

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034295.D
 Acq On : 05 Sep 2019 19:47
 Operator : JC/SP
 Sample : K4548-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-2-(2.5)

Quant Time: Sep 06 08:28:30 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

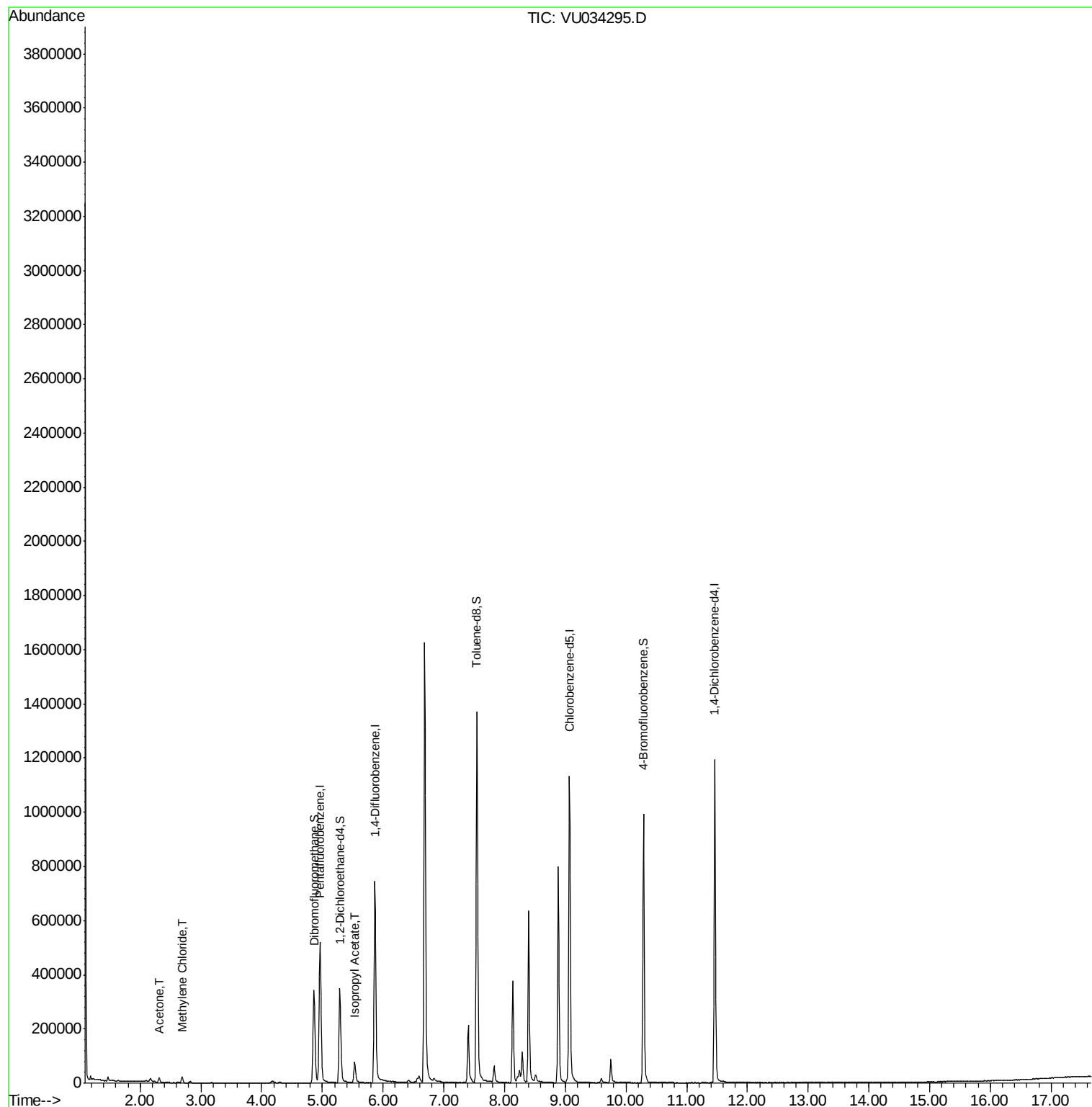
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	430794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	670861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	675956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	274446	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
35) Dibromofluoromethane	4.86	113	243876	39.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.14%	
50) Toluene-d8	7.55	98	971888	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
62) 4-Bromofluorobenzene	10.29	95	345958	38.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.42%	
Target Compounds						
16) Acetone	2.31	43	19856	5.887	ug/l	100
20) Methylene Chloride	2.69	84	10218	1.462	ug/l	95
43) Isopropyl Acetate	5.53	43	89957	6.704	ug/l	99

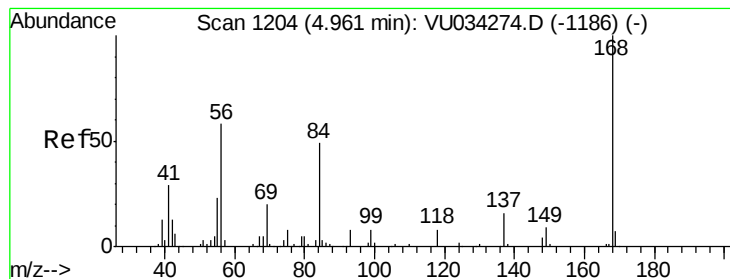
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034295.D

Acq: 05 Sep 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

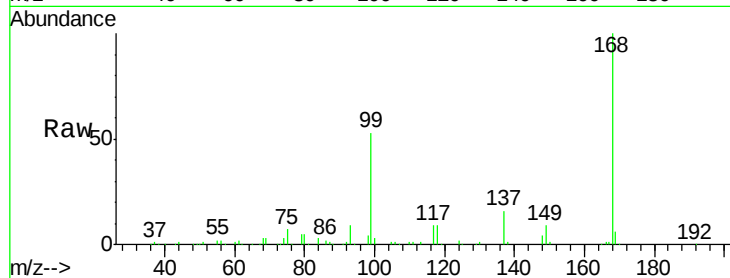
T11-2-(2.5)

Tot Ion:168 Resp: 430794

Ion Ratio Lower Upper

168 100

99 52.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034295.D (-1111) (-)

4.96

200000

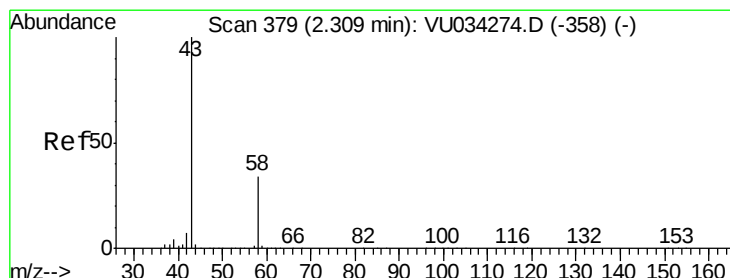
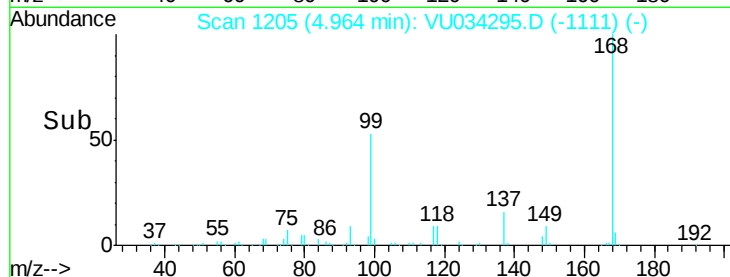
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.887 ug/l

RT: 2.31 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034295.D

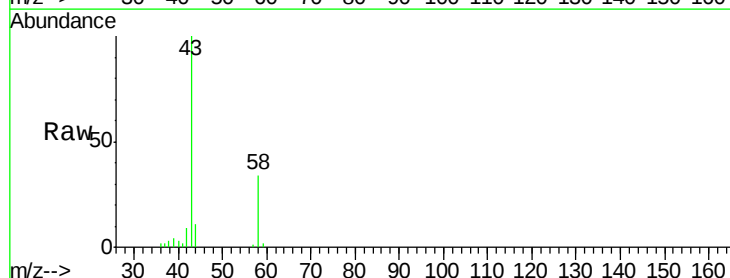
Acq: 05 Sep 2019 19:47

Tgt Ion: 43 Resp: 19856

Ion Ratio Lower Upper

43 100

58 34.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034295.D (-286) (-)

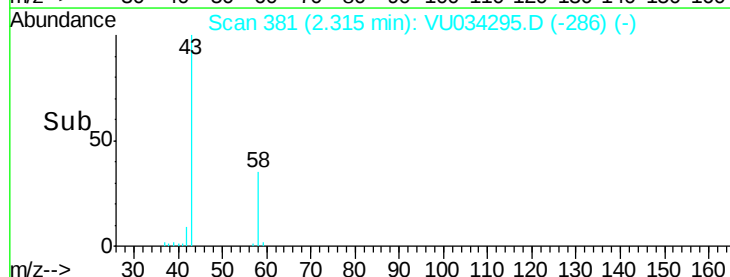
2.31

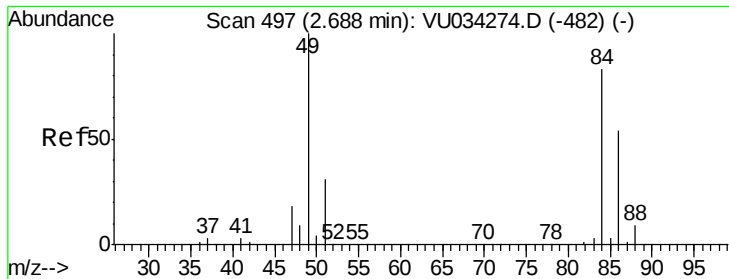
10000

5000

0

Time-->

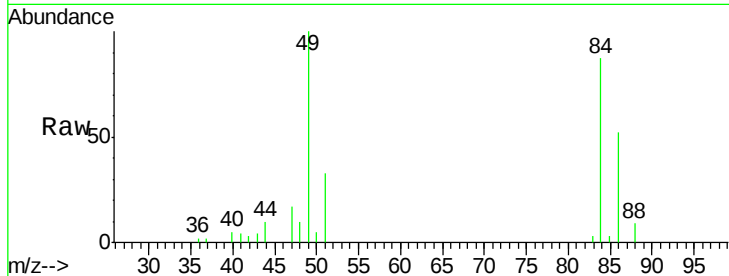




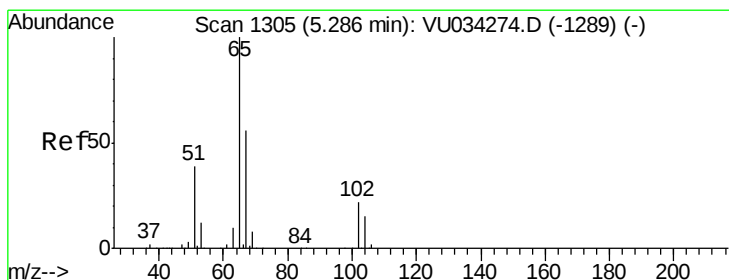
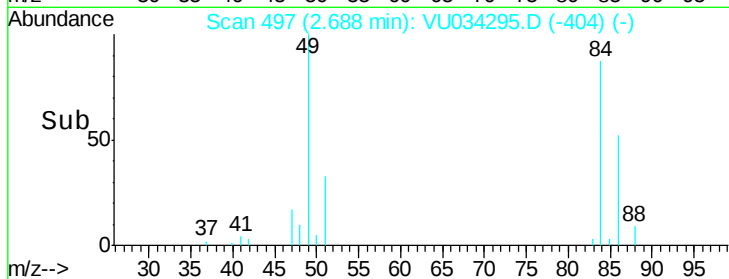
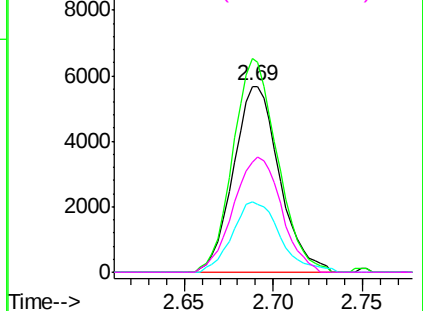
#20
Methvlene Chloride
Concen: 1.462 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034295.D
Acq: 05 Sep 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
T11-2-(2.5)

Tot Ion:	84	Resp:	10218
Ion	Ratio	Lower	Upper
84	100		
49	114.7	96.0	144.0
51	38.0	30.0	45.0
86	59.3	51.4	77.0

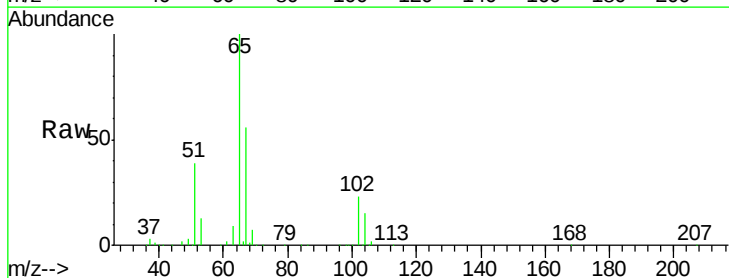


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

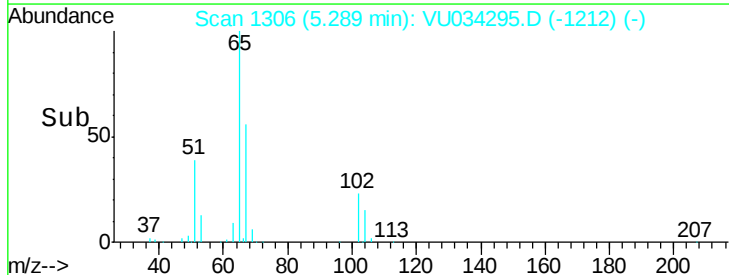
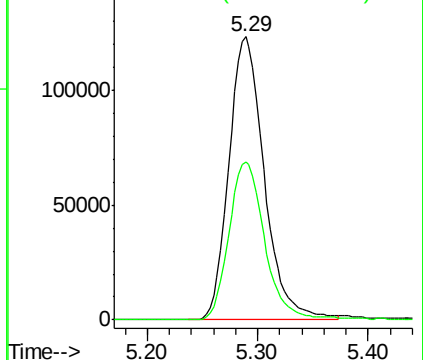


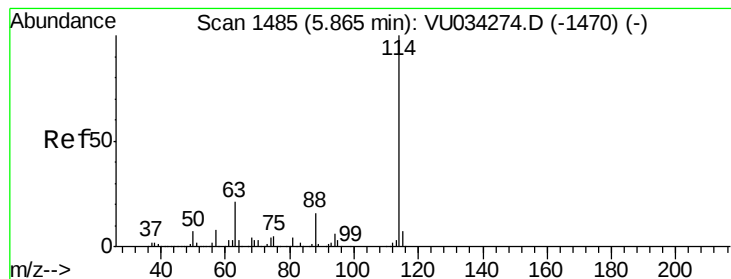
#33
1,2-Dichloroethane-d4
Concen: 42.106 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034295.D
Acq: 05 Sep 2019 19:47

Tgt Ion:	65	Resp:	274446
Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	112.4



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: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034295.D

Acq: 05 Sep 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

T11-2-(2.5)

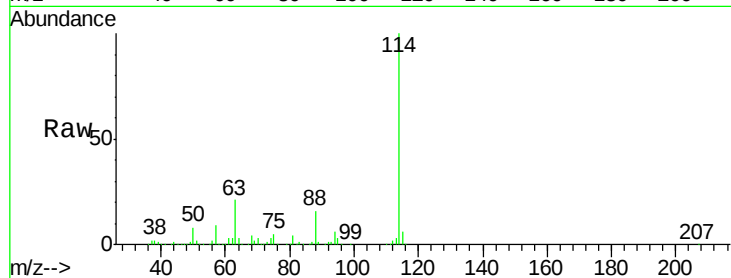
Tot Ion:114 Resp: 670861

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

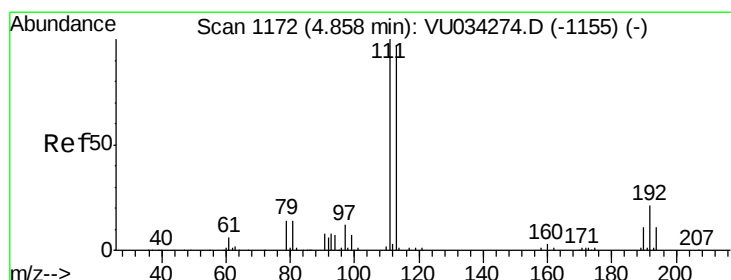
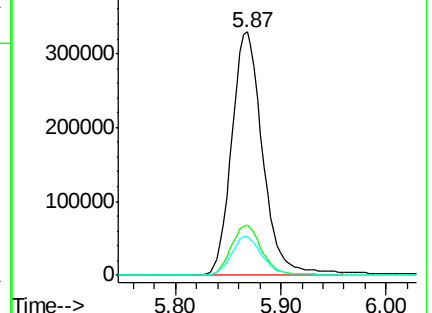
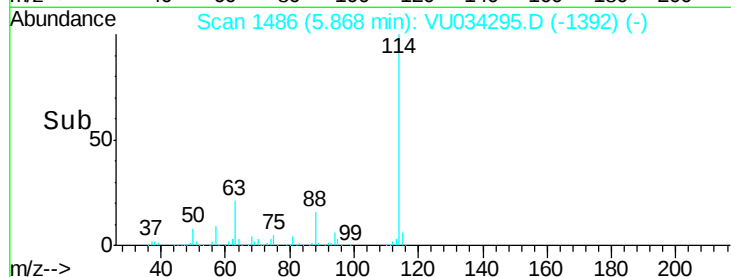
88 15.9 0.0 32.4



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: 39.068 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034295.D

Acq: 05 Sep 2019 19:47

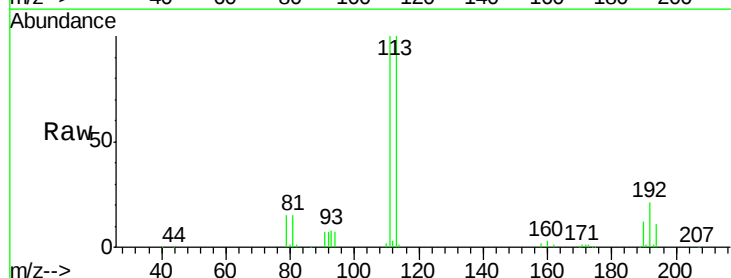
Tgt Ion:113 Resp: 243876

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

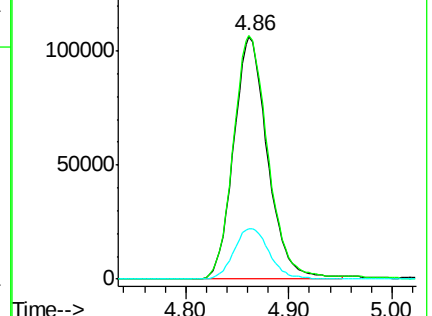
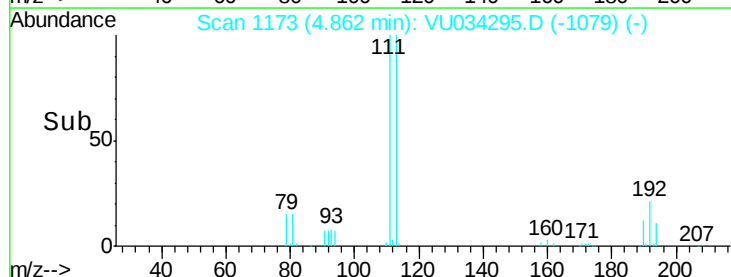
192 21.8 17.8 26.8

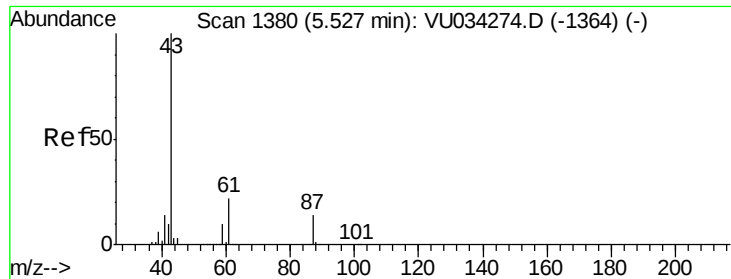


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

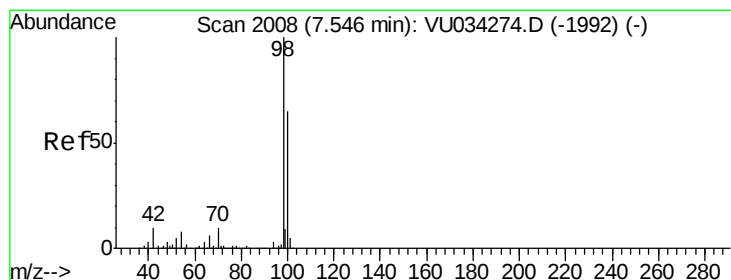
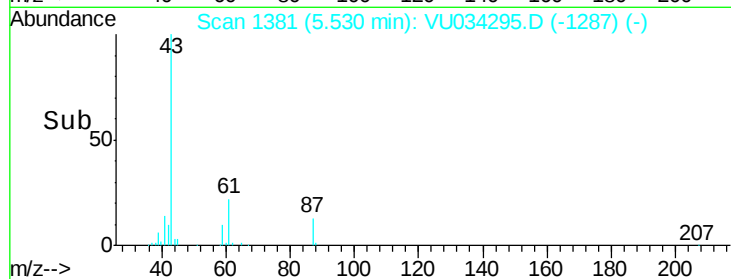
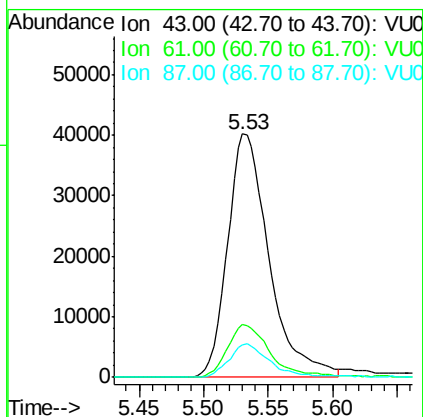
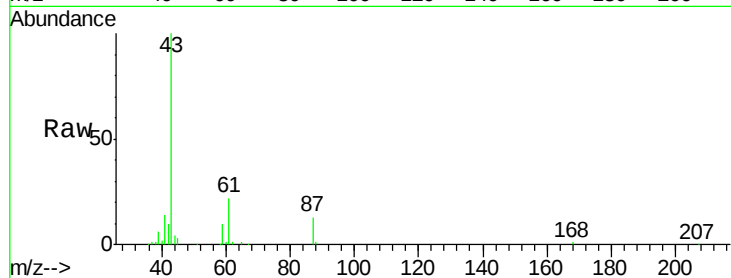




#43
Isopropyl Acetate
Concen: 6.704 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034295.D
Acq: 05 Sep 2019 19:47

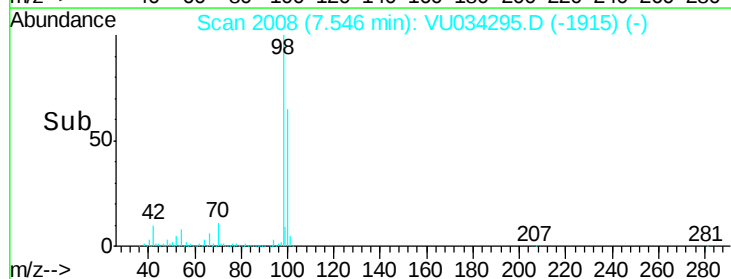
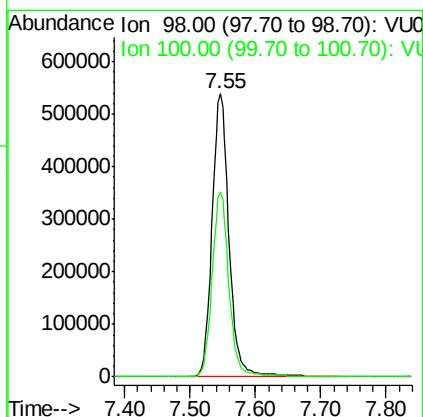
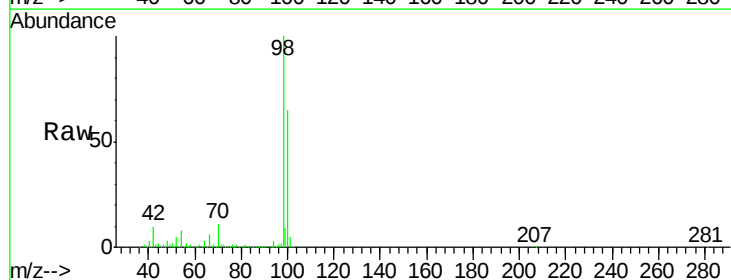
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T11-2-(2.5)

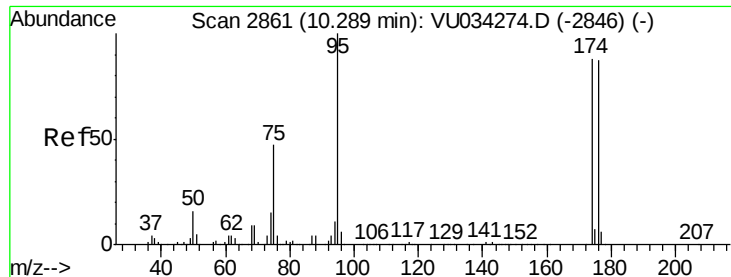
Tot Ion	43	Resp	89957
Ion Ratio	Lower	Upper	
43	100		
61	21.3	17.1	25.7
87	13.4	11.1	16.7



#50
Toluene-d8
Concen: 41.440 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034295.D
Acq: 05 Sep 2019 19:47

Tgt Ion	98	Resp	971888
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.7	77.5

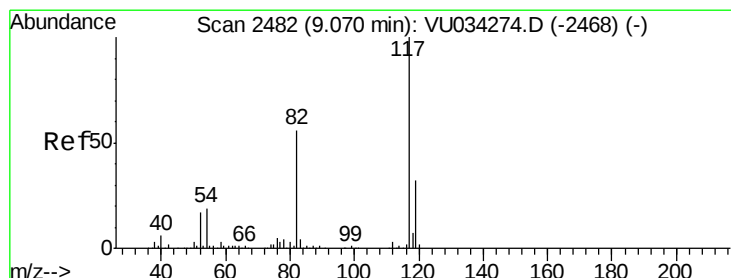
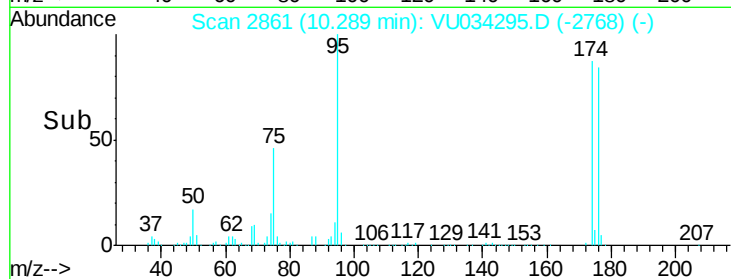
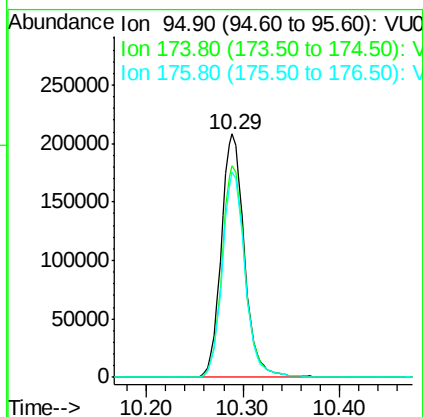
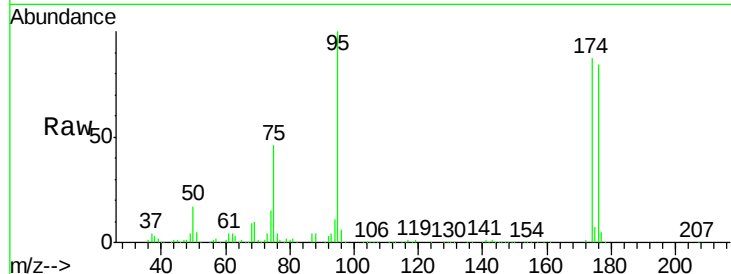




#62
4-Bromofluorobenzene
Concen: 38.206 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034295.D
Acq: 05 Sep 2019 19:47

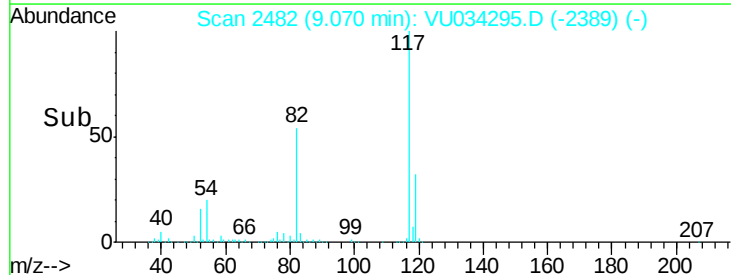
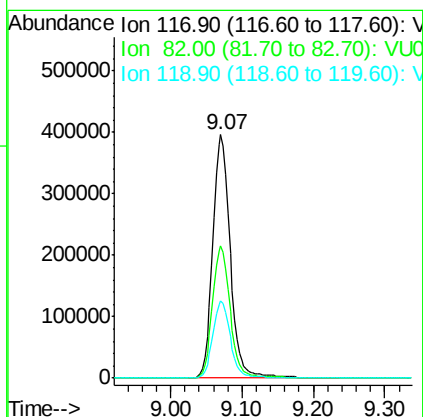
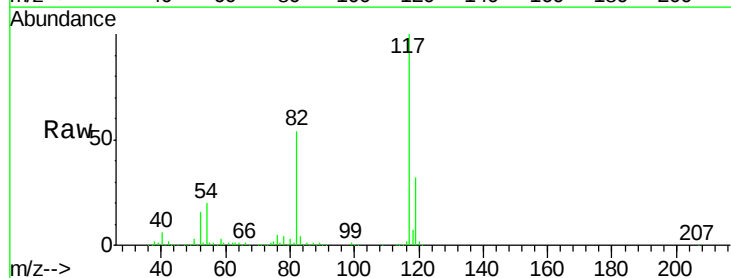
Instrument :
MSVOA_U
ClientSampleId :
T11-2-(2.5)

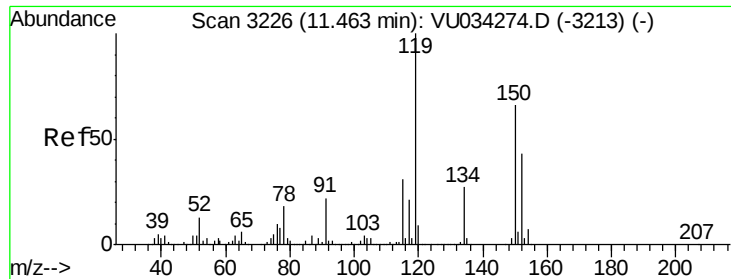
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	175.2
176	83.4	0.0	168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034295.D
Acq: 05 Sep 2019 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.9	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: VU034295.D

Acq: 05 Sep 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

T11-2-(2.5)

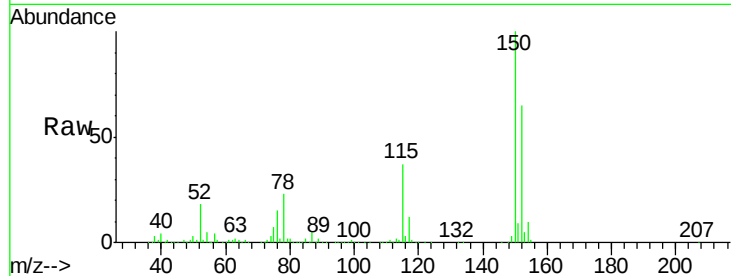
Tot Ion:152 Resp: 339422

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.3

150 156.2 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

