

Data File : VU025015.D
Acq On : 28 Jun 2018 13:03
Operator : MD/SY
Sample : J3670-11ME
Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Manual Integrations
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6/29/2018 4:23:32 PM

6/29/2018 4:23:32 PM

Quant Time: Jul 06 05:13:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	228011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	347720	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	336165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	192840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	174538	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
35) Dibromofluoromethane	4.89	113	134064	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	7.57	98	503220	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	10.32	95	212024	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
Target Compounds						
4) Vinyl Chloride	1.40	62	25821	8.587	ug/l	96
27) cis-1,2-Dichloroethene	4.22	96	62288	18.947	ug/l	90
52) Toluene	7.64	92	18431	2.461	ug/l	93
65) Chlorobenzene	9.13	112	14513	1.690	ug/l	94
80) 1,3,5-Trimethylbenzene	10.78	105	4811	0.375	ug/l	93
84) 1,2,4-Trimethylbenzene	11.16	105	6526	0.499	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	5634m	0.808	ug/l	
91) 1,2-Dichlorobenzene	11.89	146	11254	1.623	ug/l	95

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

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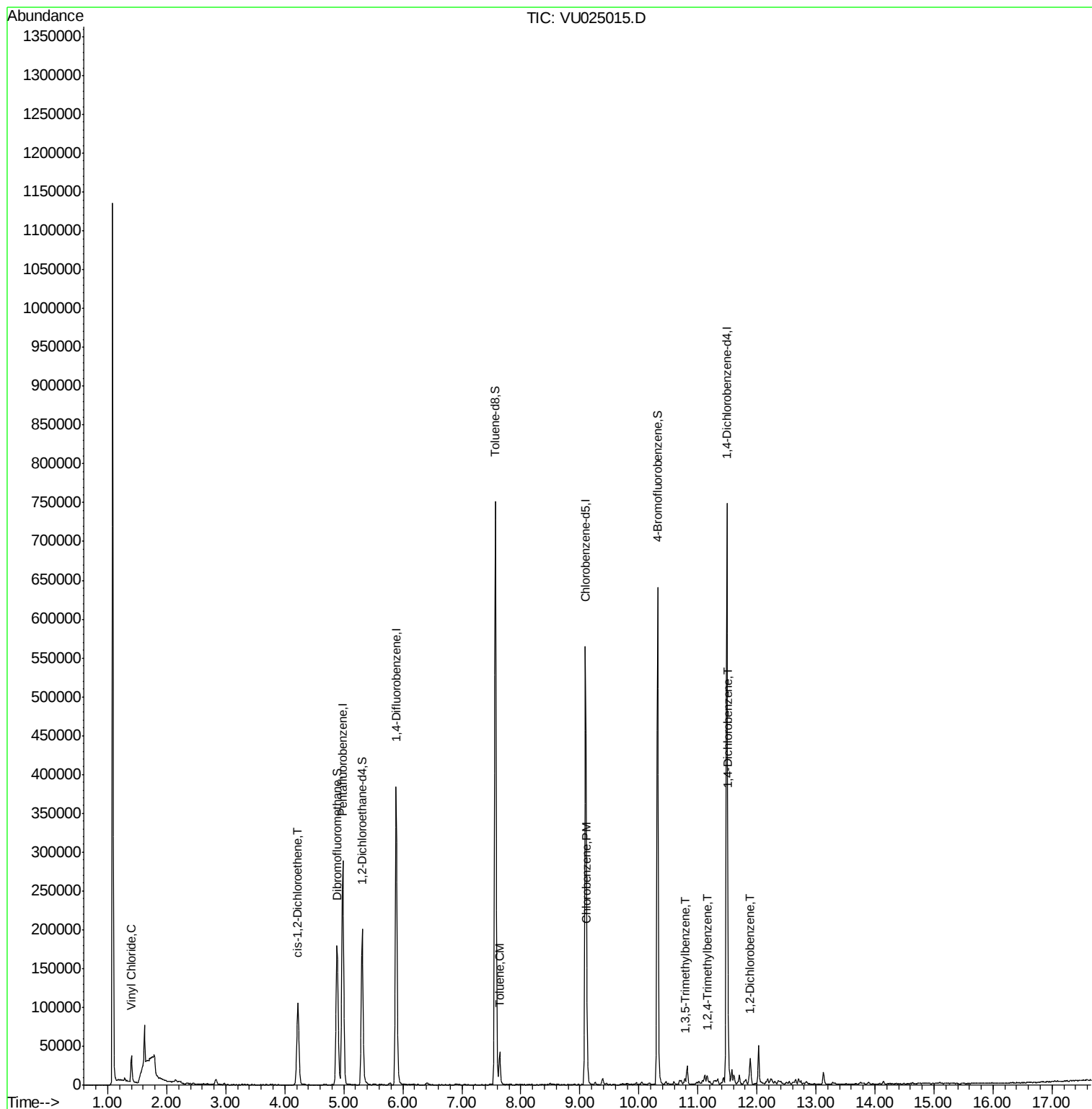
Instrument :
MSVOA_U
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WP021SB477-19-21-180621ME

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025015.D

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MSVOA_U

ClientSampleId :

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Tgt Ion: 168 Resp: 228011

Ion Ratio Lower Upper

168 100

99 55.7 43.2 64.8

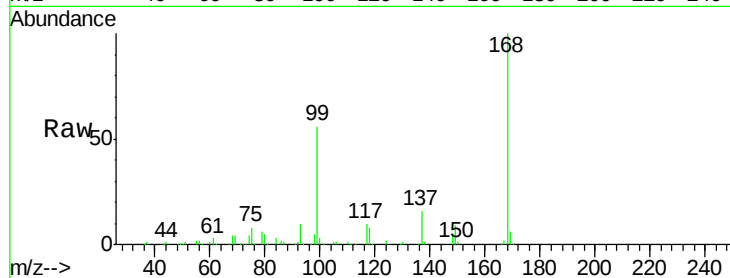
Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.98

100000

80000

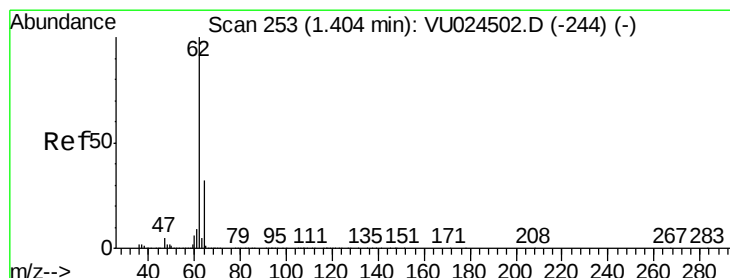
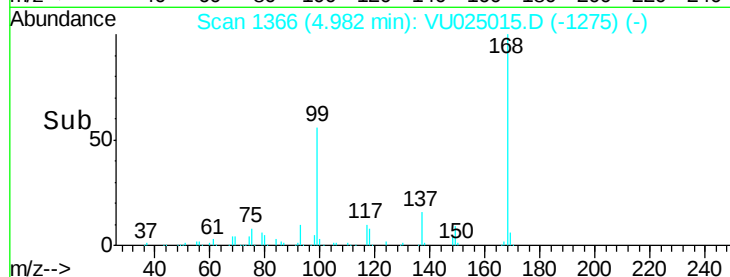
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 8.587 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025015.D

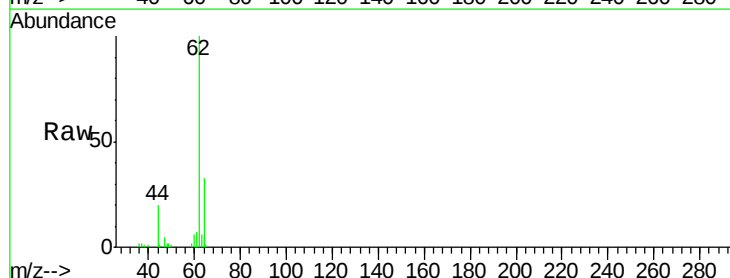
Acq: 28 Jun 2018 13:03

Tgt Ion: 62 Resp: 25821

Ion Ratio Lower Upper

62 100

64 33.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

20000

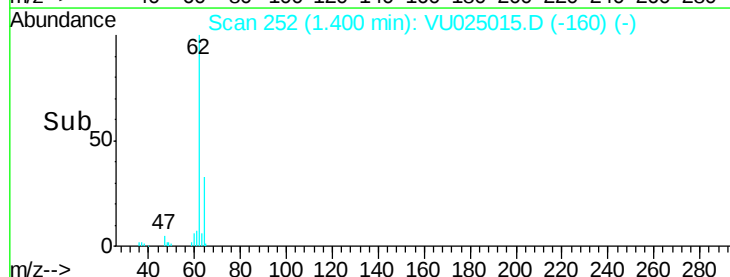
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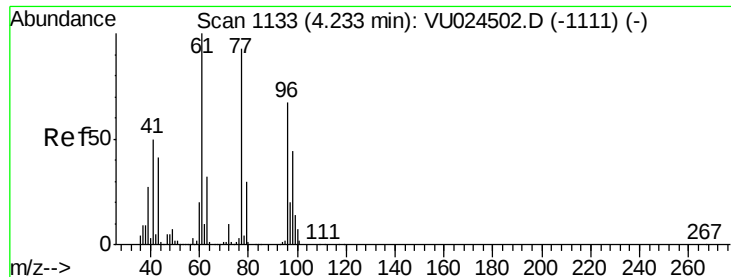
10000

5000

0

Time-->





#27
 cis-1,2-Dichloroethene
 Concen: 18.947 ug/l
 RT: 4.22 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: VU025015.D
 Acq: 28 Jun 2018 13:03

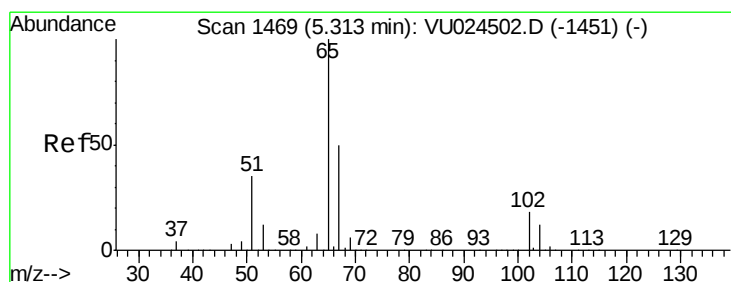
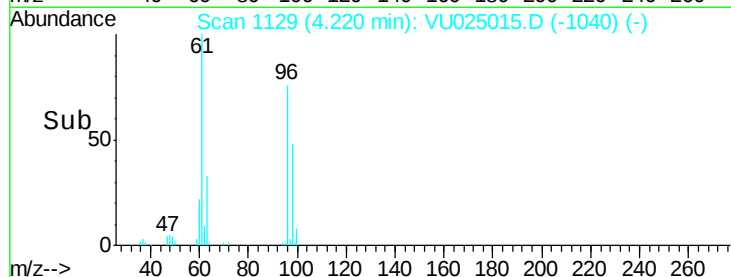
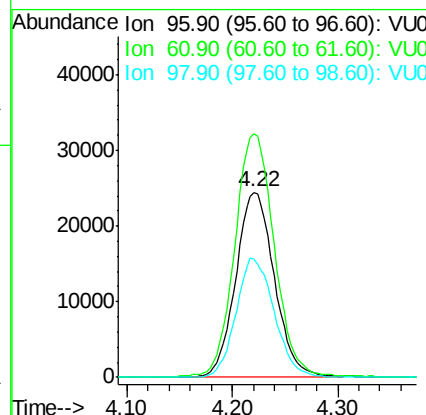
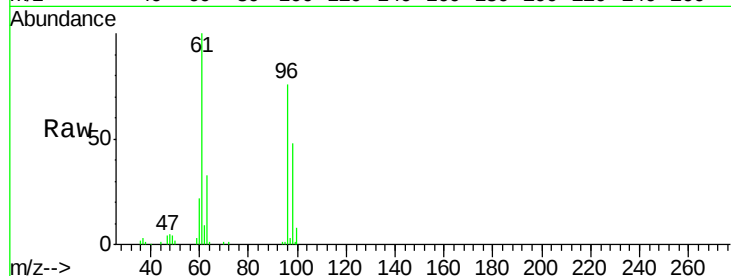
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-19-21-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	62288		
61	135.0	0.0	306.6	
98	63.5	0.0	128.8	

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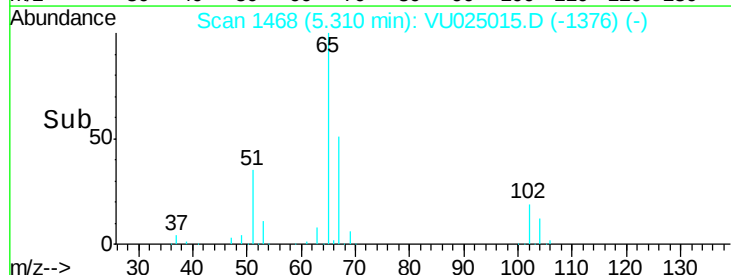
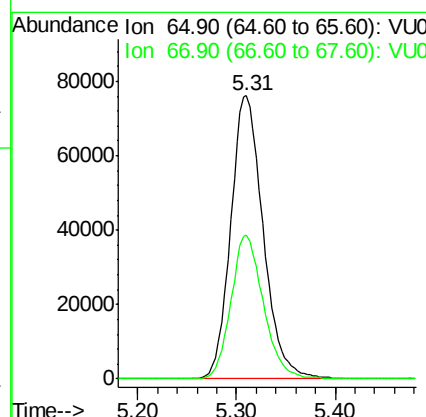
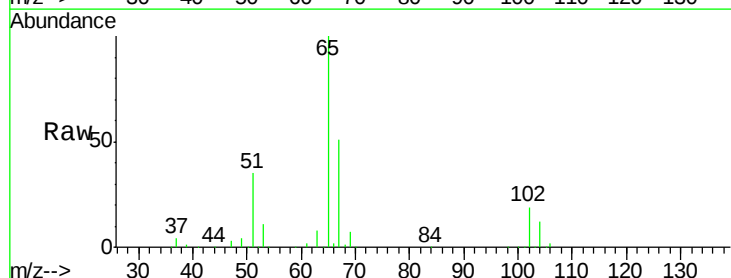
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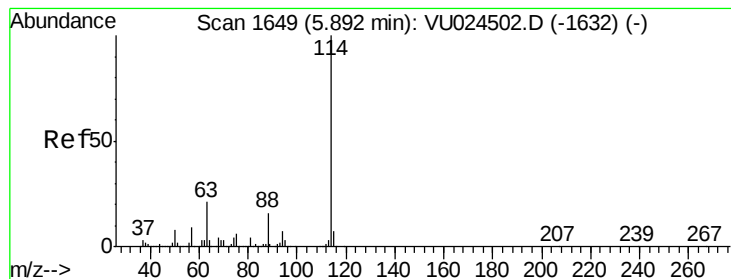
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#33
 1,2-Dichloroethane-d4
 Concen: 46.890 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025015.D
 Acq: 28 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	174538		
67	50.7	0.0	107.0	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU025015.D

Acq: 28 Jun 2018 13:03

Instrument :

MSVOA_U

ClientSampleId :

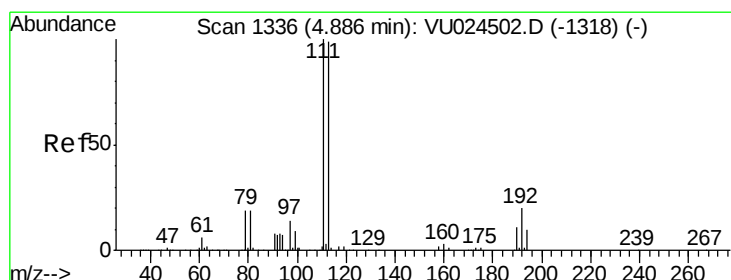
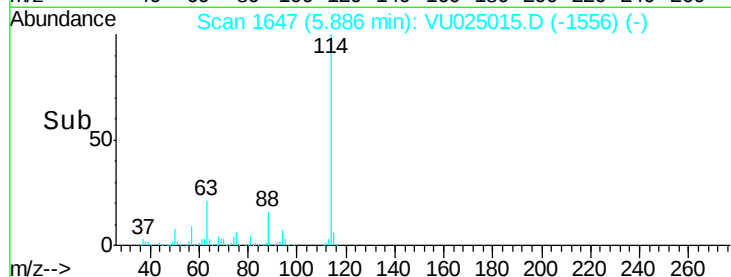
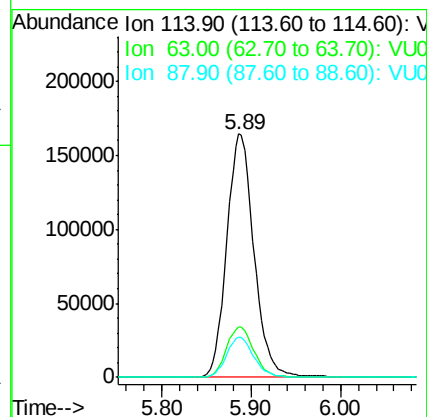
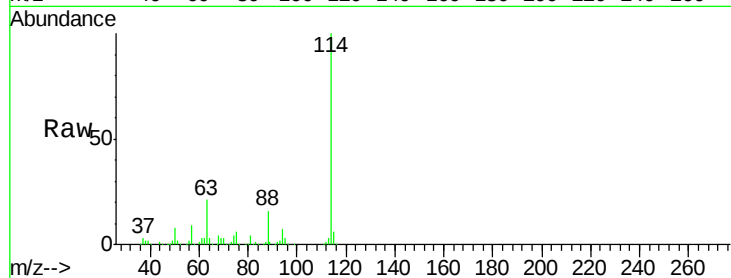
WP021SB477-19-21-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	347720		
63	20.5	0.0	45.4	
88	16.5	0.0	31.0	

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#35

Dibromofluoromethane

Concen: 46.456 ug/l

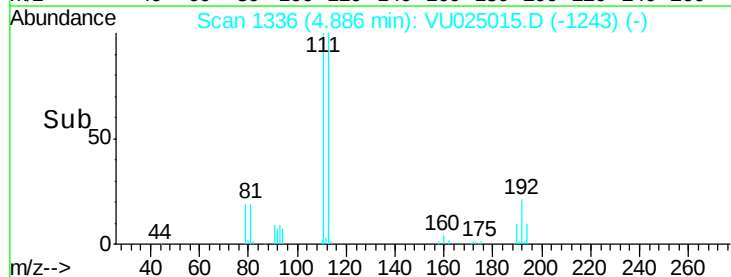
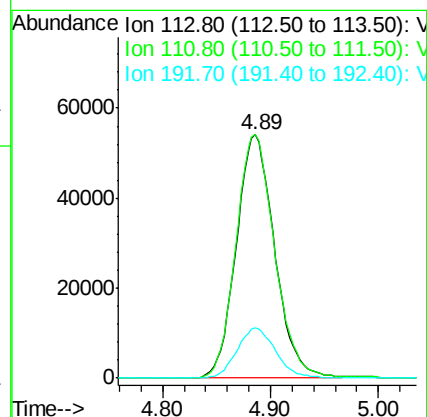
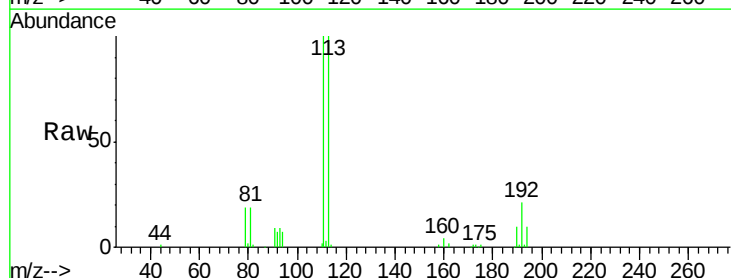
RT: 4.89 min Scan# 1336

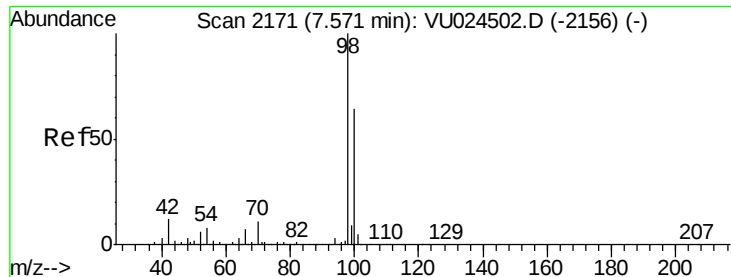
Delta R.T. 0.00 min

Lab File: VU025015.D

Acq: 28 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	134064		
111	100.7	82.2	123.4	
192	20.8	16.2	24.4	





#50
Toluene-d8
Concen: 47.806 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

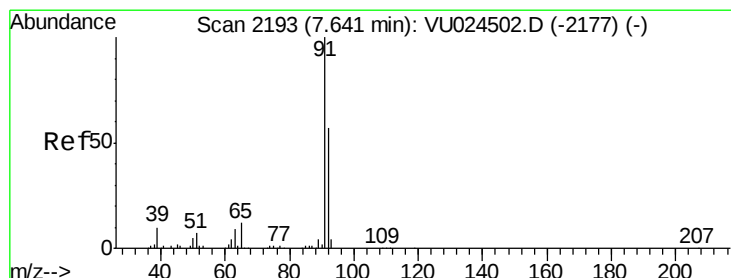
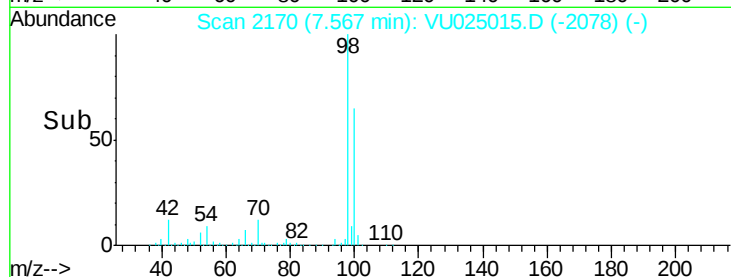
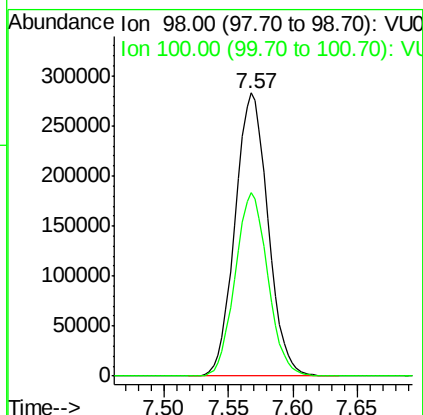
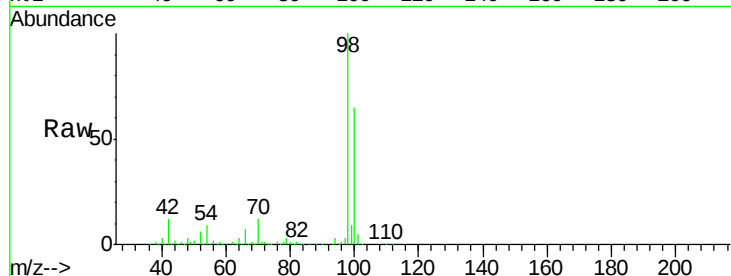
Instrument :
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Tgt Ion: 98 Resp: 503220
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

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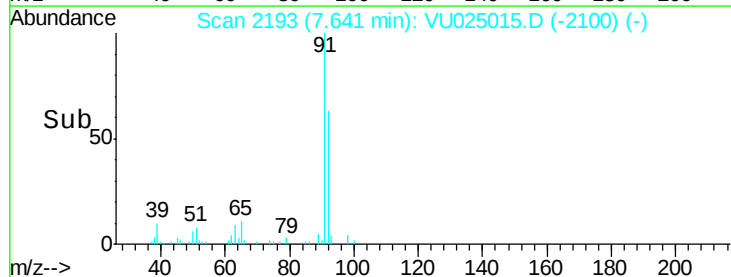
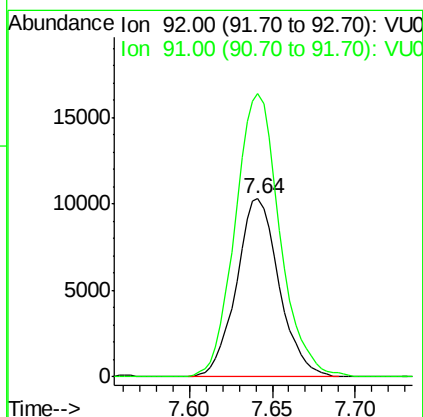
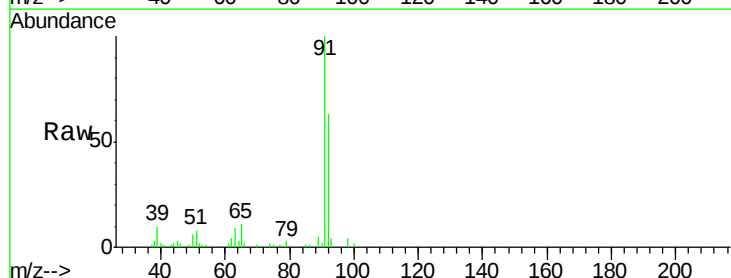
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#52
Toluene
Concen: 2.461 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 92 Resp: 18431
Ion Ratio Lower Upper
92 100
91 166.1 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 50.731 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025015.D

Acq: 28 Jun 2018 13:03

Instrument :

MSVOA_U

ClientSampleId :

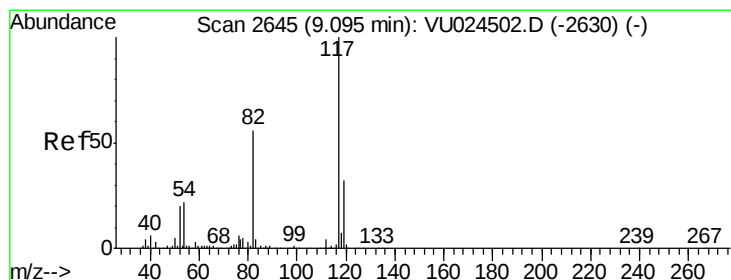
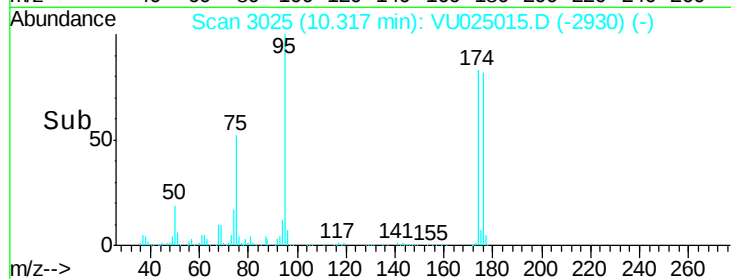
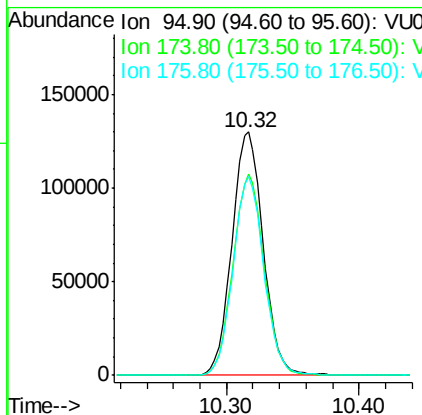
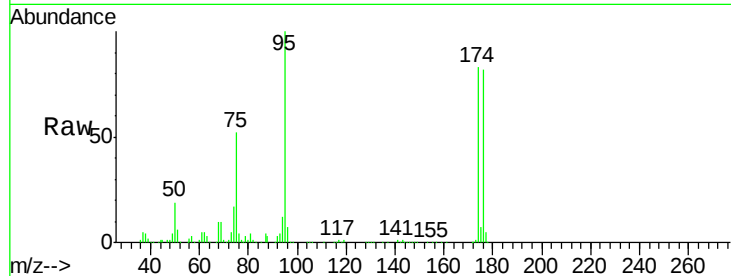
WP021SB477-19-21-180621ME

Tgt Ion:	95	Resp:	212024
Ion Ratio	Lower	Upper	
95	100		
174	82.8	0.0	165.8
176	80.6	0.0	159.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

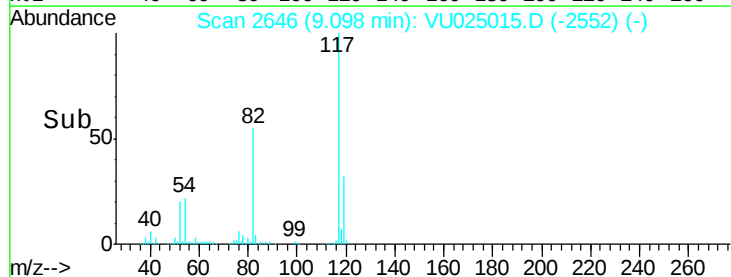
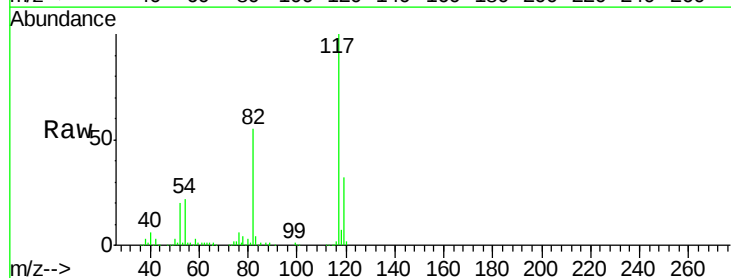
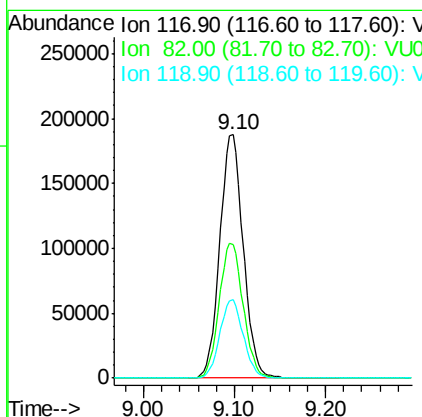
RT: 9.10 min Scan# 2646

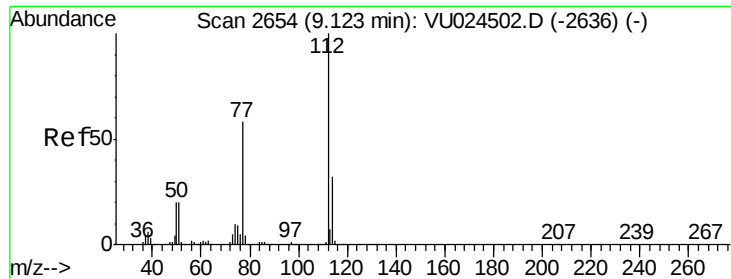
Delta R.T. 0.00 min

Lab File: VU025015.D

Acq: 28 Jun 2018 13:03

Tgt Ion:	117	Resp:	336165
Ion Ratio	Lower	Upper	
117	100		
82	54.9	44.3	66.5
119	32.0	25.4	38.2





#65
Chlorobenzene
Concen: 1.690 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

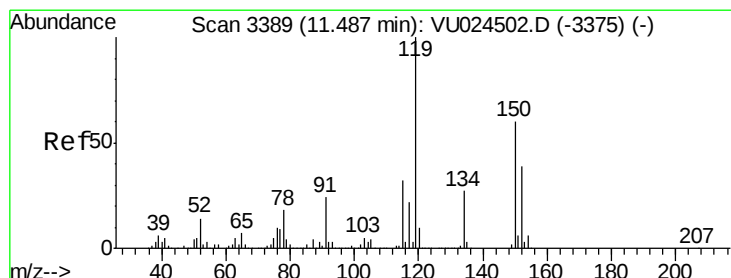
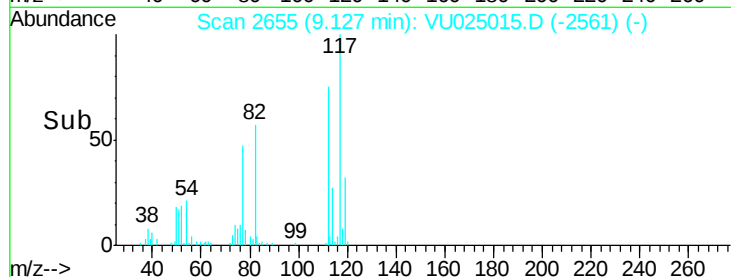
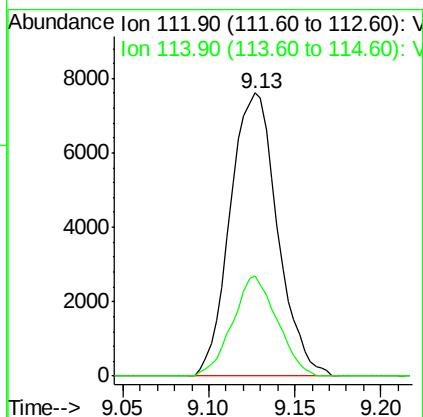
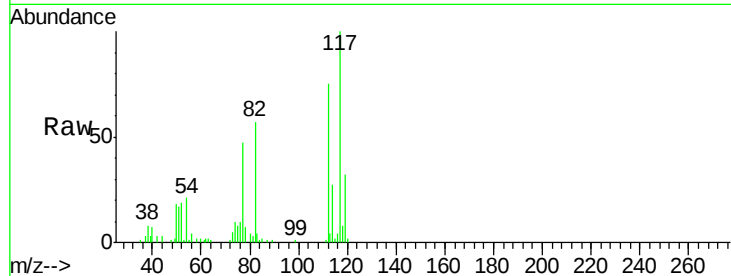
Instrument :
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Tgt Ion:112 Resp: 14513
Ion Ratio Lower Upper
112 100
114 35.3 25.6 38.4

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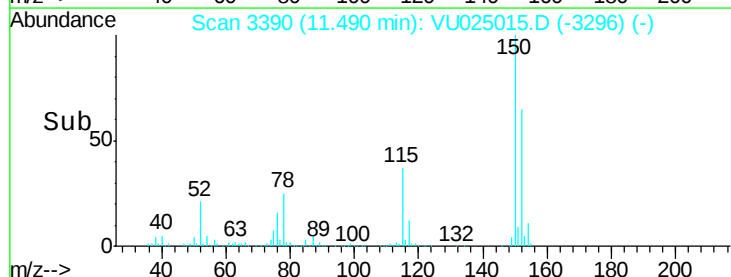
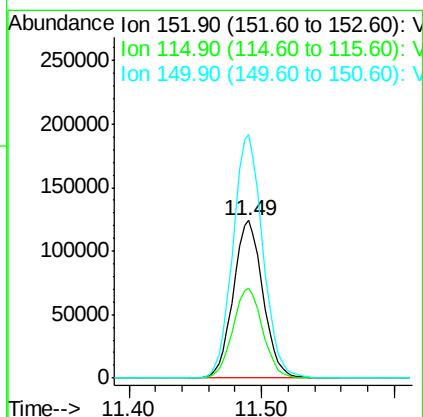
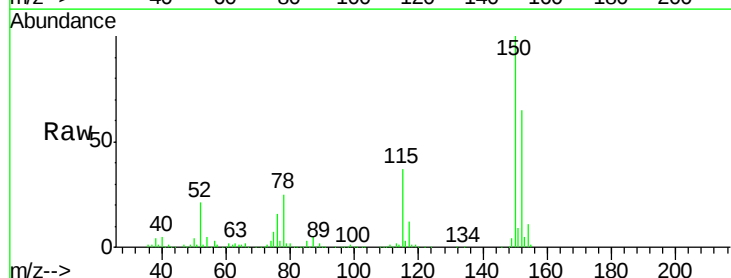
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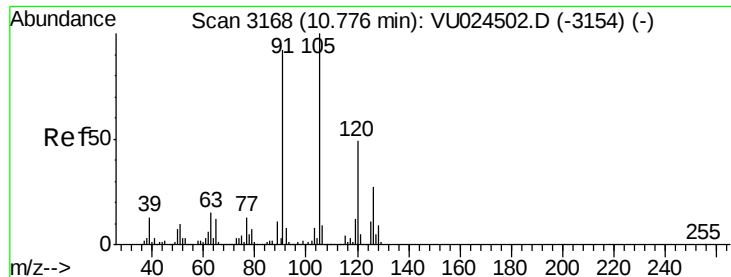
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:152 Resp: 192840
Ion Ratio Lower Upper
152 100
115 57.5 43.0 129.0
150 156.0 0.0 354.0





#80
 1,3,5-Trimethylbenzene
 Concen: 0.375 ug/l
 RT: 10.78 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VU025015.D
 Acq: 28 Jun 2018 13:03

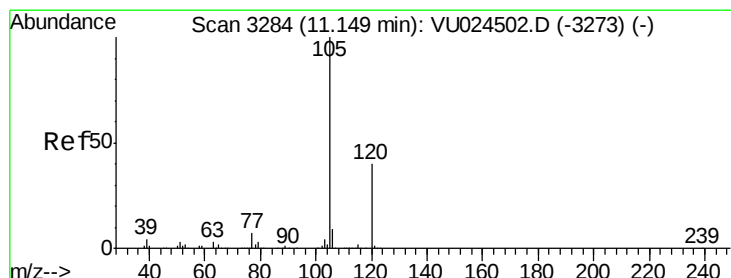
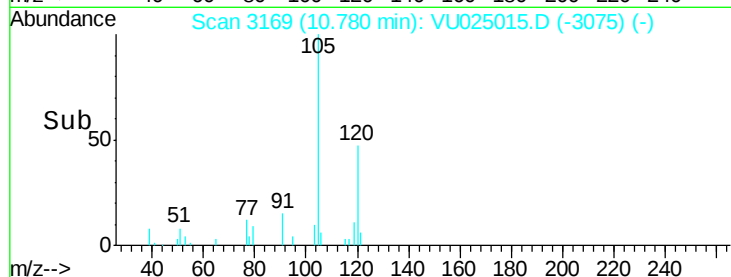
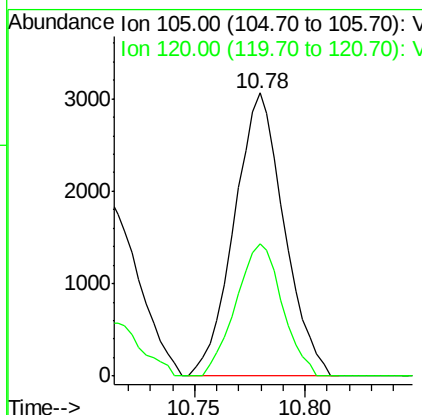
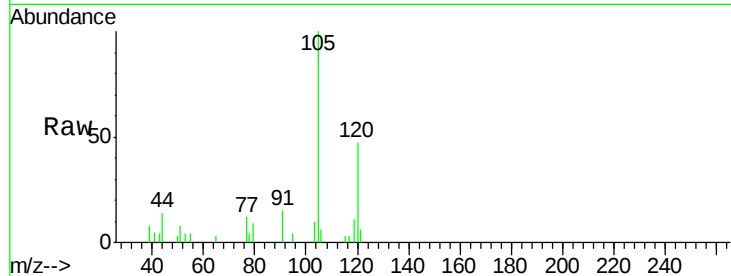
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-19-21-180621ME

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	24.1	72.2

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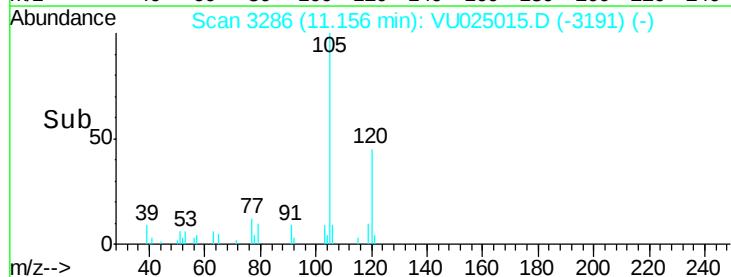
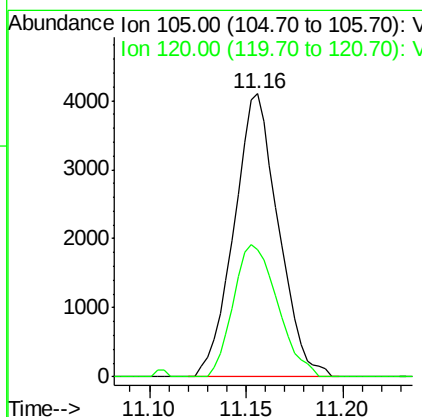
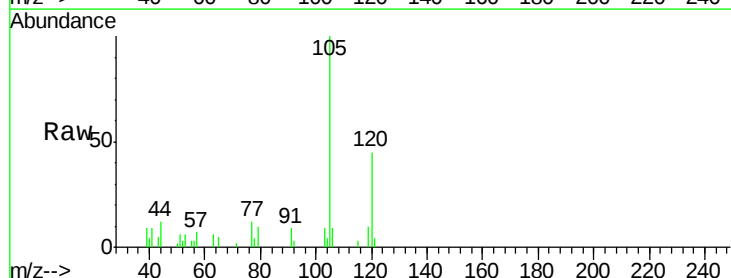
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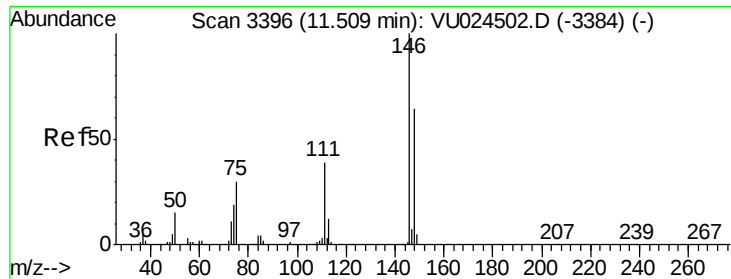
6/29/2018 4:23:32 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.499 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025015.D
 Acq: 28 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.6	67.8





#88
 1,4-Dichlorobenzene
 Concen: 0.808 ug/l m
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025015.D
 Acq: 28 Jun 2018 13:03

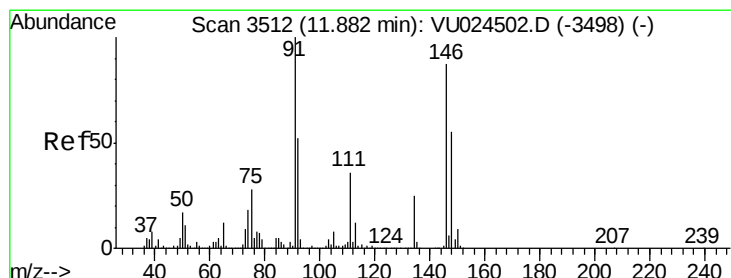
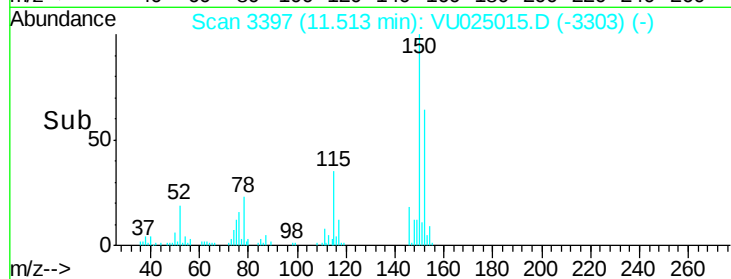
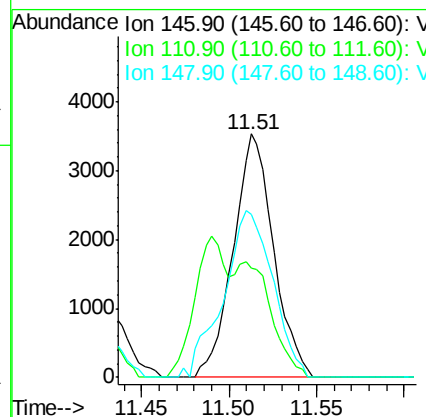
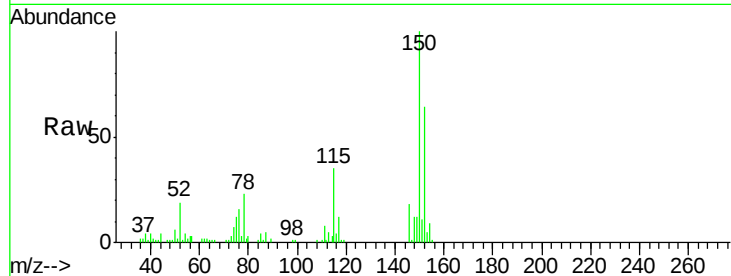
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-19-21-180621ME

Tgt Ion	Ratio	Lower	Upper
146	100		
111	14.6	19.5	58.5#
148	19.9	32.4	97.0#

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:32 PM

6/29/2018 4:23:32 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.623 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025015.D
 Acq: 28 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.5	61.6
148	58.8	31.9	95.7

