Time: Aug 31 04:43:43 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

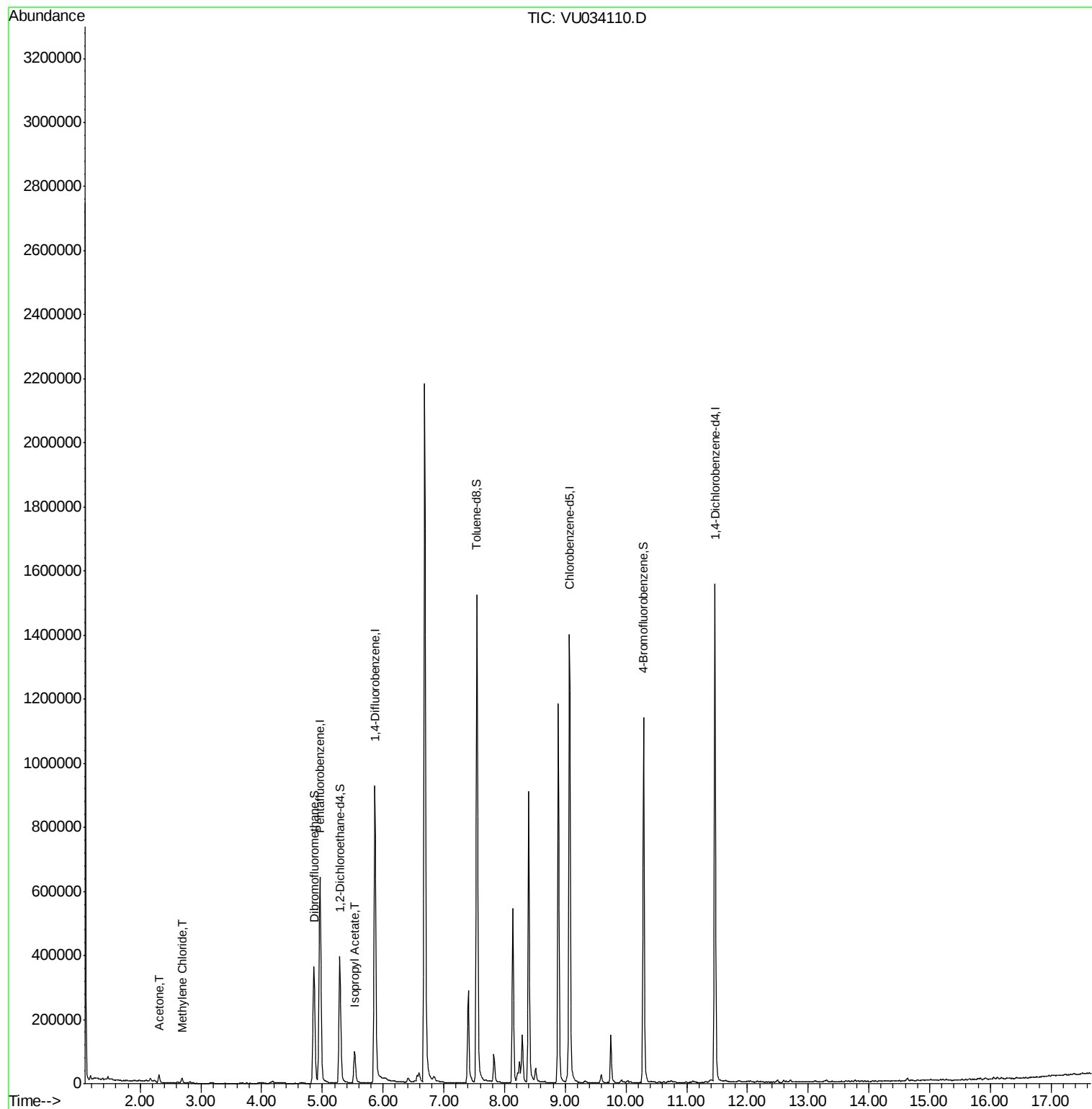
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	526651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	841746	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	807754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	417856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	312407	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	4.86	113	262629	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
50) Toluene-d8	7.55	98	1062977	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.29	95	394724	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
16) Acetone	2.31	43	26180	7.603	ug/l	100
20) Methylene Chloride	2.69	84	7336	1.125	ug/l	96
43) Isopropyl Acetate	5.53	43	120016	8.848	ug/l	99

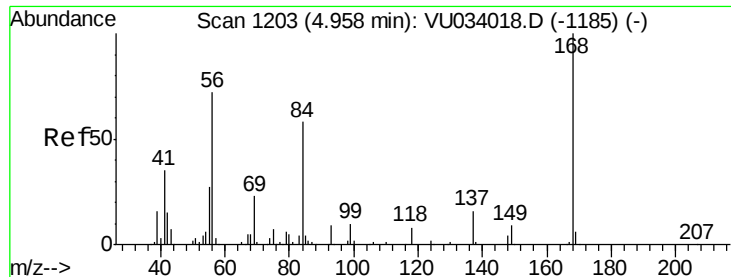
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034110.D

Acq: 30 Aug 2019 19:46

Instrument :

MSVOA_U

ClientSampleId :

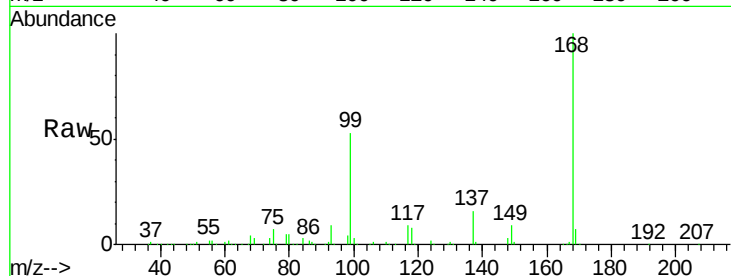
T9-12-13-T4-(1.9)

Tot Ion:168 Resp: 526651

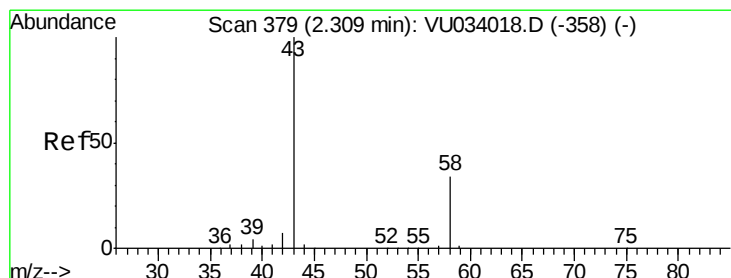
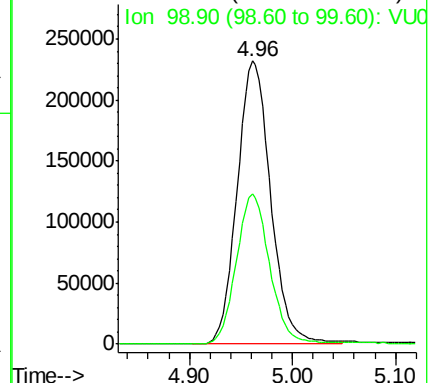
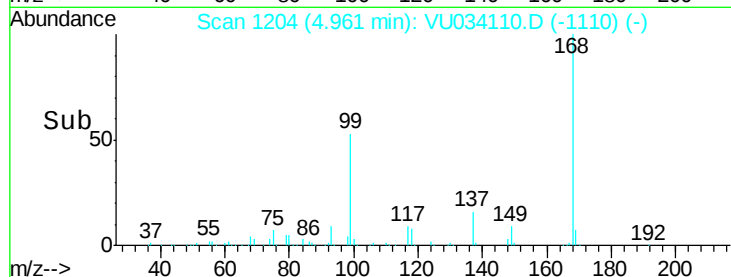
Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034110.D (-1110) (-)



#16

Acetone

Concen: 7.603 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034110.D

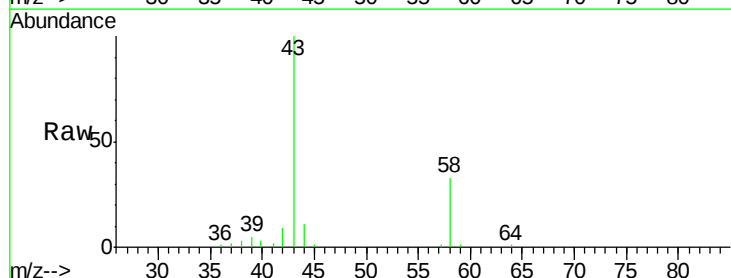
Acq: 30 Aug 2019 19:46

Tgt Ion: 43 Resp: 26180

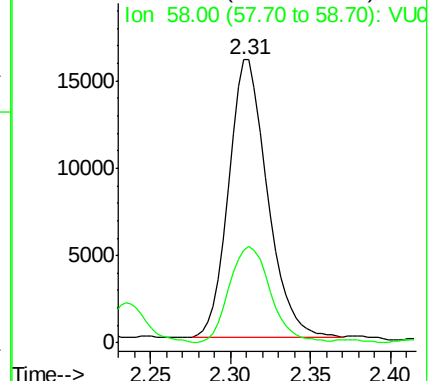
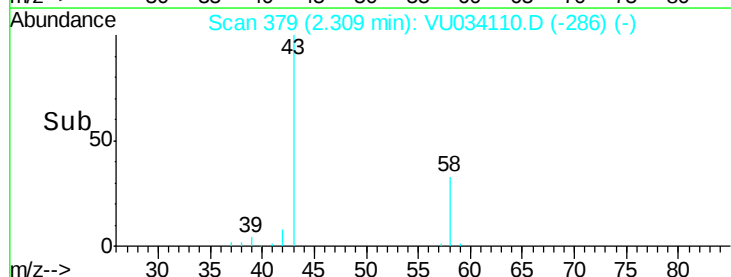
Ion Ratio Lower Upper

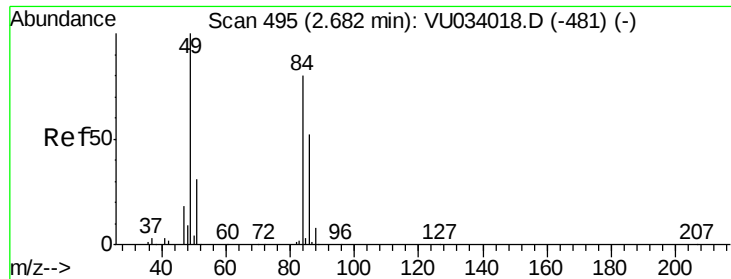
43 100

58 33.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034110.D (-286) (-)

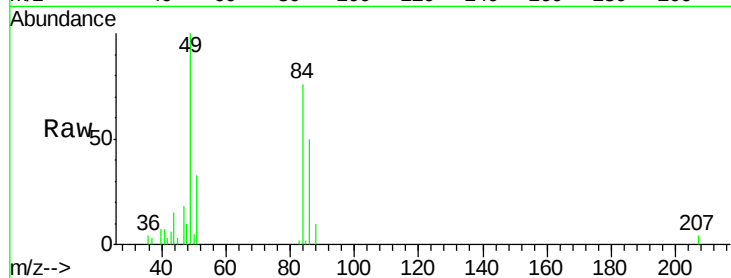




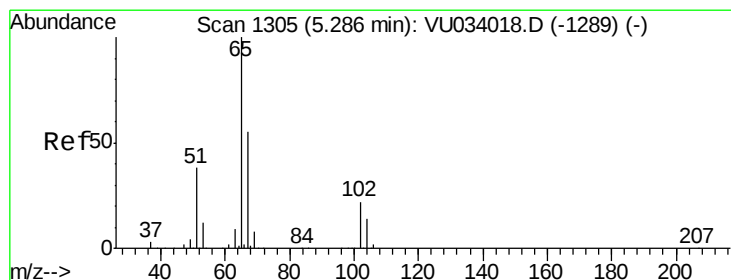
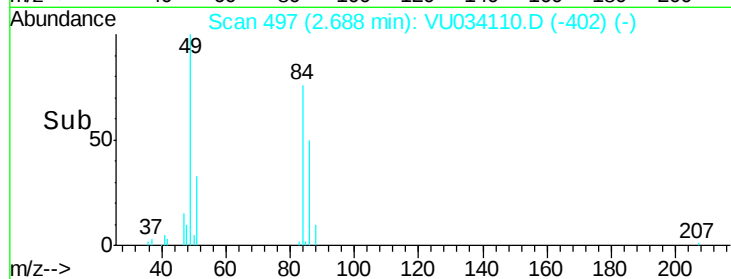
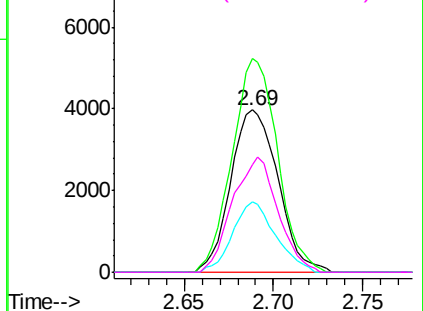
#20
Methvlene Chloride
Concen: 1.125 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034110.D
Acq: 30 Aug 2019 19:46

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-T4-(1.9)

Tot Ion: 84 Resp: 7336
Ion Ratio Lower Upper
84 100
49 131.4 100.2 150.4
51 43.2 30.8 46.2
86 66.0 52.5 78.7

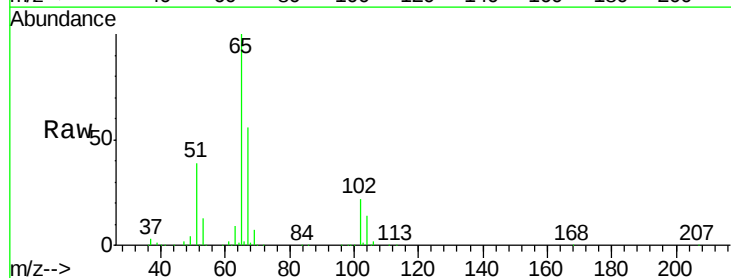


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

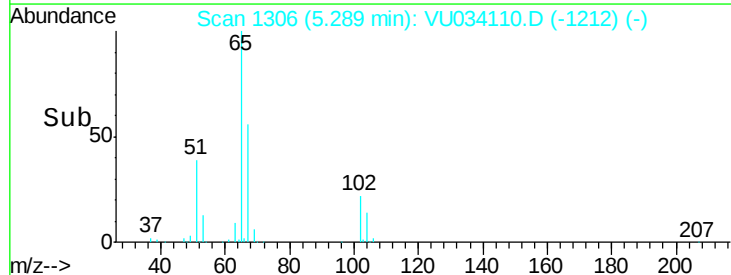
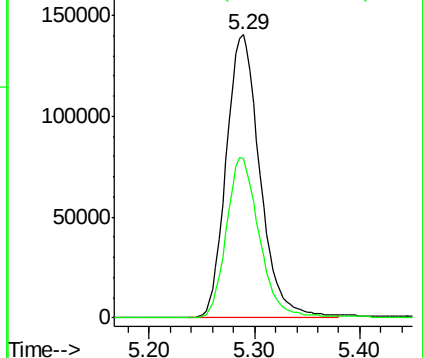


#33
1,2-Dichloroethane-d4
Concen: 46.295 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034110.D
Acq: 30 Aug 2019 19:46

Tgt Ion: 65 Resp: 312407
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6



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

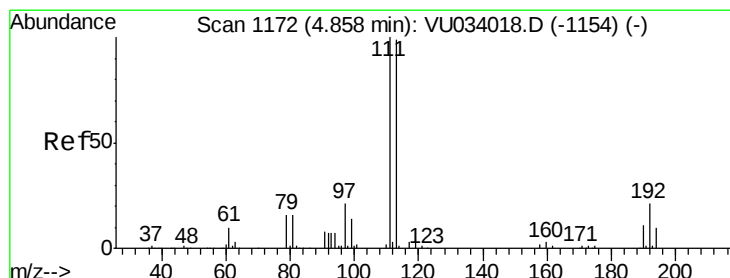
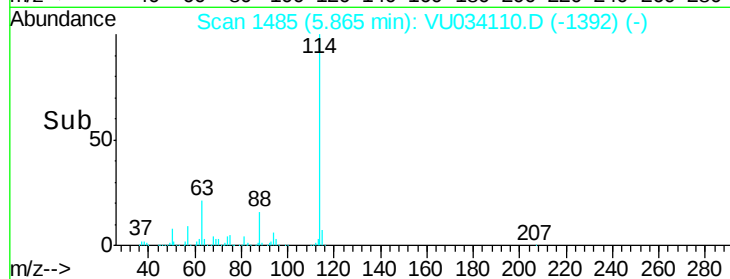
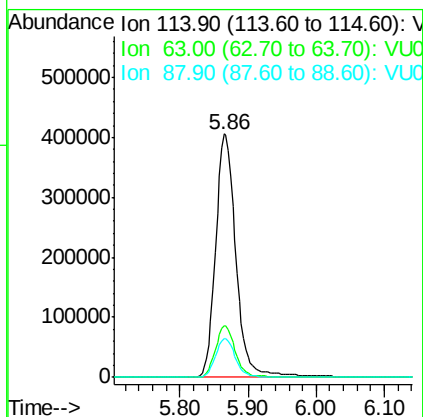
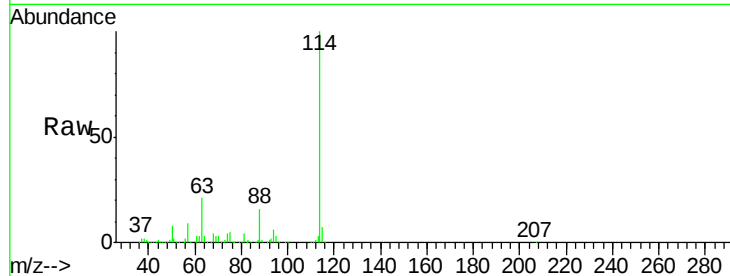




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034110.D
 Acq: 30 Aug 2019 19:46

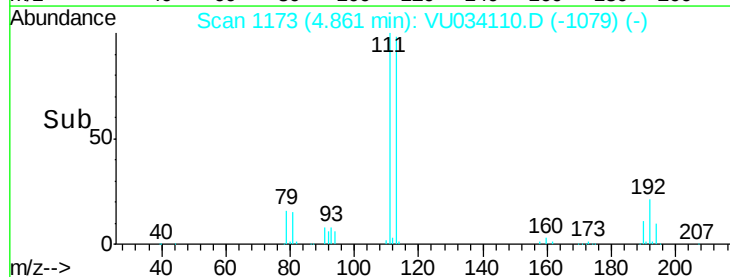
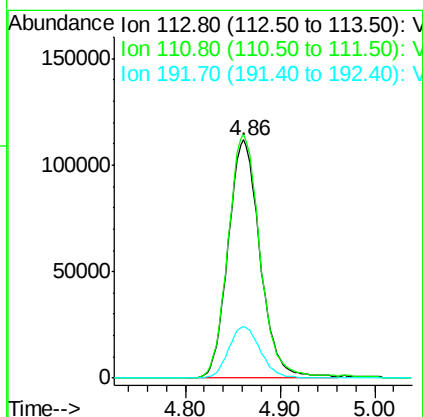
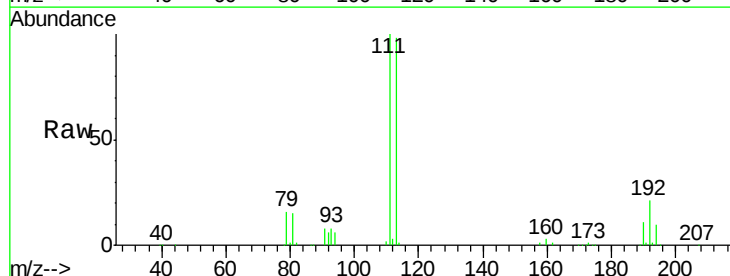
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-T4-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.0
88	15.9	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 44.984 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034110.D
 Acq: 30 Aug 2019 19:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	21.7	17.1	25.7





#43

Isopropyl Acetate

Concen: 8.848 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034110.D

Acq: 30 Aug 2019 19:46

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T4-(1.9)

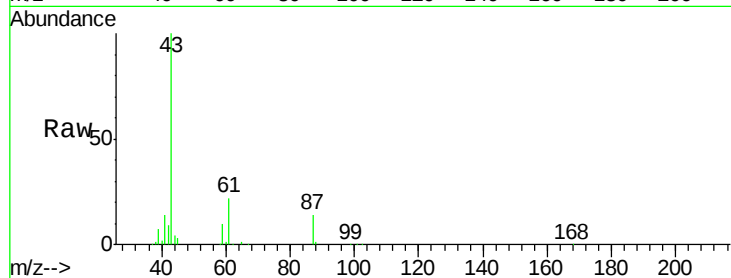
Tot Ion: 43 Resp: 120016

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

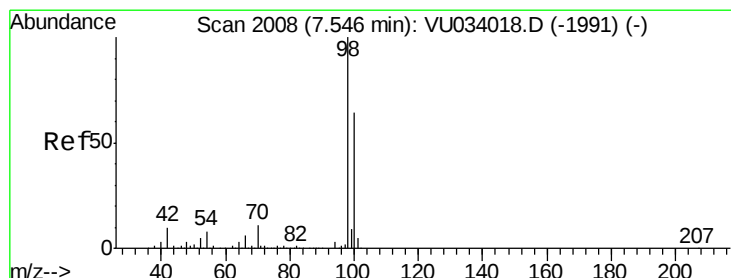
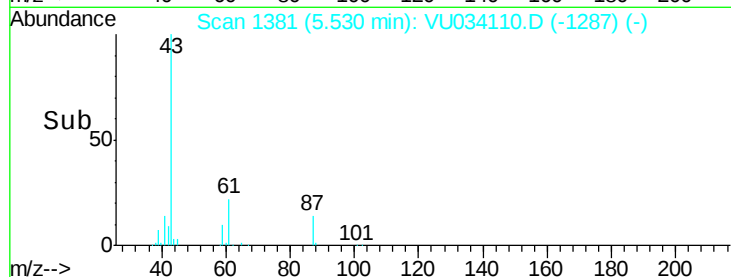
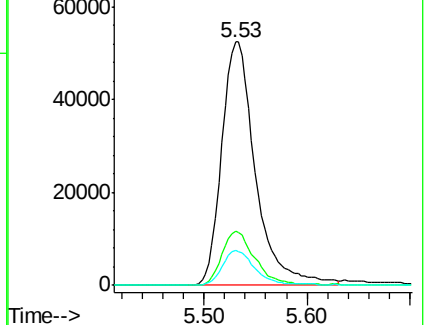
87 13.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034110.D (-1381) (-)

Ion 61.00 (60.70 to 61.70): VU034110.D (-1381) (-)

Ion 87.00 (86.70 to 87.70): VU034110.D (-1381) (-)



#50

Toluene-d8

Concen: 48.625 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034110.D

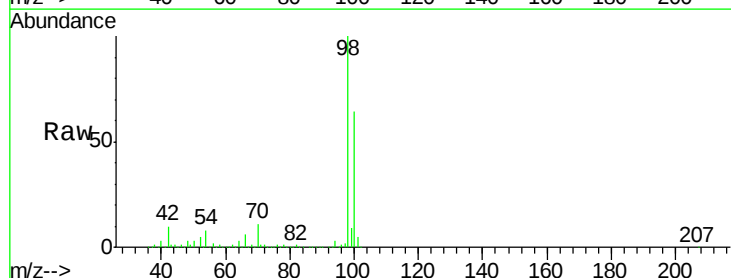
Acq: 30 Aug 2019 19:46

Tgt Ion: 98 Resp: 1062977

Ion Ratio Lower Upper

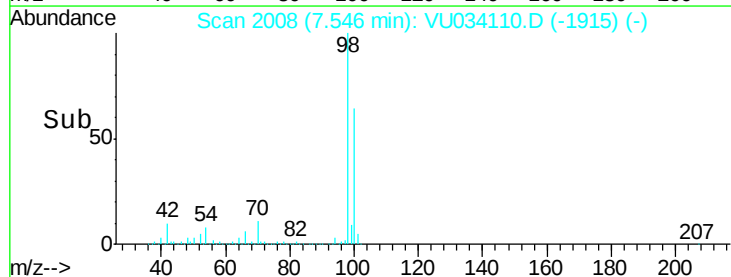
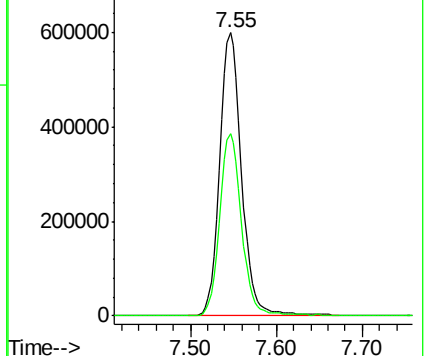
98 100

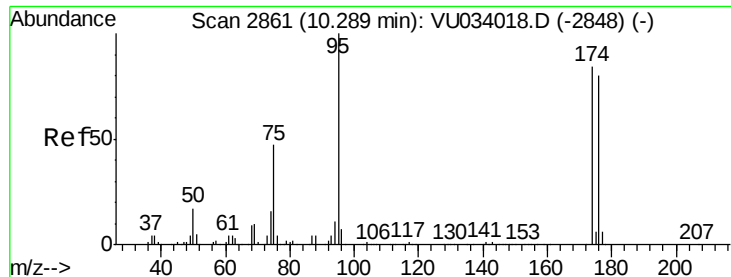
100 64.2 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034110.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034110.D (-2008) (-)

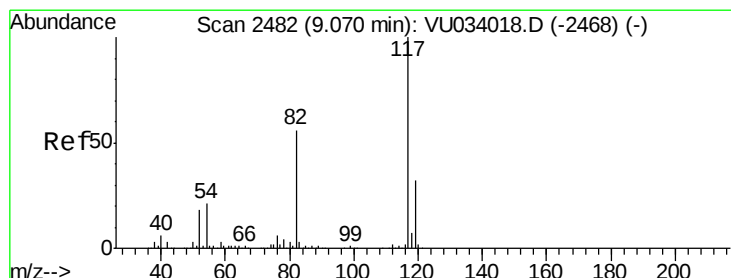
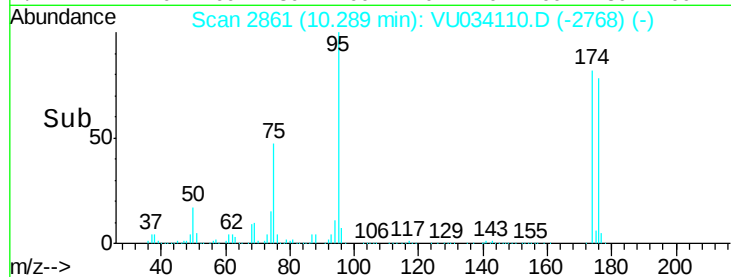
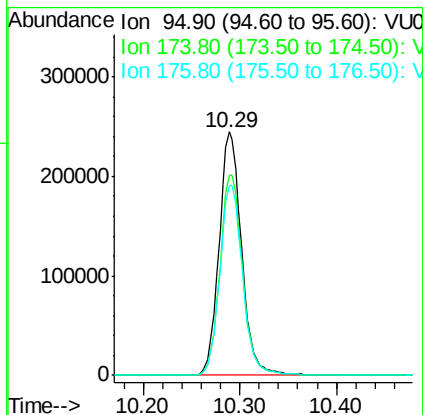
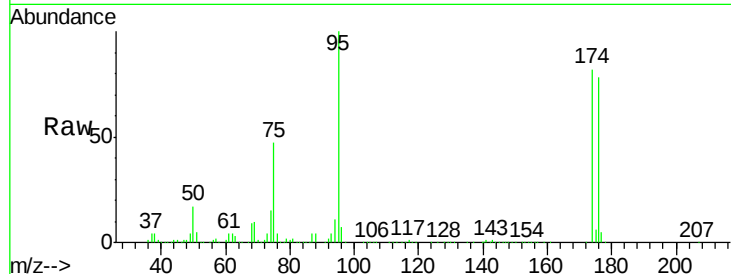




#62
4-Bromofluorobenzene
Concen: 46.419 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034110.D
Acq: 30 Aug 2019 19:46

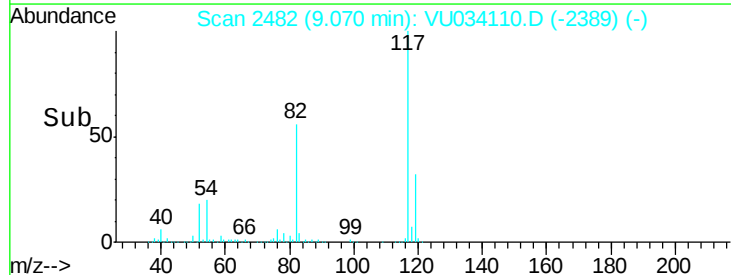
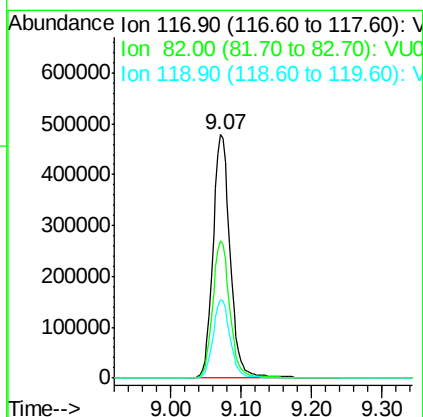
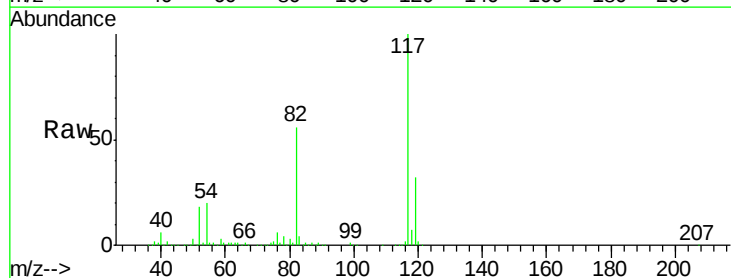
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-T4-(1.9)

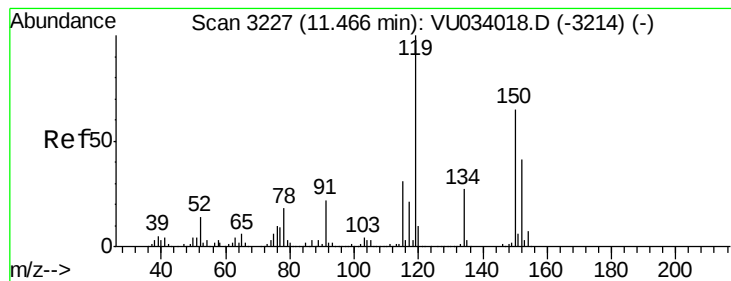
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	168.8
176	79.6	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034110.D
Acq: 30 Aug 2019 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.1	67.7
119	32.1	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034110.D

Acq: 30 Aug 2019 19:46

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T4-(1.9)

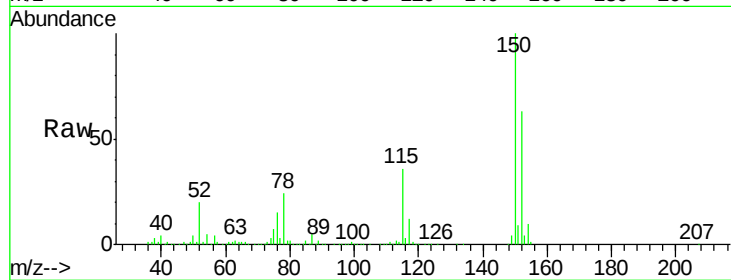
Tot Ion:152 Resp: 417856

Ion Ratio Lower Upper

152 100

115 57.5 41.1 123.3

150 158.4 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

