

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025100.D
 Acq On : 30 Jun 2018 20:01
 Operator : MD/SY
 Sample : J3759-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Manual Integrations
 APPROVED

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 7/2/2018 5:35:03 PM

Quant Time: Jul 02 09:55:11 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	4.99	168	248833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.90	114	368845	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	357549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	200935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.32	65	178881	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
35) Dibromofluoromethane	4.89	113	135602	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
50) Toluene-d8	7.57	98	545356	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	210012	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.39	62	13055481m	3978.42	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.29	101	11049	3.56	ug/l #	78
11) Tert butyl alcohol	2.82	59	83739	84.76	ug/l	97
12) 1,1-Dichloroethene	2.29	96	1451597	512.33	ug/l	97
20) Methylene Chloride	2.71	84	5296	1.55	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	2478706	794.30	ug/l	99
24) 1,1-Dichloroethane	3.45	63	221738	36.96	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	59164159m	16491.02	ug/l	
29) Tetrahydrofuran	4.66	42	4594	2.53	ug/l #	90
30) Chloroform	4.69	83	61415	10.11	ug/l	98
31) Cyclohexane	5.00	56	14722	0.82	ug/l #	70
39) Methylcyclohexane	6.43	83	19986m	3.70	ug/l	
40) Benzene	5.40	78	506106	40.98	ug/l	99
42) 1,2-Dichloroethane	5.41	62	270900	57.59	ug/l	100
44) Trichloroethene	6.19	130	35895677m	10212.64	ug/l	
49) 1,4-Dioxane	6.62	88	14176	182.31	ug/l	96
52) Toluene	7.64	92	137408	17.29	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	402873	124.74	ug/l	97
64) Tetrachloroethene	8.23	164	62565	18.41	ug/l	98
65) Chlorobenzene	9.12	112	2963850	324.48	ug/l	100
67) Ethyl Benzene	9.26	91	85381	5.33	ug/l	99
68) m/p-Xylenes	9.38	106	16808	2.73	ug/l	100
69) o-Xylene	9.79	106	2940	0.48	ug/l	91
73) Isopropylbenzene	10.17	105	77240	5.01	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	11779	2.66	ug/l	81
77) Bromobenzene	10.46	156	2912	0.75	ug/l	98
78) n-propylbenzene	10.59	91	50837	2.80	ug/l	98
83) tert-Butylbenzene	11.10	119	39022	3.03	ug/l	90
85) sec-Butylbenzene	11.33	105	38035	2.36	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	639681	88.65	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	2216617	305.22	ug/l	100
91) 1,2-Dichlorobenzene	11.89	146	9260809	1281.38	ug/l	99
93) 1,2,4-Trichlorobenzene	13.51	180	9730	2.18	ug/l	97
95) Naphthalene	13.75	128	38740	3.27	ug/l	99

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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)
96) 1,2,3-Trichlorobenzene	13.99	180	6217	1.40	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion:168 Resp: 248833

Ion Ratio Lower Upper

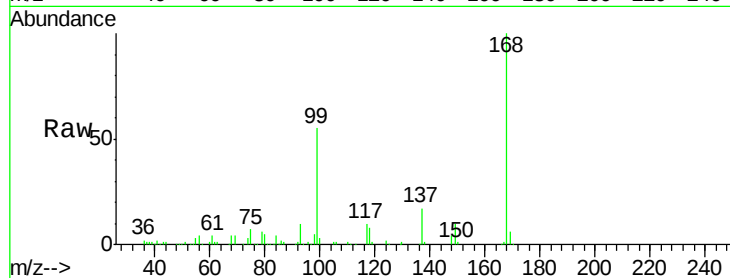
168 100

99 55.2 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU025100.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025100.D (-1275) (-)

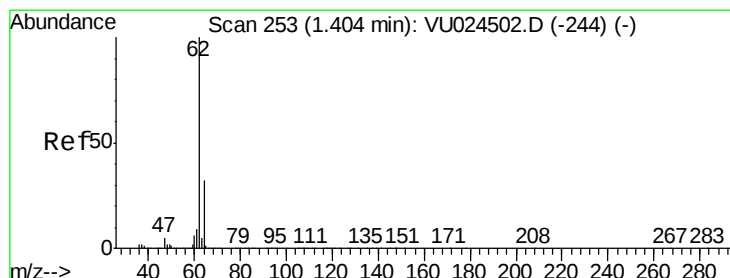
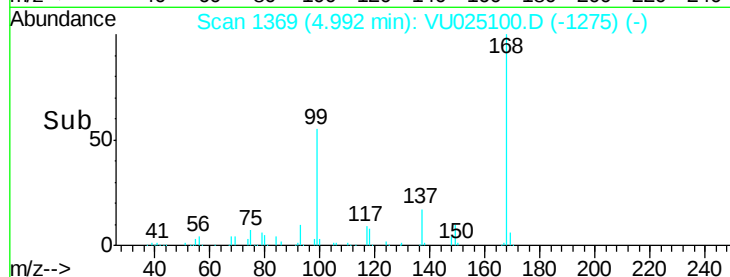
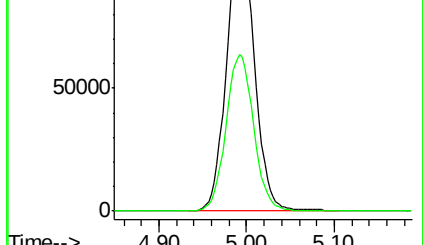
4.99

100000

50000

0

4.90 5.00 5.10



#4

Vinyl Chloride

Concen: 3978.42 ug/l m

RT: 1.39 min Scan# 250

Delta R.T. -0.01 min

Lab File: VU025100.D

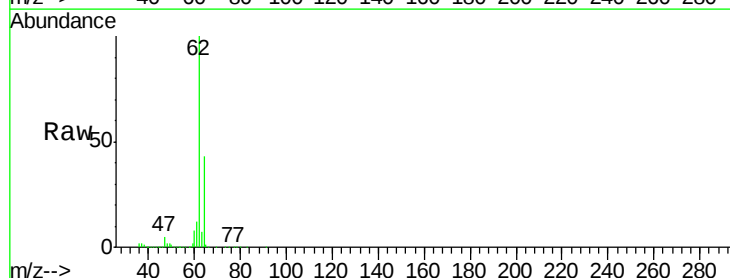
Acq: 30 Jun 2018 20:01

Tgt Ion: 62 Resp:13055481

Ion Ratio Lower Upper

62 100

64 43.3 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU025100.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU025100.D (-160) (-)

1.39

8000000

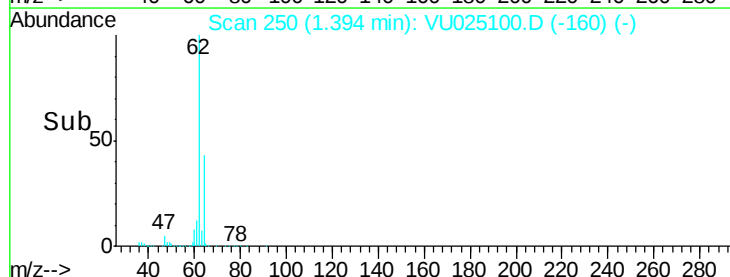
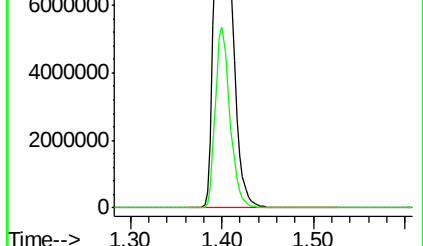
6000000

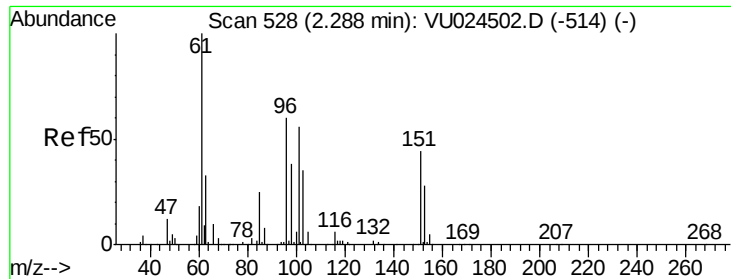
4000000

2000000

0

1.30 1.40 1.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.56 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

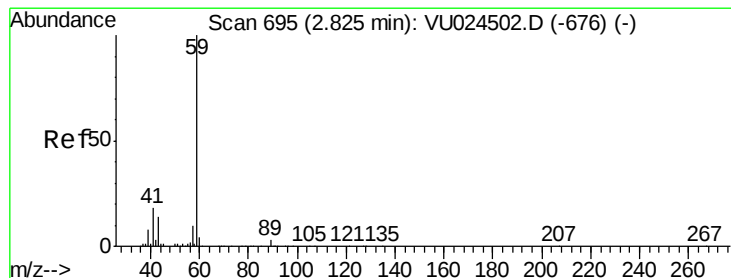
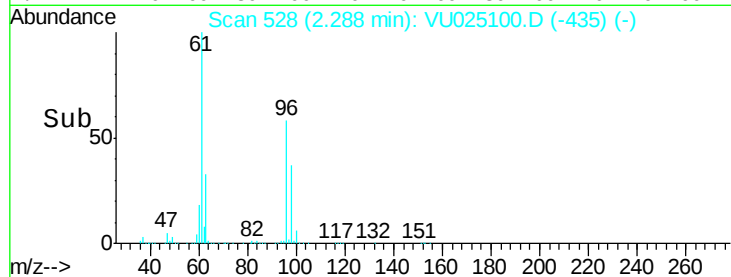
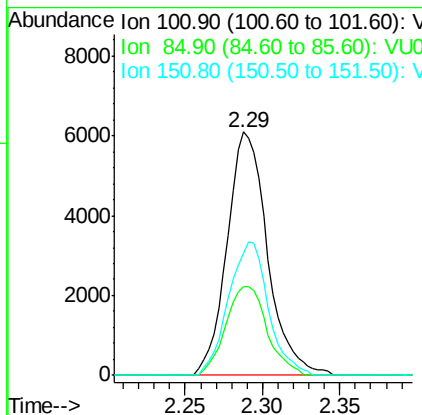
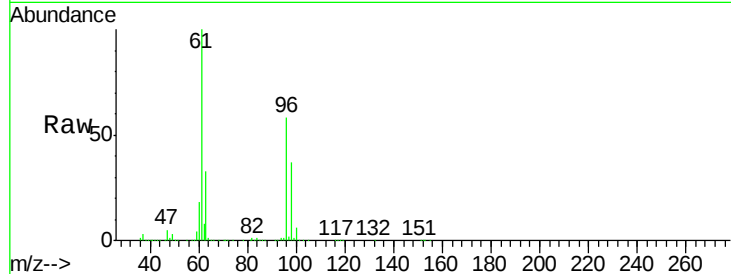
ClientSampleId :

WP021MW357-180625

Tot Ion:	101	Resp:	11049
Ion Ratio	Lower	Upper	
101	100		
85	37.2	36.0	54.0
151	54.0	62.3	93.5#

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#11

Tert butyl alcohol

Concen: 84.76 ug/l

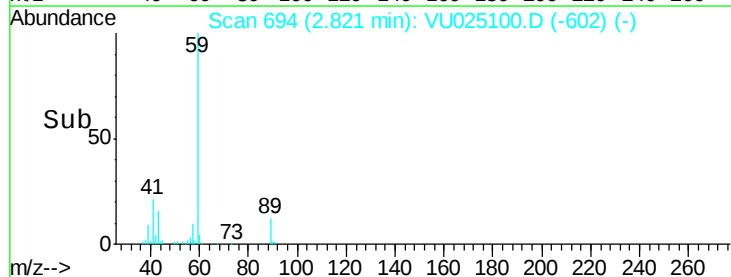
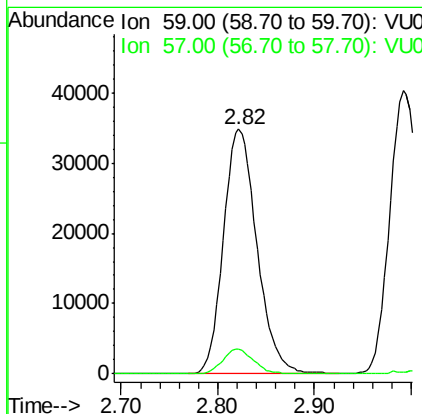
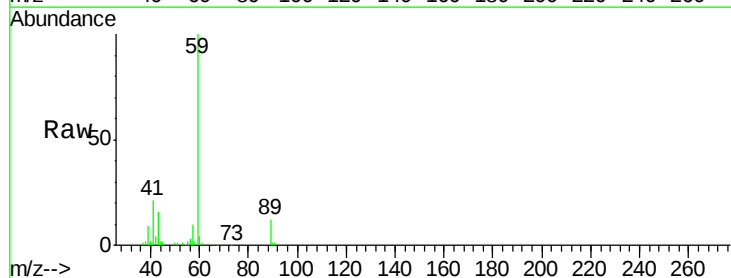
RT: 2.82 min Scan# 694

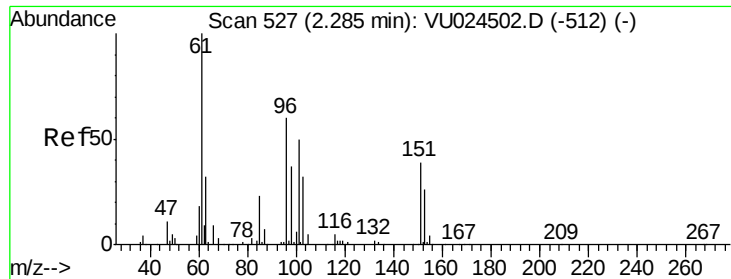
Delta R.T. -0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Tgt Ion:	59	Resp:	83739
Ion Ratio	Lower	Upper	
59	100		
57	9.3	8.5	12.7





#12

1,1-Dichloroethene

Concen: 512.33 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion: 96 Resp: 1451597

Ion Ratio Lower Upper

96 100

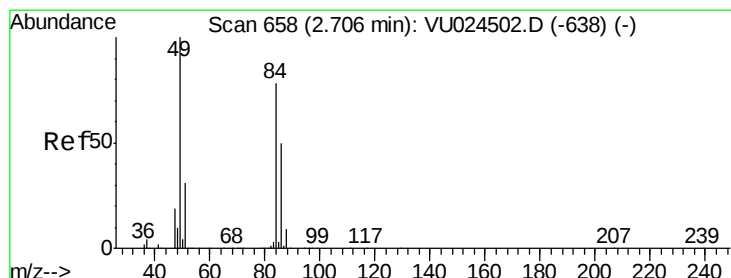
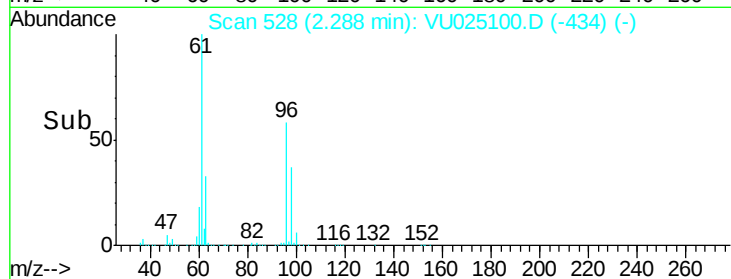
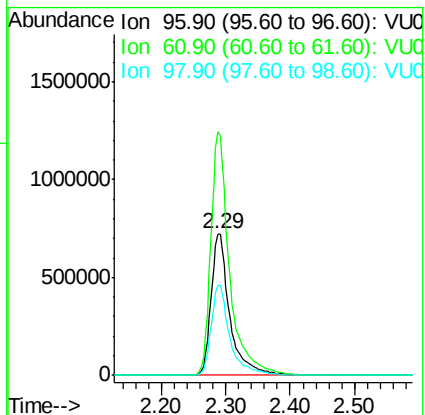
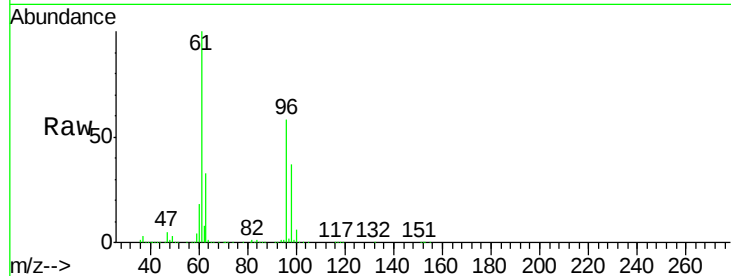
61 172.1 141.7 212.5

98 64.1 51.6 77.4

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#20

Methylene Chloride

Concen: 1.55 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Tgt Ion: 84 Resp: 5296

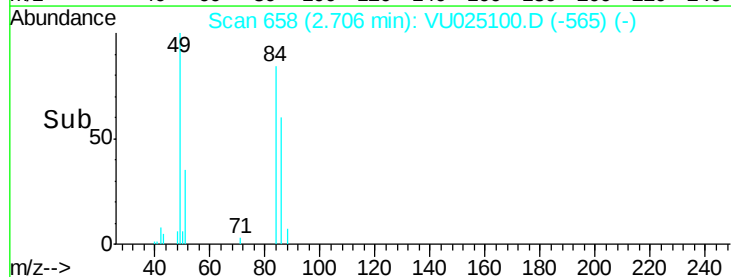
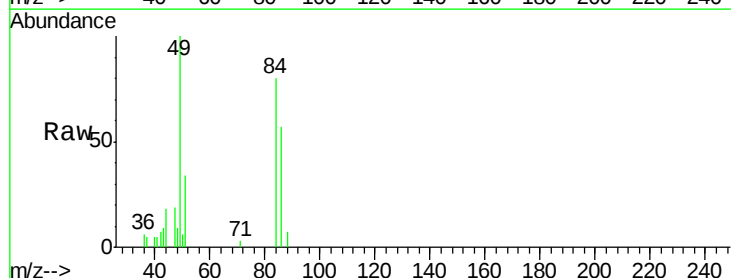
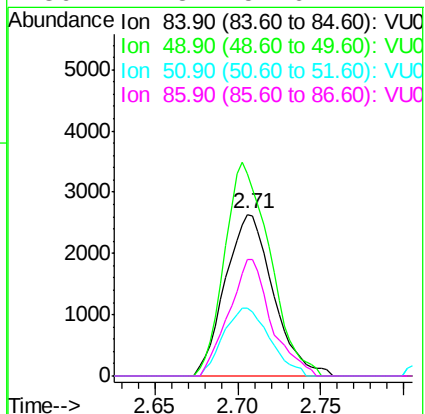
Ion Ratio Lower Upper

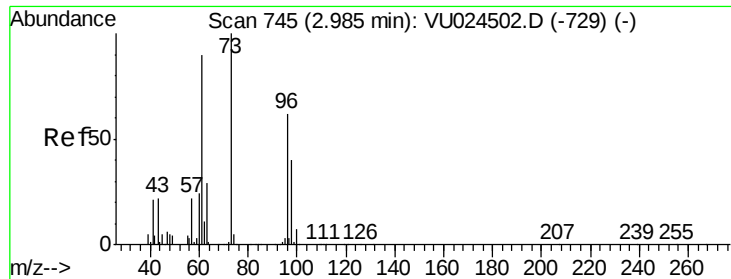
84 100

49 125.1 103.8 155.8

51 42.0 32.0 48.0

86 71.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 794.30 ug/l

RT: 2.99 min Scan# 747

Delta R.T. 0.01 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion: 96 Resp: 2478706

Ion Ratio Lower Upper

96 100

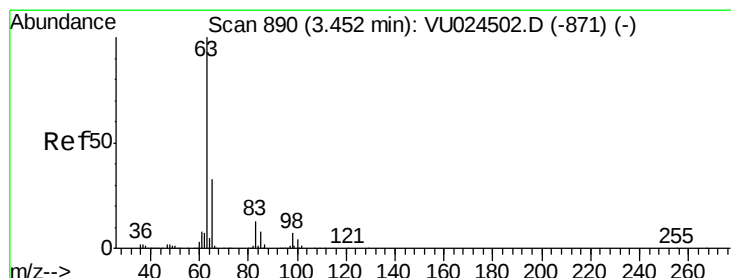
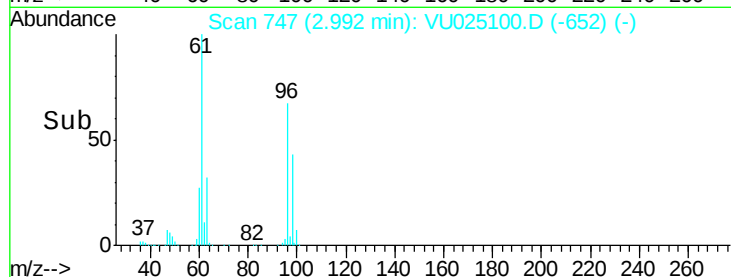
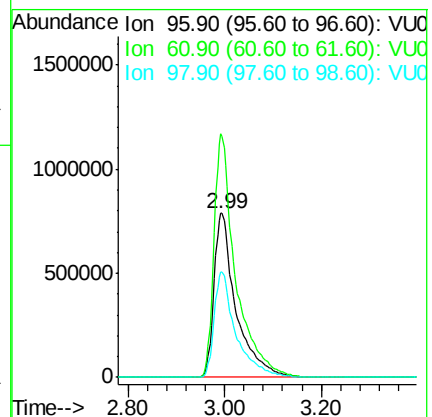
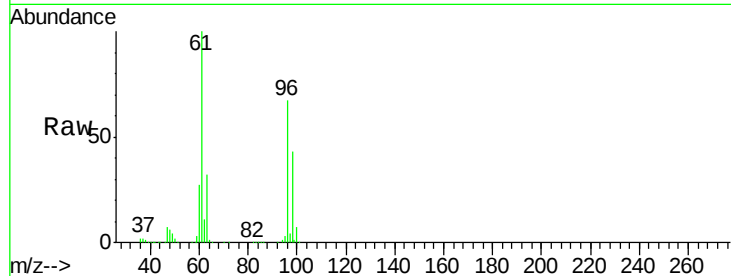
61 148.3 119.4 179.0

98 64.4 51.1 76.7

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 36.96 ug/l

RT: 3.45 min Scan# 891

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

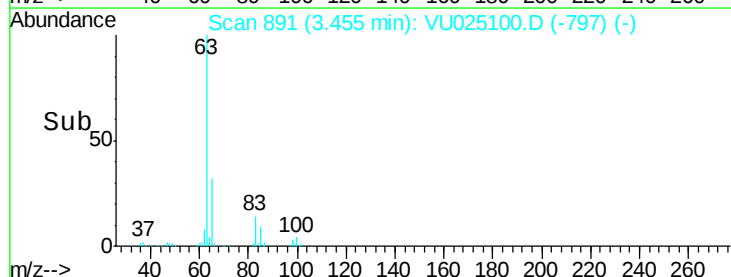
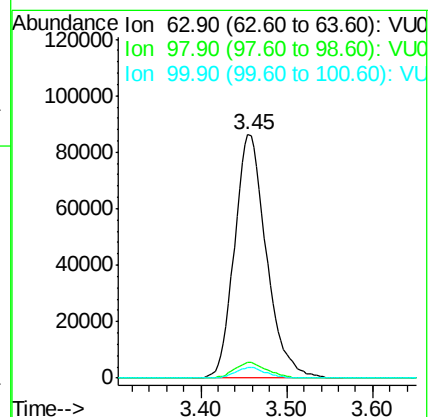
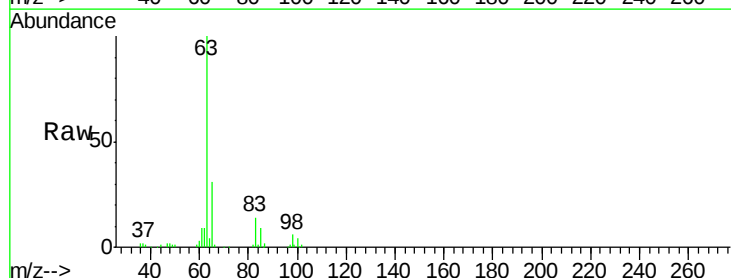
Tgt Ion: 63 Resp: 221738

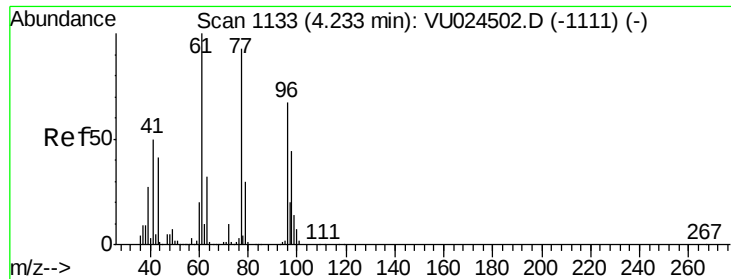
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.4 1.8 5.5





#27
 cis-1,2-Dichloroethene
 Concen: 16491.02 ug/l m
 RT: 4.22 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

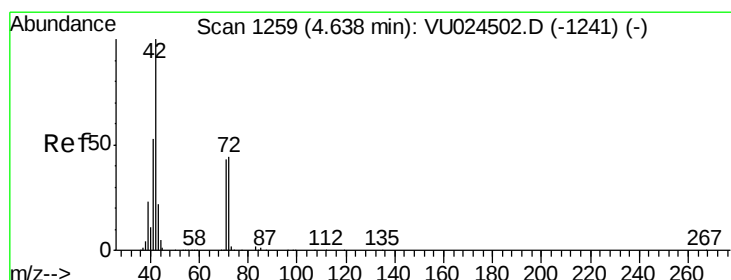
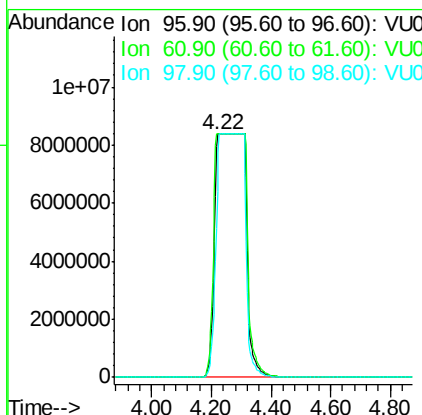
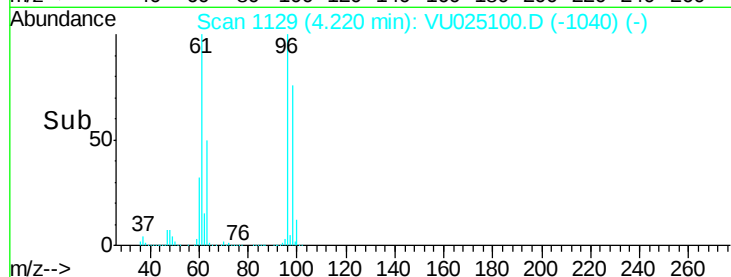
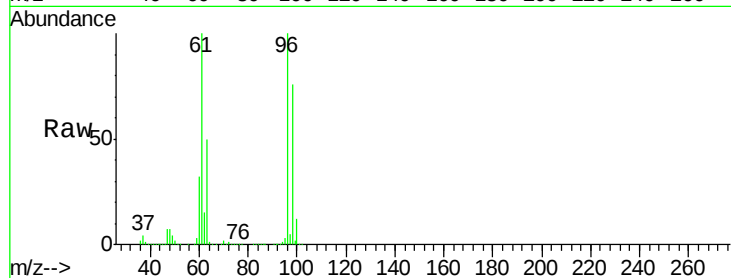
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion: 96 Resp: 59164159

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	306.6
98	0.0	0.0	128.8

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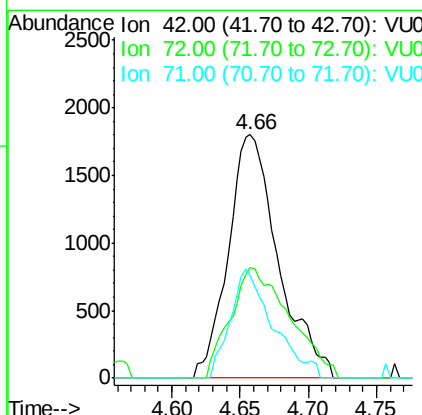
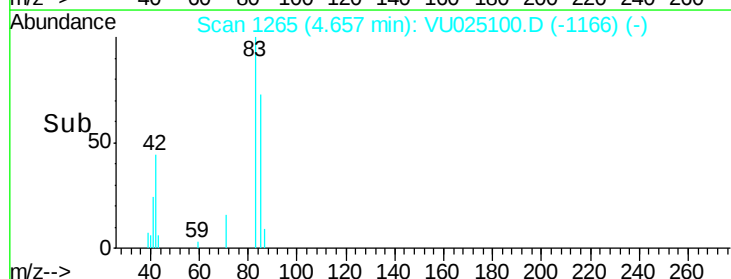
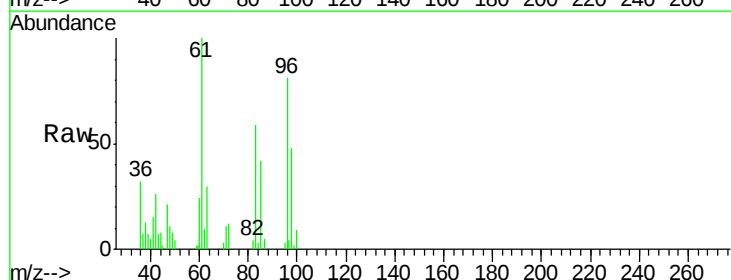
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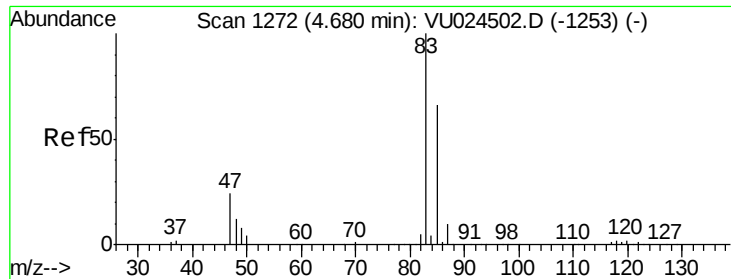


#29
 Tetrahydrofuran
 Concen: 2.53 ug/l
 RT: 4.66 min Scan# 1265
 Delta R.T. 0.02 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion: 42 Resp: 4594

Ion	Ratio	Lower	Upper
42	100		
72	53.7	34.5	51.7#
71	38.2	32.2	48.4





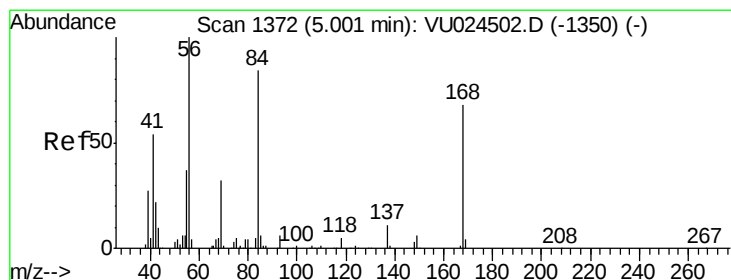
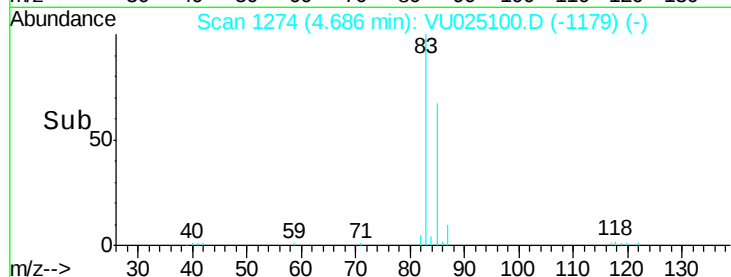
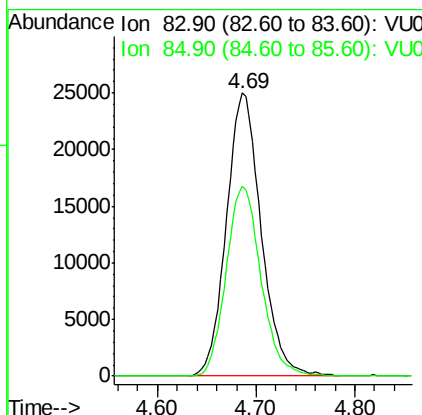
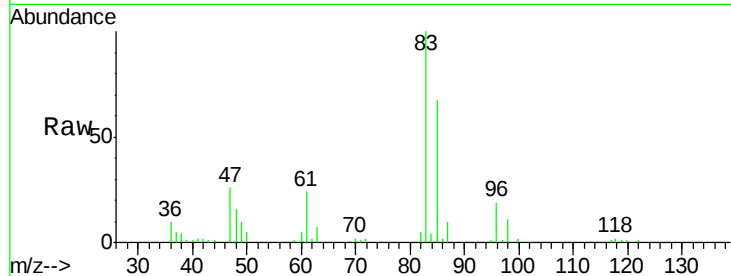
#30
Chloroform
Concen: 10.11 ug/l
RT: 4.69 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
WP021MW357-180625

Tot Ion: 83 Resp: 61415
Ion Ratio Lower Upper
83 100
85 66.9 52.4 78.6

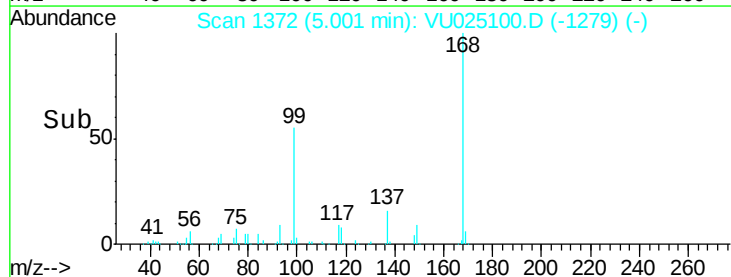
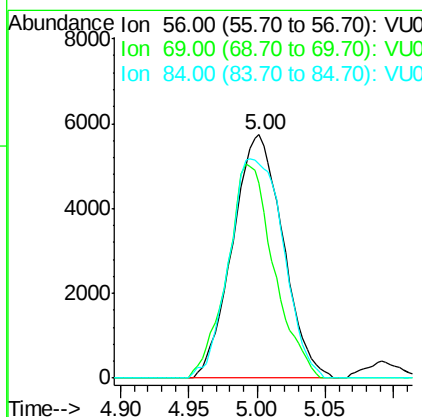
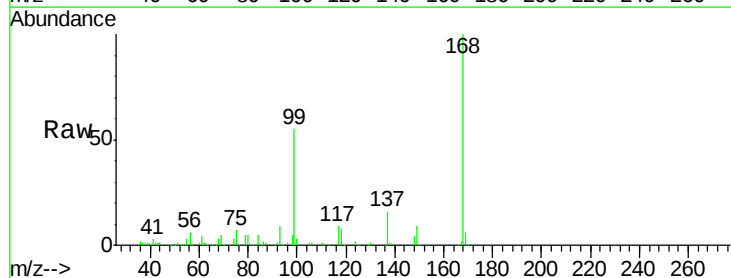
Manual Integrations
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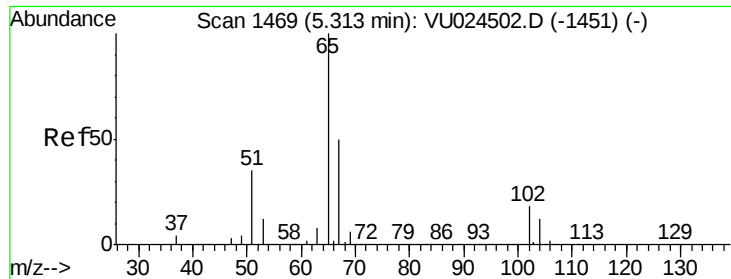
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#31
Cyclohexane
Concen: 0.82 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Tgt Ion: 56 Resp: 14722
Ion Ratio Lower Upper
56 100
69 79.9 24.8 37.2#
84 87.7 65.2 97.8





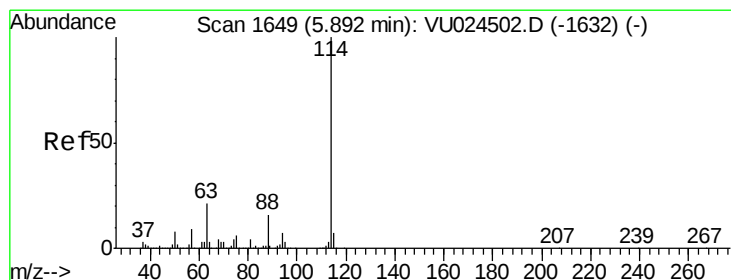
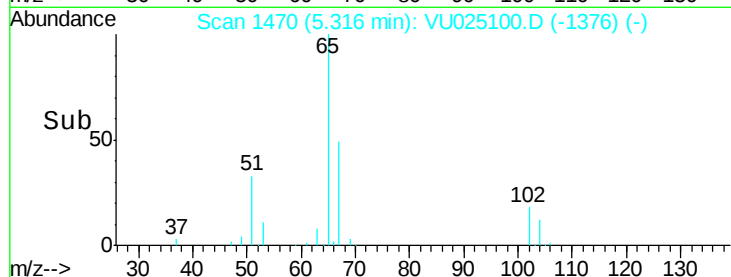
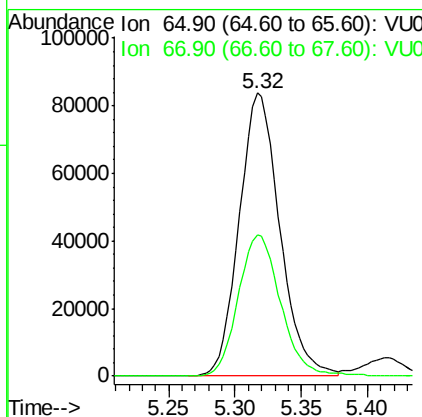
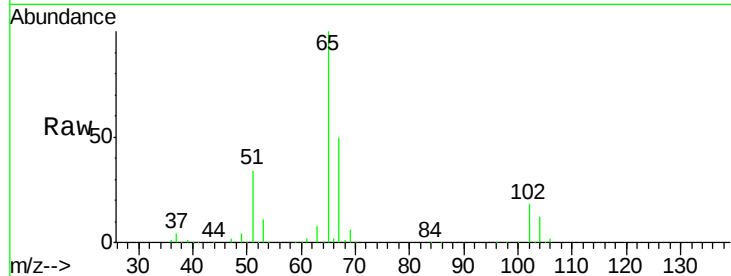
#33
 1,2-Dichloroethane-d4
 Concen: 44.03 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.0

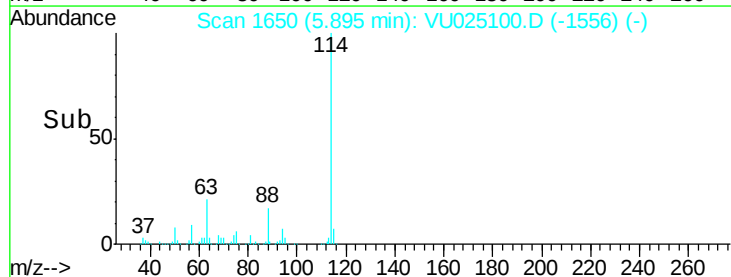
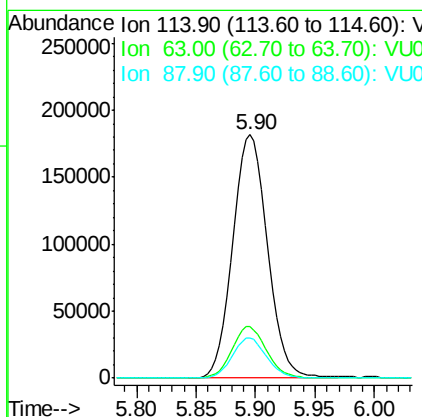
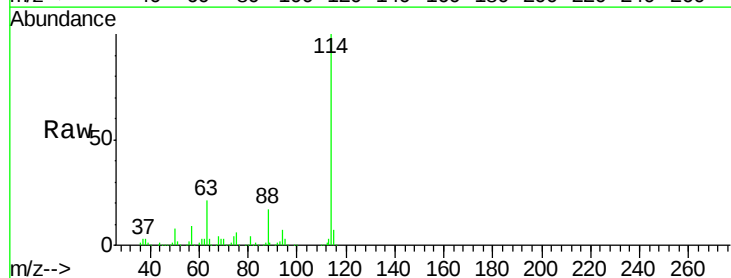
Manual Integrations
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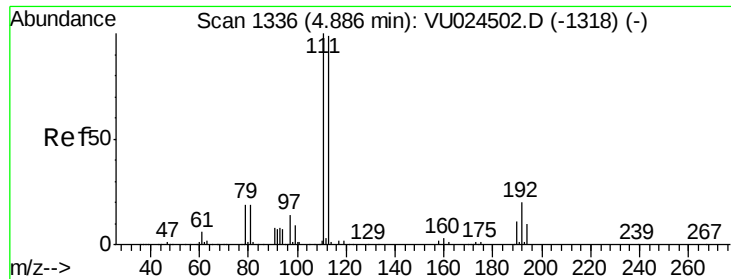
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.90 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	45.4
88	16.6	0.0	31.0





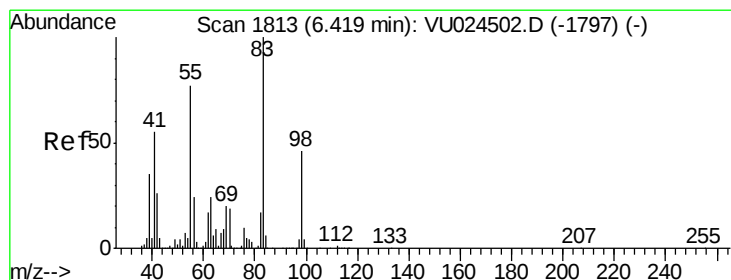
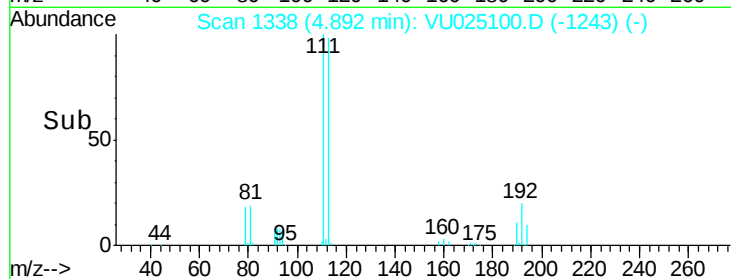
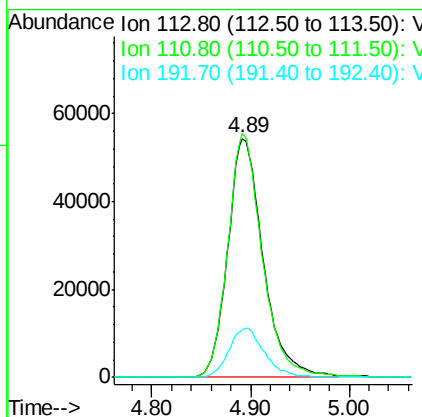
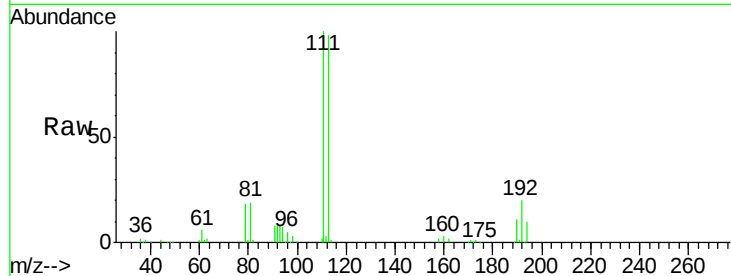
#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 4.89 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135602		
111	99.8	82.2	123.4	
192	20.6	16.2	24.4	

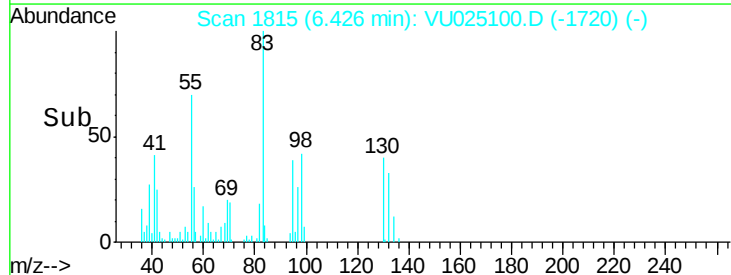
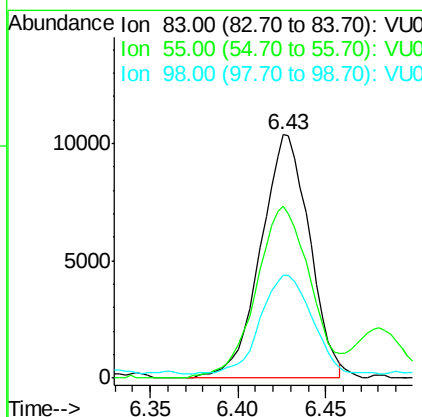
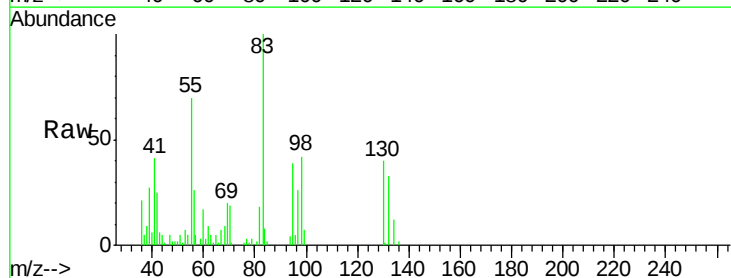
Manual Integrations
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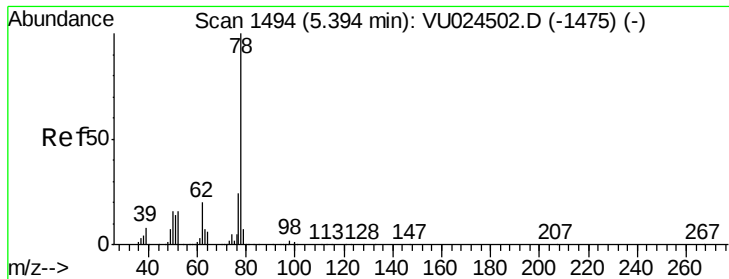
apatel
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#39
 Methylcyclohexane
 Concen: 3.70 ug/l m
 RT: 6.43 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	19986		
55	70.4	65.8	98.6	
98	42.4	36.7	55.1	





#40

Benzene

Concen: 40.98 ug/l

RT: 5.40 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion: 78 Resp: 506106

Ion Ratio Lower Upper

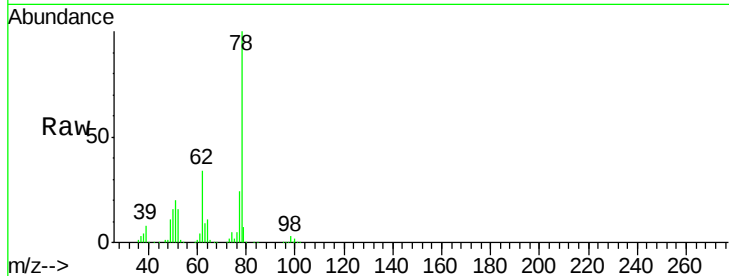
78 100

77 23.6 19.2 28.8

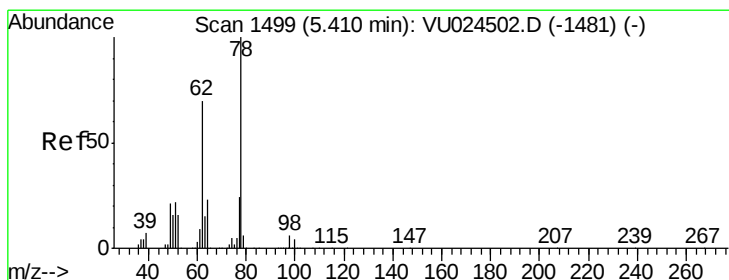
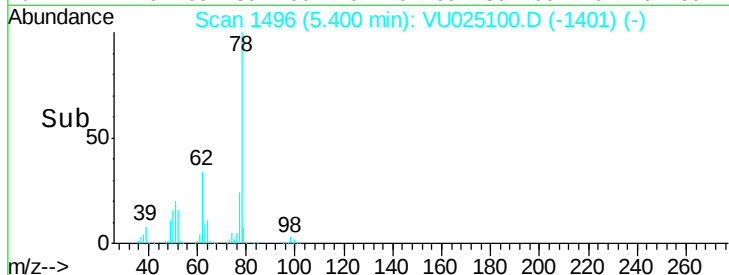
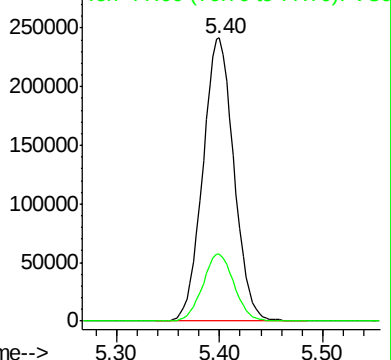
Manual Integrations
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Abundance Ion 78.00 (77.70 to 78.70): VU025100.D (-1401) (-)



#42

1,2-Dichloroethane

Concen: 57.59 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU025100.D

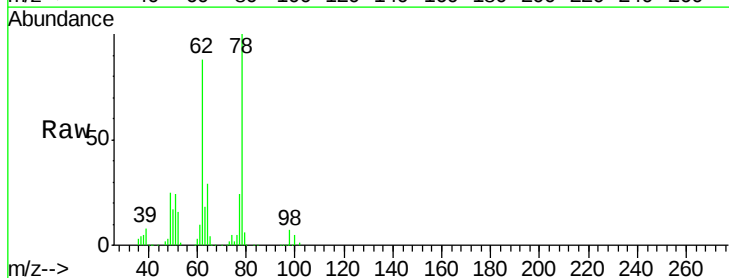
Acq: 30 Jun 2018 20:01

Tgt Ion: 62 Resp: 270900

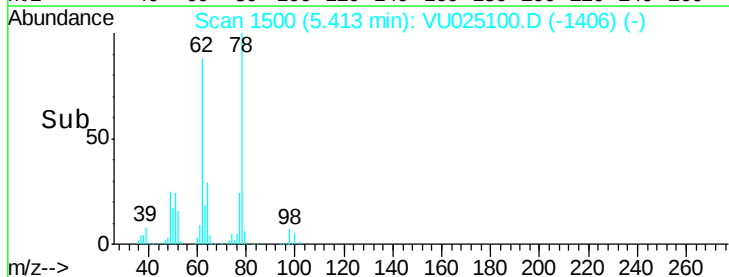
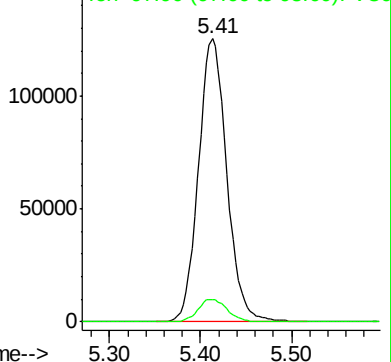
Ion Ratio Lower Upper

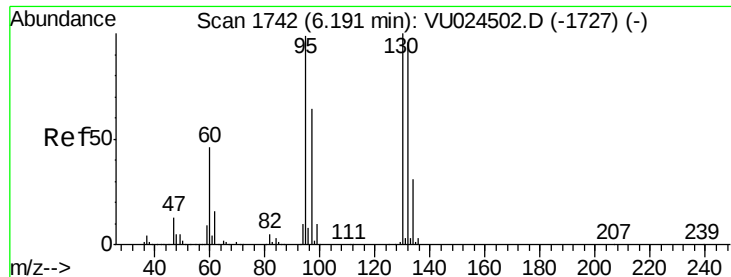
62 100

98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU025100.D (-1406) (-)





#44

Trichloroethene

Concen: 10212.64 ug/l m

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion:130 Resp:35895677

Ion Ratio Lower Upper

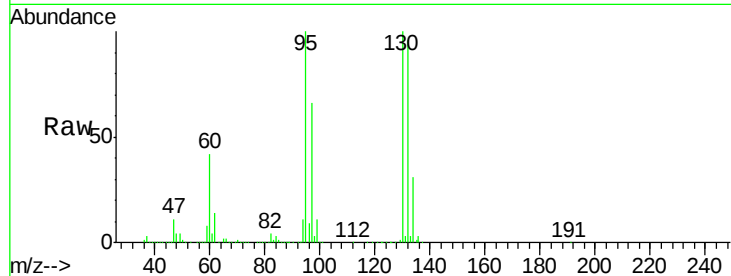
130 100

95 100.0 0.0 202.4

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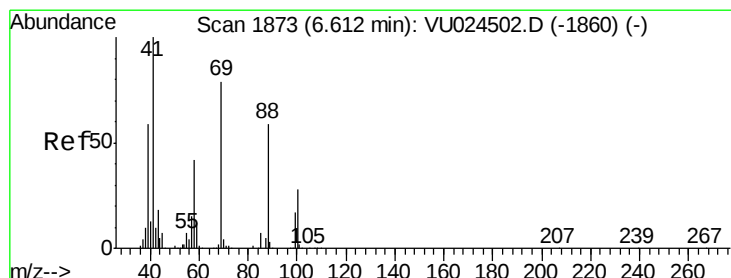
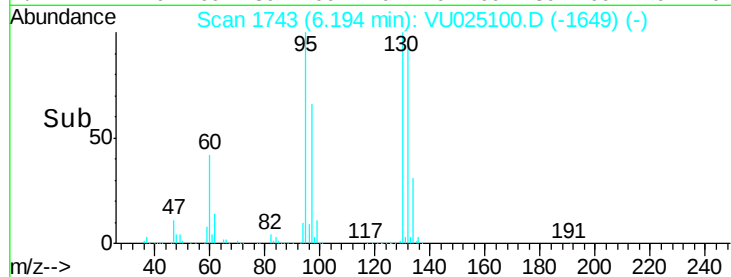
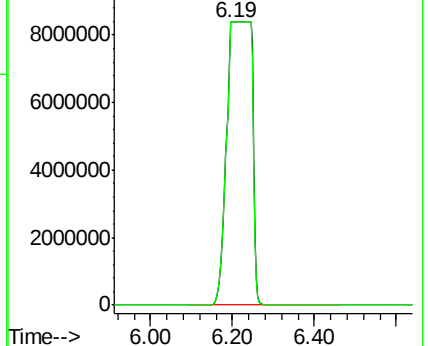
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#49

1,4-Dioxane

Concen: 182.31 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

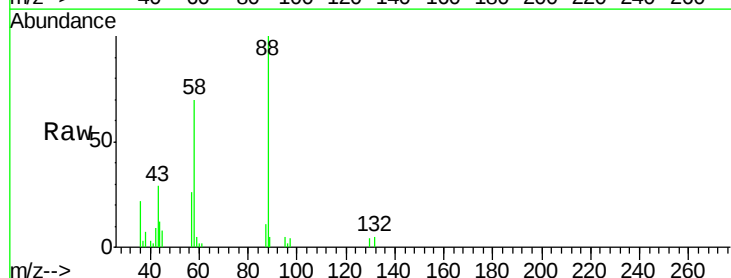
Tgt Ion: 88 Resp: 14176

Ion Ratio Lower Upper

88 100

43 31.6 28.6 42.8

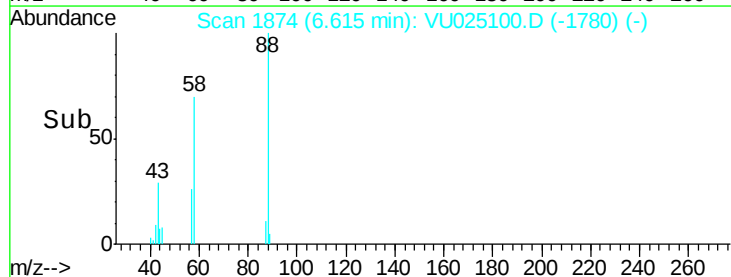
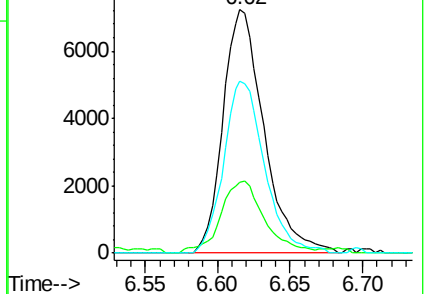
58 70.4 58.2 87.4

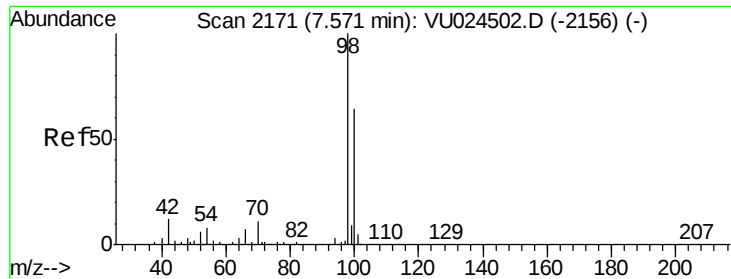


Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





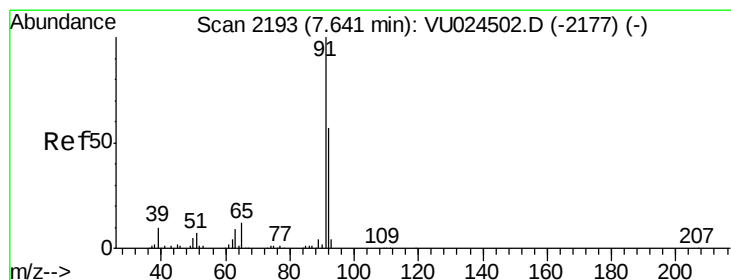
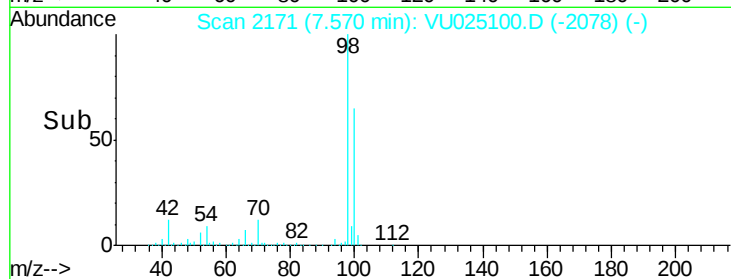
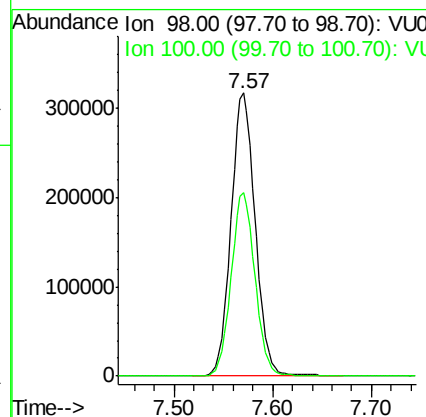
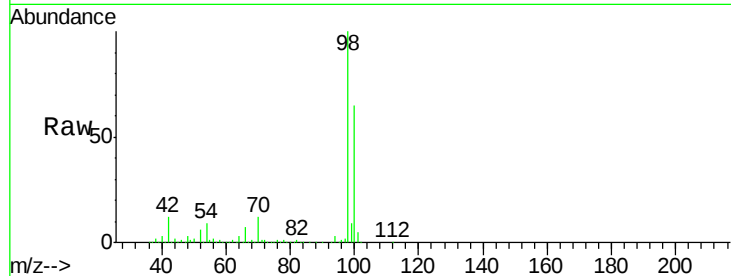
#50
Toluene-d8
Concen: 48.84 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
WP021MW357-180625

Tot Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7

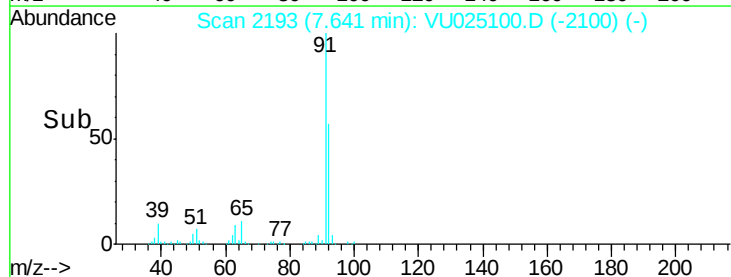
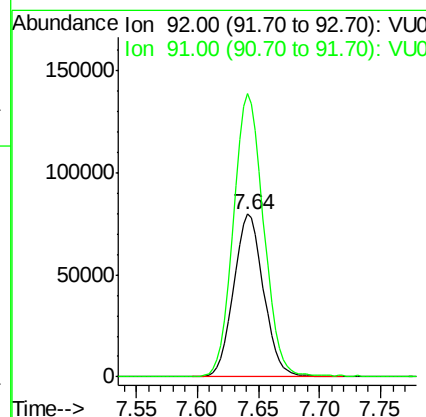
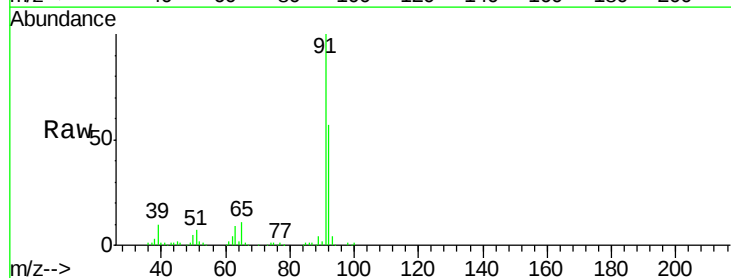
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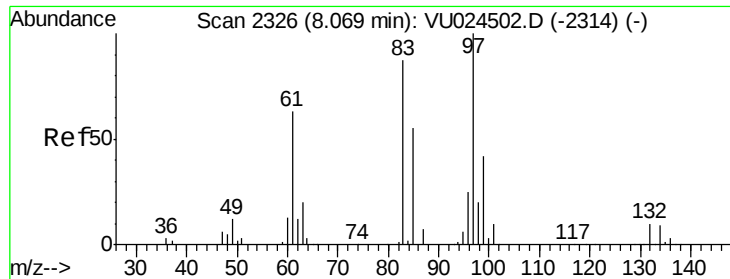
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#52
Toluene
Concen: 17.29 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	140.5	210.7





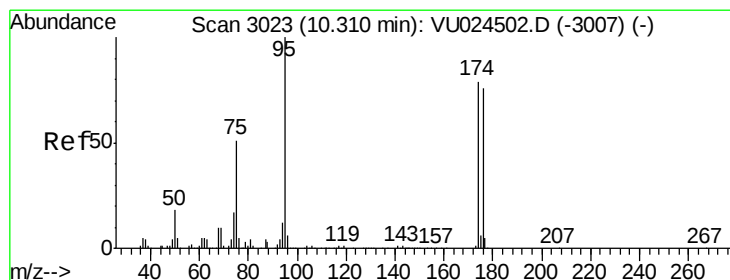
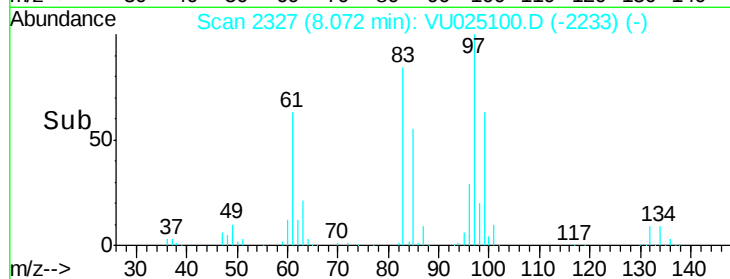
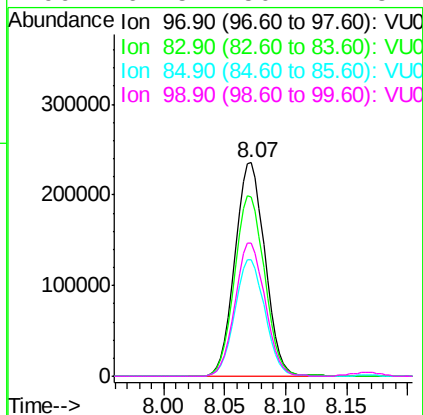
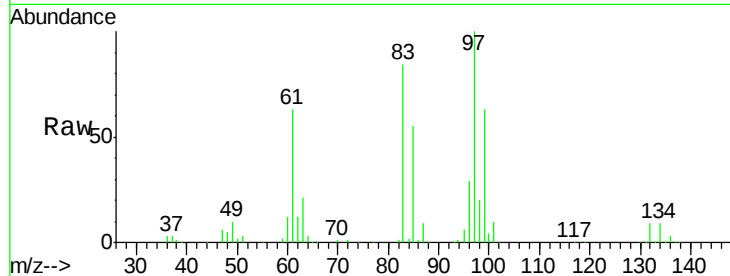
#55
 1,1,2-Trichloroethane
 Concen: 124.74 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion:	97	Resp:	402873
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.5	105.7
85	54.7	46.4	69.6
99	62.5	50.2	75.2

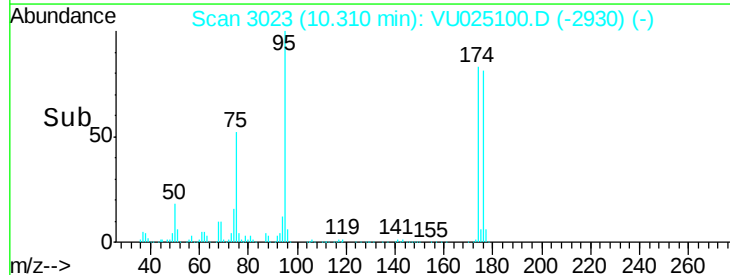
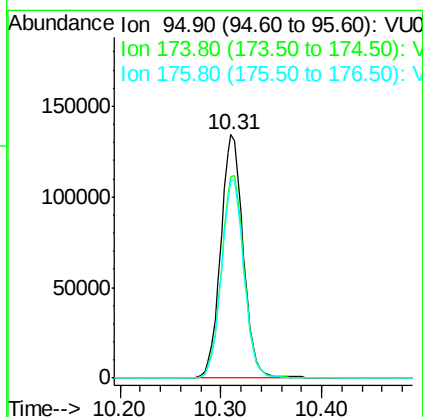
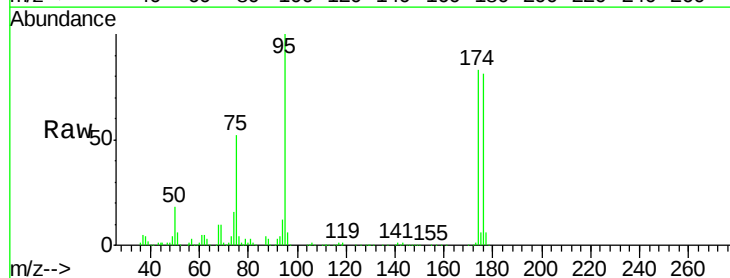
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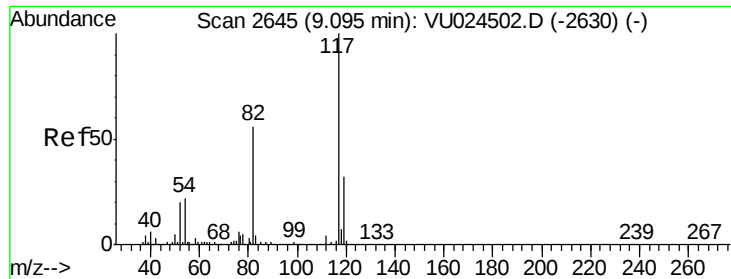
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#62
 4-Bromofluorobenzene
 Concen: 47.37 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion:	95	Resp:	210012
Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	165.8
176	81.4	0.0	159.4





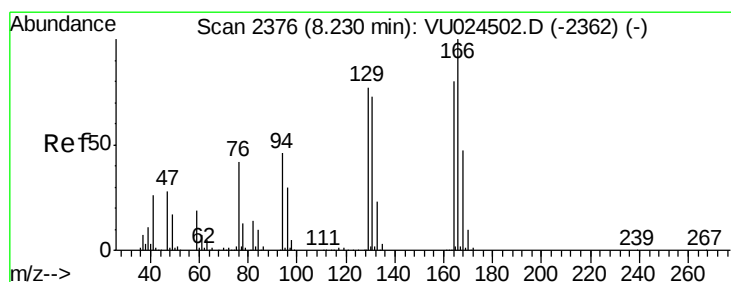
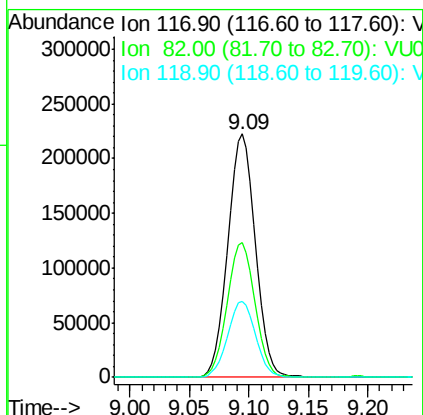
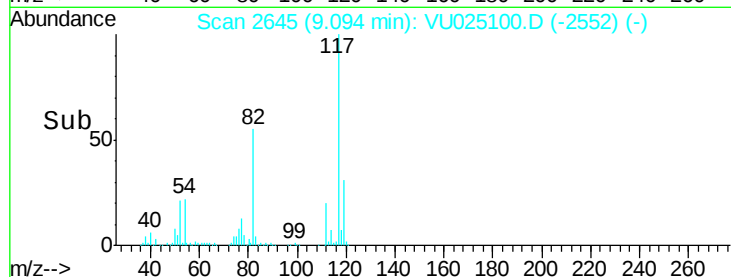
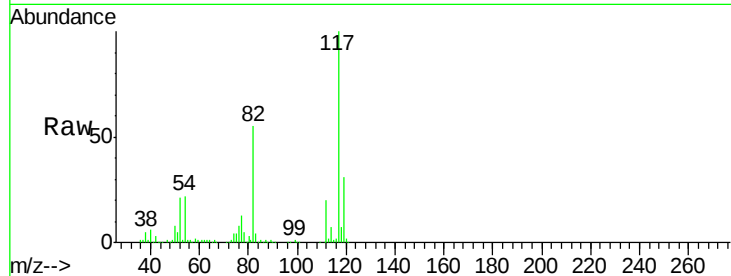
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
WP021MW357-180625

Tot Ion	Ratio	Resp	Lower	Upper
117	100	357549		
82	55.3	44.3	66.5	
119	31.3	25.4	38.2	

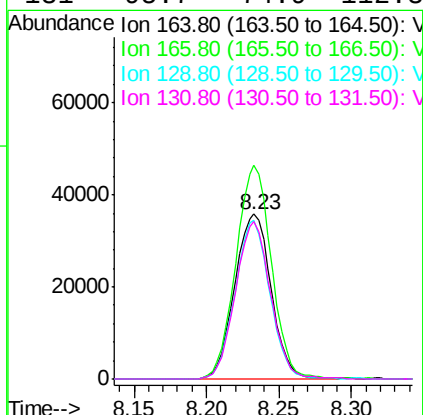
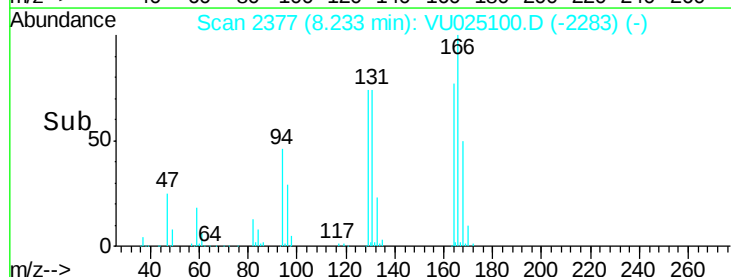
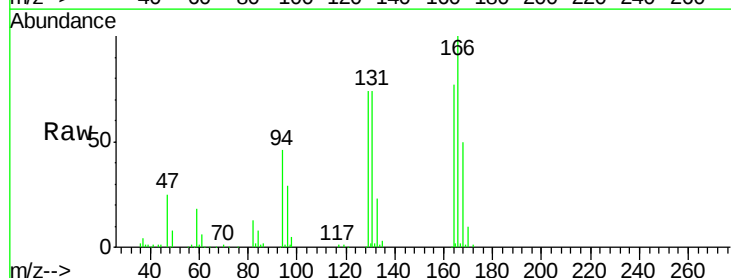
Manual Integrations
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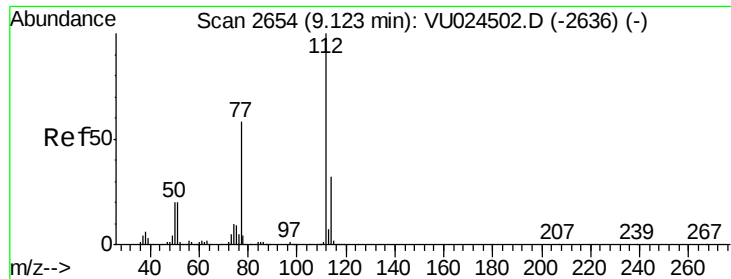
apatel
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#64
Tetrachloroethene
Concen: 18.41 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62565		
166	129.5	101.7	152.5	
129	96.0	76.9	115.3	
131	95.7	74.9	112.3	





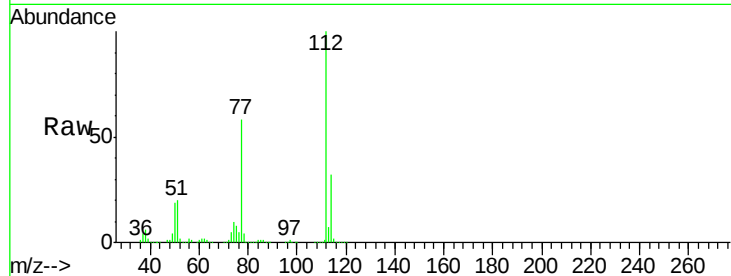
#65
Chlorobenzene
Concen: 324.48 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_U
ClientSampleId :
WP021MW357-180625

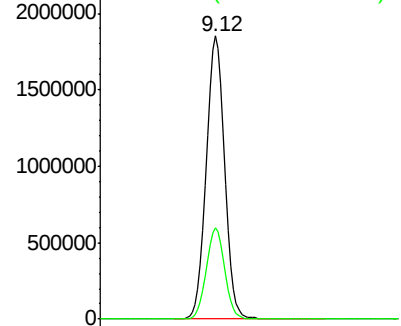
Tot Ion:112 Resp: 2963850
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

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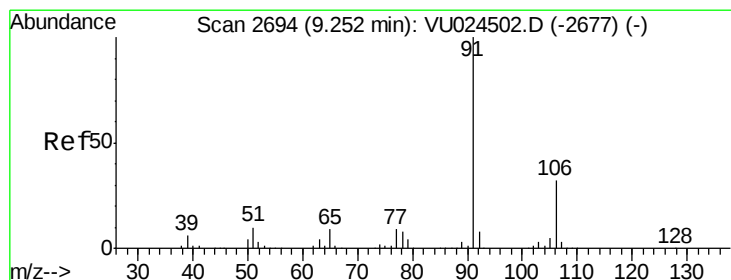
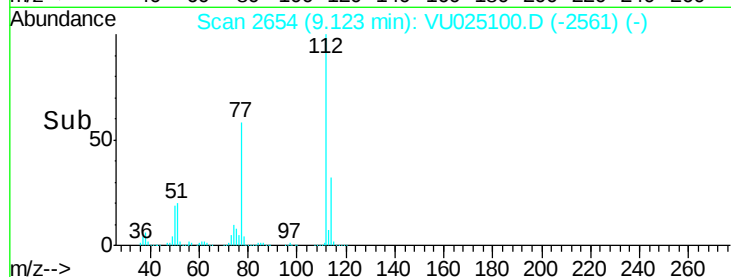
apatel
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Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

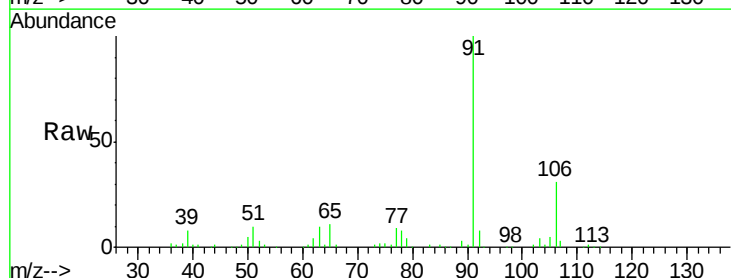


Time-->

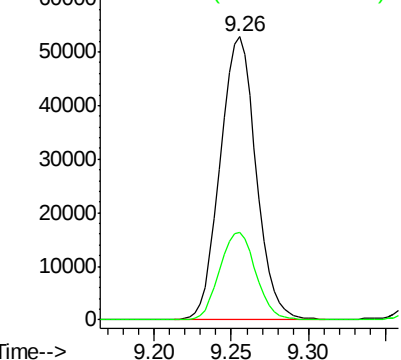


#67
Ethyl Benzene
Concen: 5.33 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025100.D
Acq: 30 Jun 2018 20:01

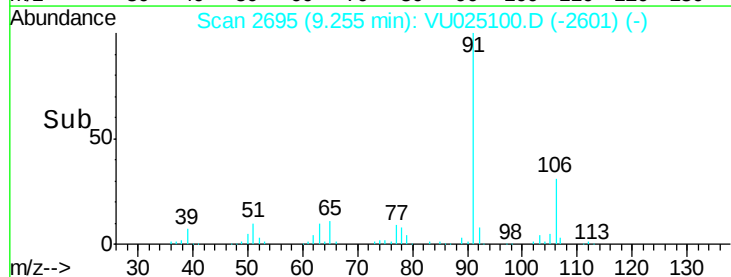
Tgt Ion: 91 Resp: 85381
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

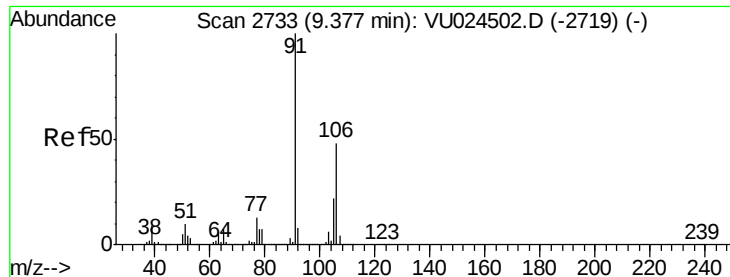


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V



Time-->





#68

m/p-Xylenes

Concen: 2.73 ug/l

RT: 9.38 min Scan# 2735

Delta R.T. 0.01 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion:106 Resp: 16808

Ion Ratio Lower Upper

106 100

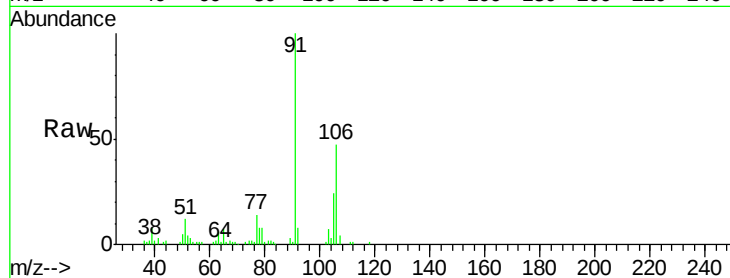
91 207.9 166.5 249.7

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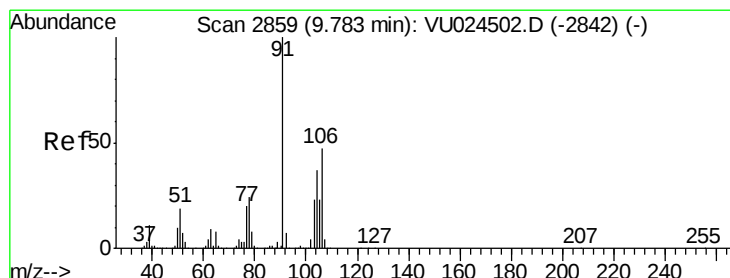
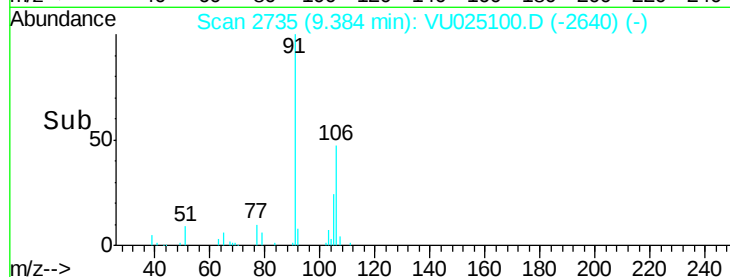
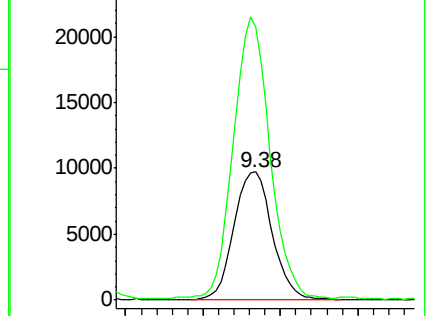
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 0.48 ug/l

RT: 9.79 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VU025100.D

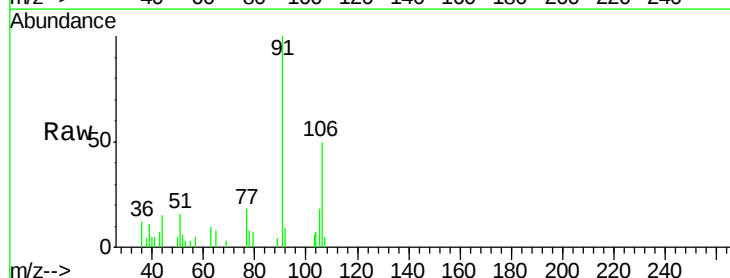
Acq: 30 Jun 2018 20:01

Tgt Ion:106 Resp: 2940

Ion Ratio Lower Upper

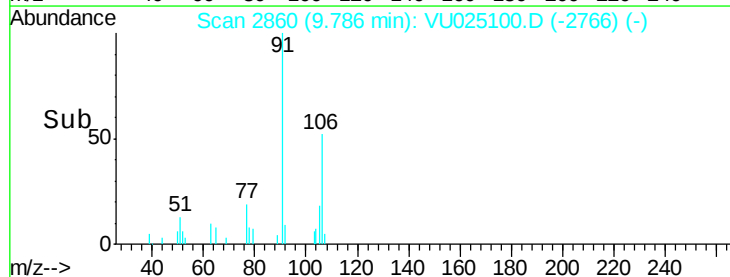
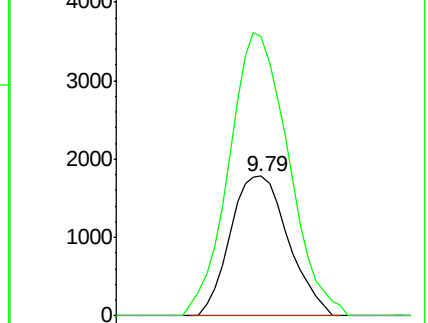
106 100

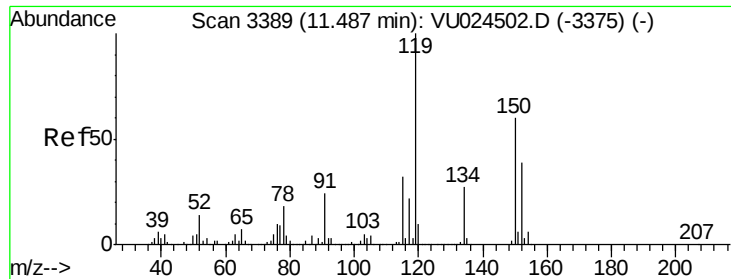
91 207.4 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

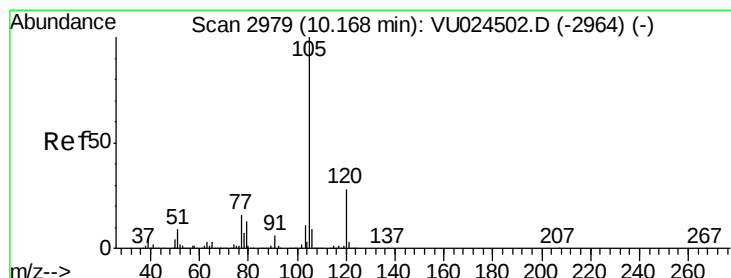
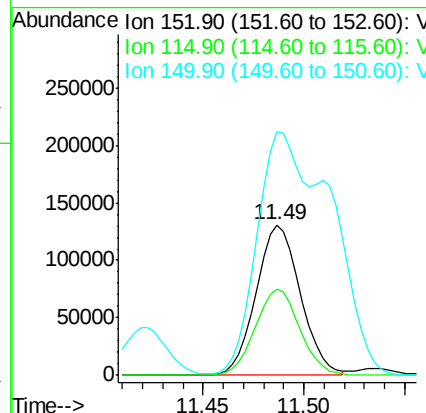
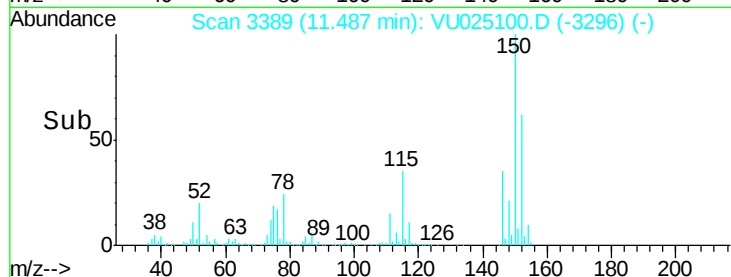
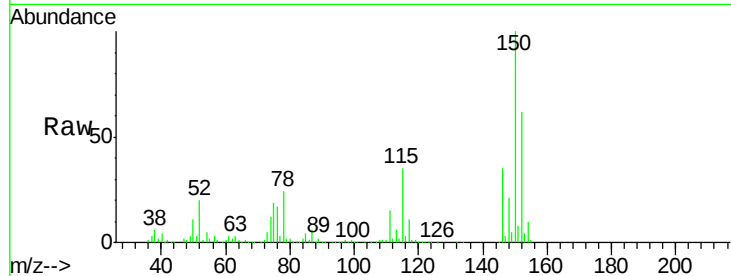
ClientSampleId :

WP021MW357-180625

Tot Ion:	152	Resp:	200935
Ion Ratio	Lower	Upper	
152	100		
115	57.6	43.0	129.0
150	172.7	0.0	354.0

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#73

Isopropylbenzene

Concen: 5.01 ug/l

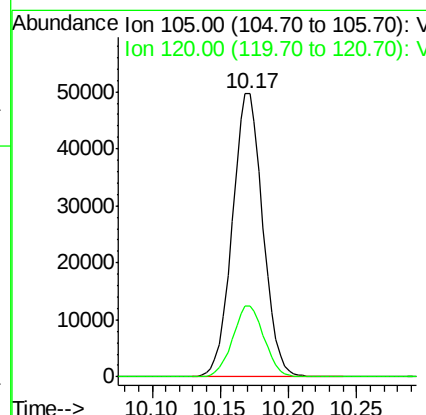
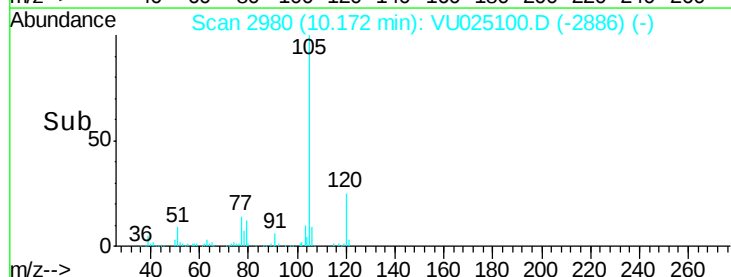
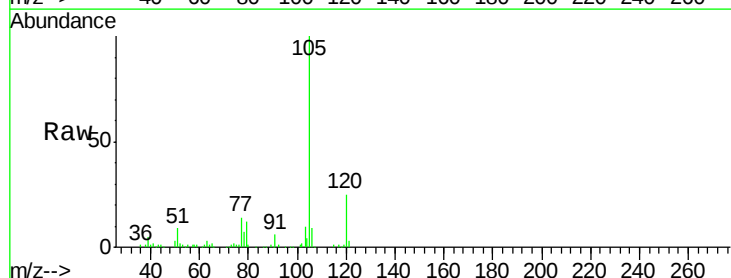
RT: 10.17 min Scan# 2980

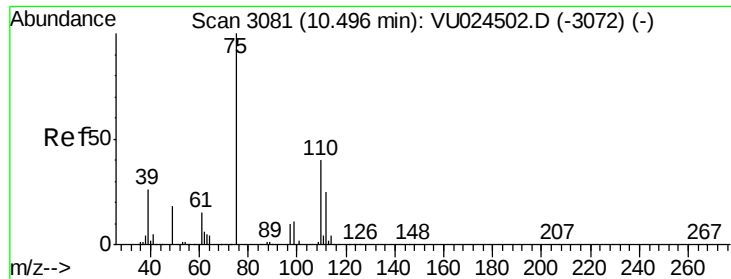
Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Tgt Ion:	105	Resp:	77240
Ion Ratio	Lower	Upper	
105	100		
120	25.6	13.2	39.6





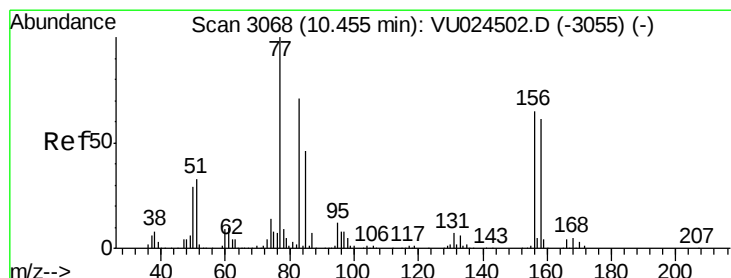
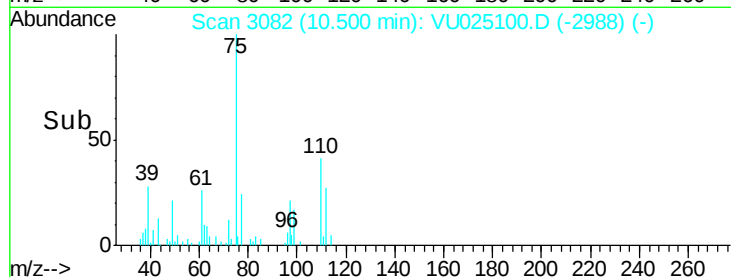
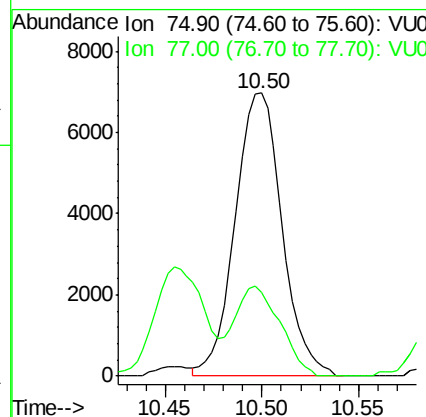
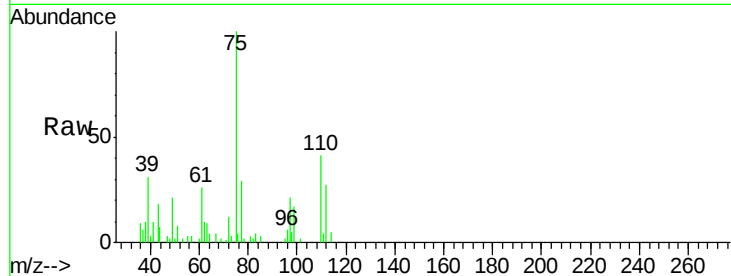
#76
 1,2,3-Trichloropropane
 Concen: 2.66 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion: 75 Resp: 11779
 Ion Ratio Lower Upper
 75 100
 77 29.8 20.9 62.7

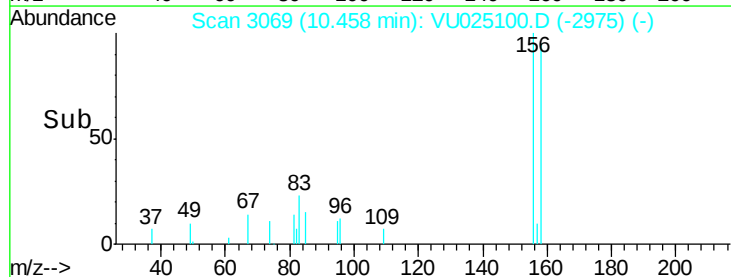
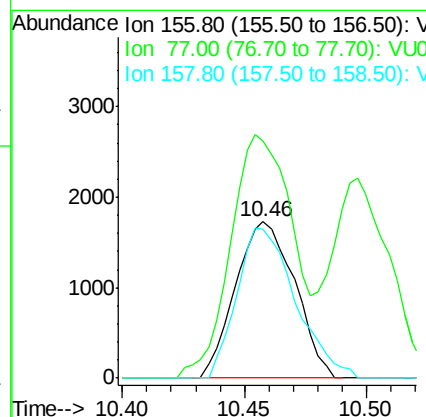
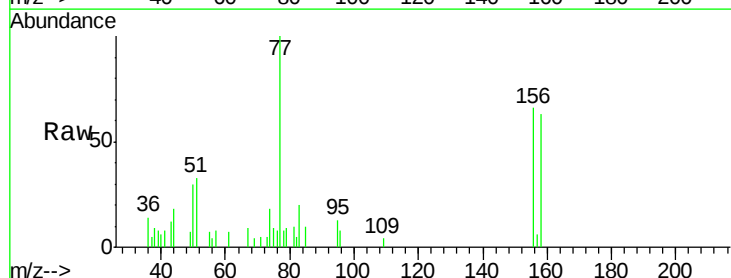
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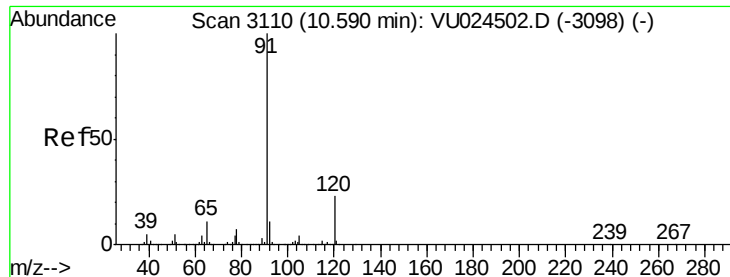
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#77
 Bromobenzene
 Concen: 0.75 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion: 156 Resp: 2912
 Ion Ratio Lower Upper
 156 100
 77 162.9 80.5 241.3
 158 94.6 48.2 144.6





#78

n-propylbenzene

Concen: 2.80 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion: 91 Resp: 50837

Ion Ratio Lower Upper

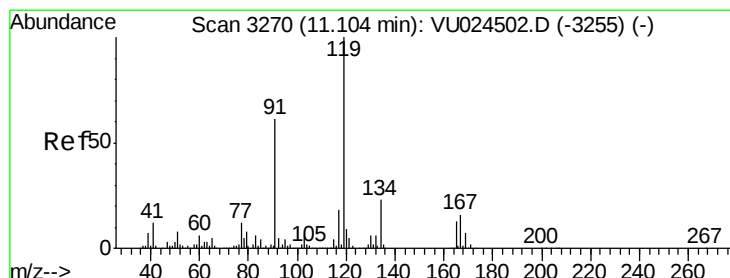
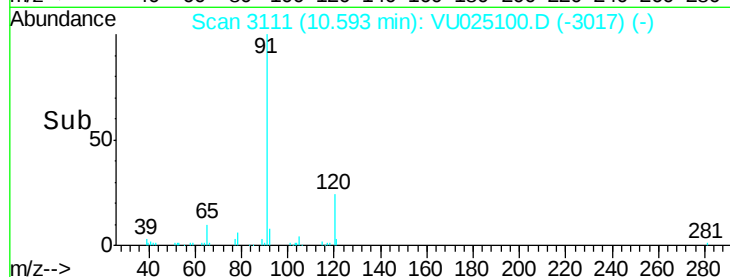
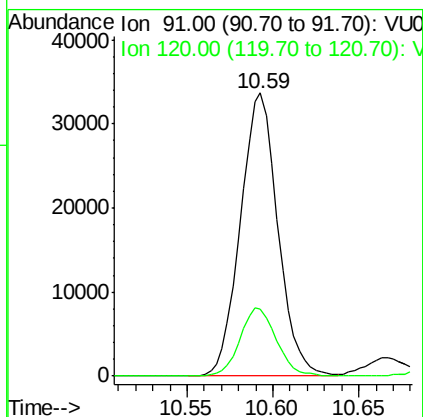
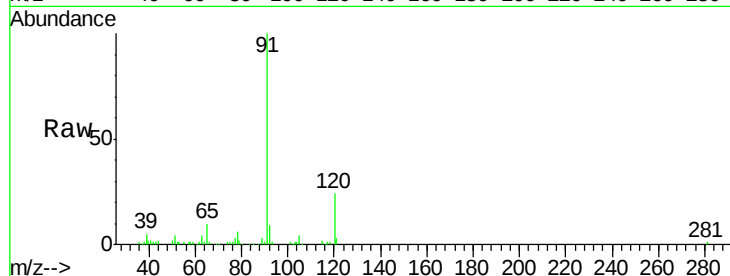
91 100

120 23.3 11.2 33.5

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#83

tert-Butylbenzene

Concen: 3.03 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

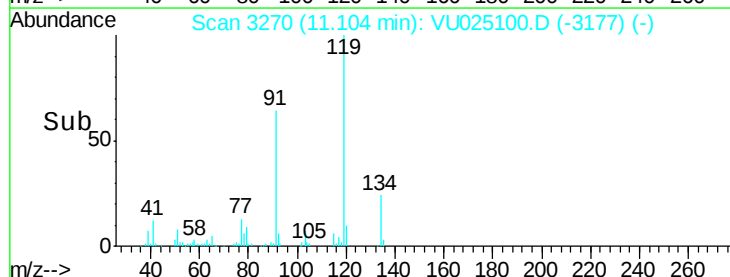
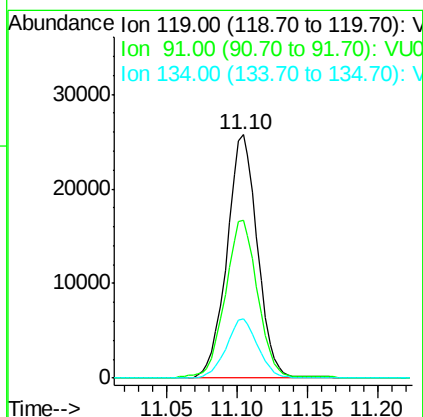
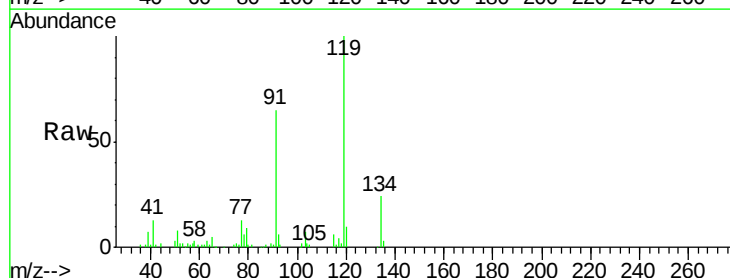
Tgt Ion: 119 Resp: 39022

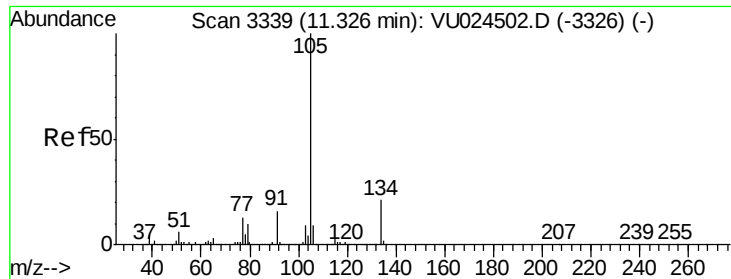
Ion Ratio Lower Upper

119 100

91 68.5 29.7 89.1

134 25.1 11.6 34.7





#85

sec-Butylbenzene

Concen: 2.36 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

WP021MW357-180625

Tot Ion:105 Resp: 38035

Ion Ratio Lower Upper

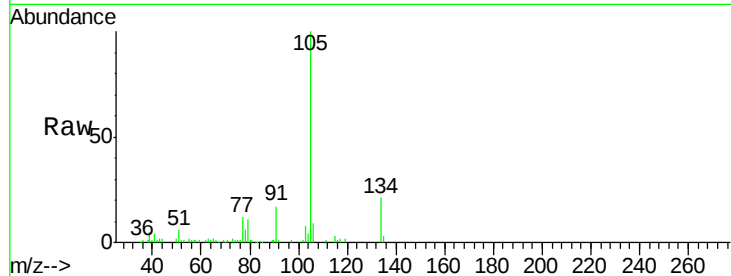
105 100

134 19.7 9.7 29.1

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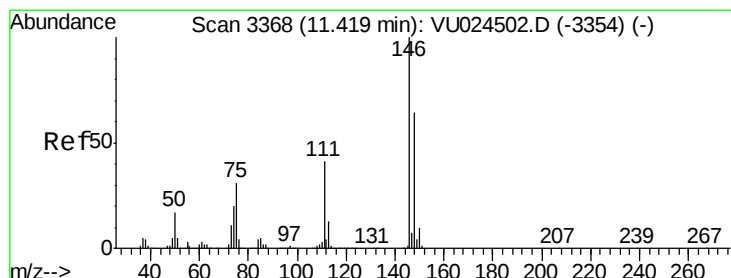
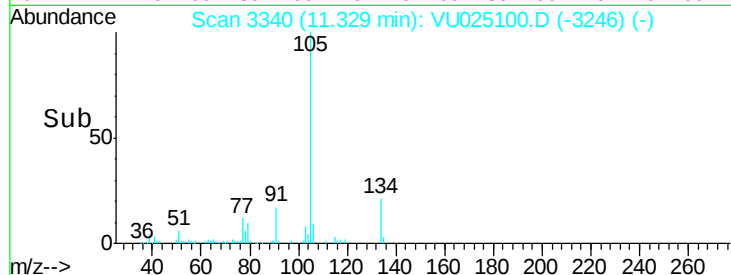
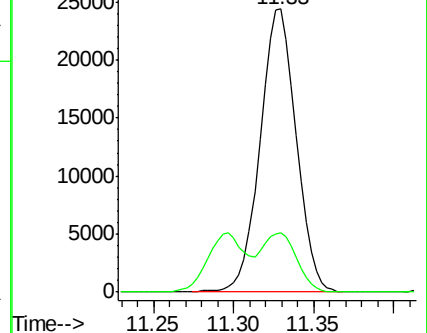
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 88.65 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025100.D

Acq: 30 Jun 2018 20:01

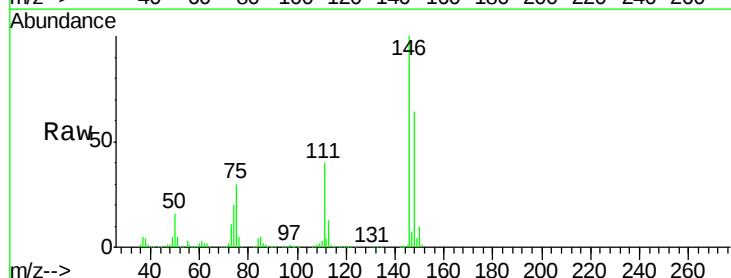
Tgt Ion:146 Resp: 639681

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

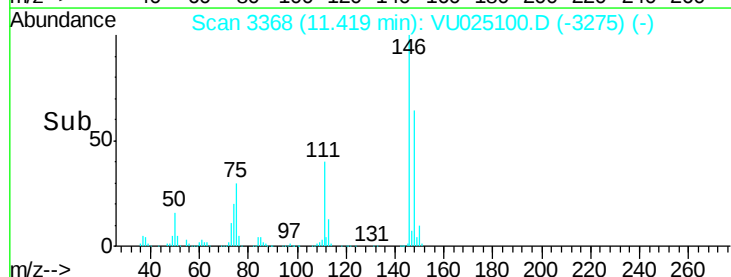
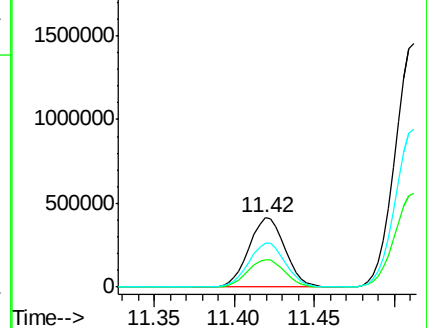
148 64.4 32.1 96.5

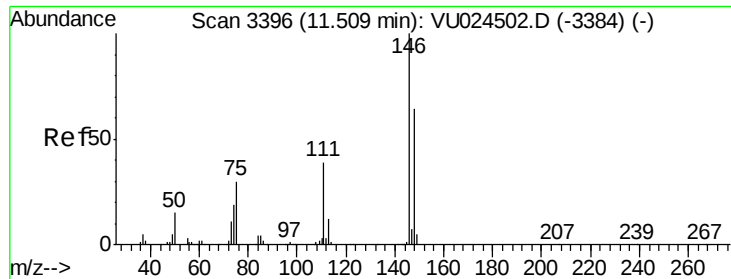


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





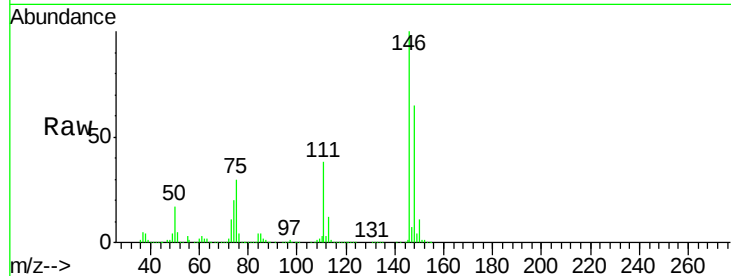
#88
 1,4-Dichlorobenzene
 Concen: 305.22 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

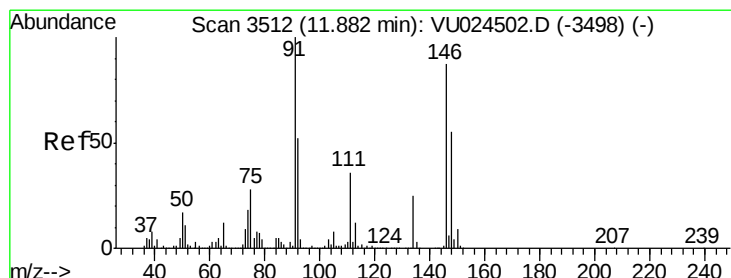
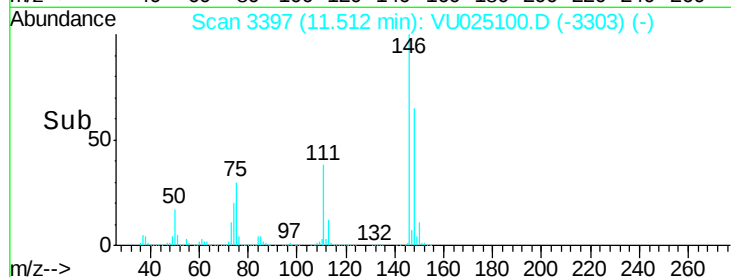
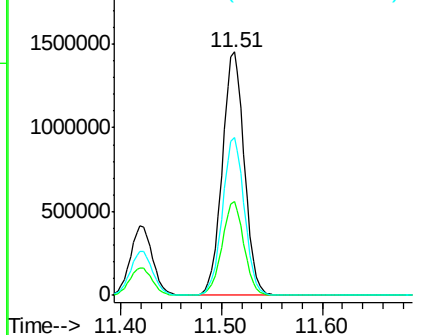
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.6	32.4	97.0

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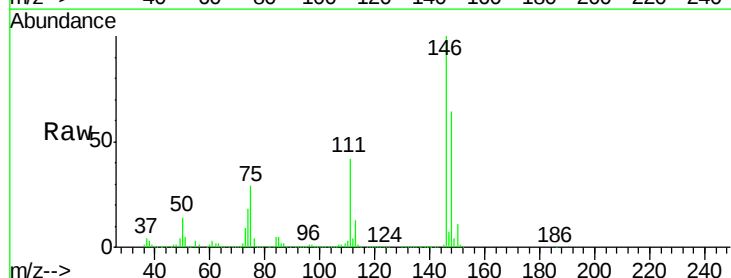


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

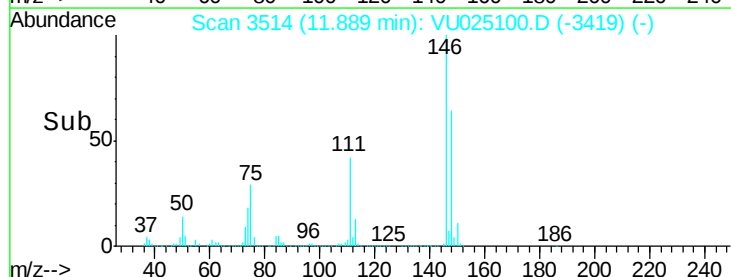
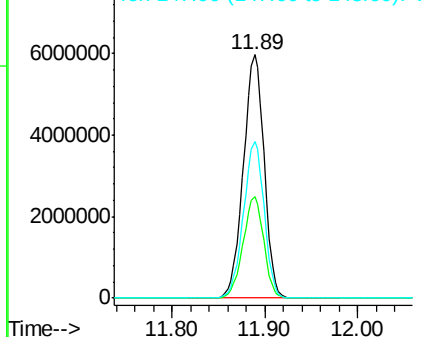


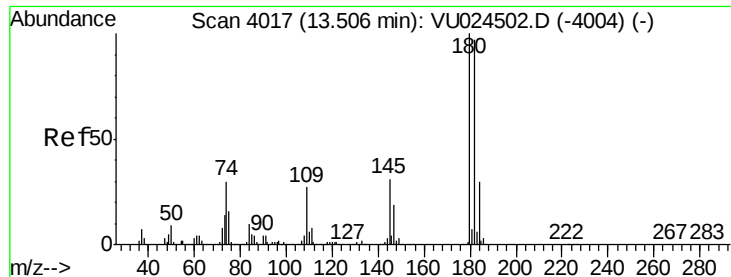
#91
 1,2-Dichlorobenzene
 Concen: 1281.38 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	64.3	31.9	95.7



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





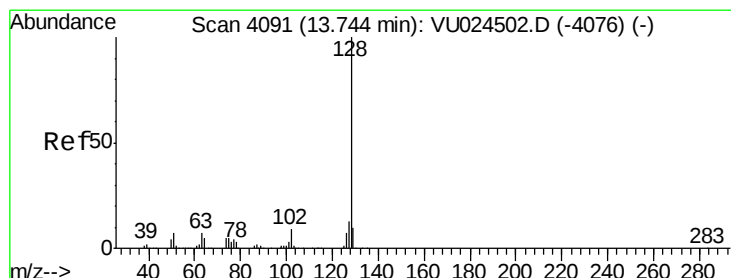
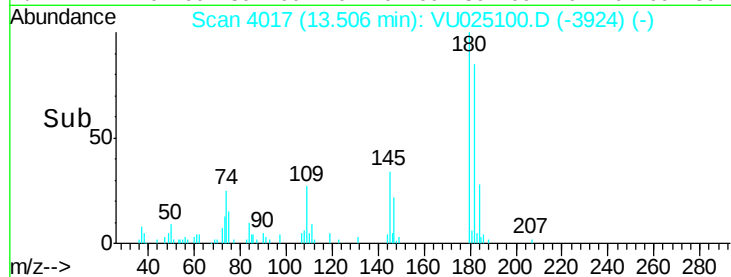
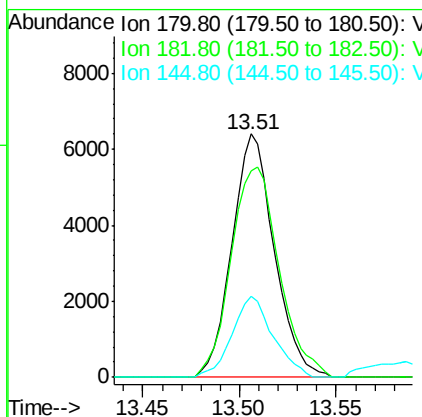
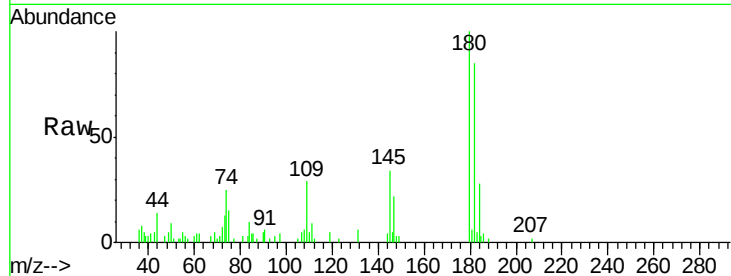
#93
 1,2,4-Trichlorobenzene
 Concen: 2.18 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.0	144.2
145	32.2	14.7	44.1

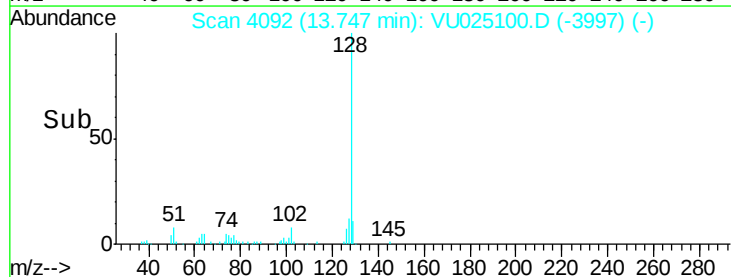
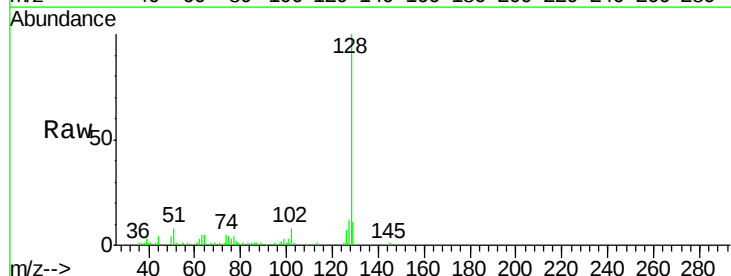
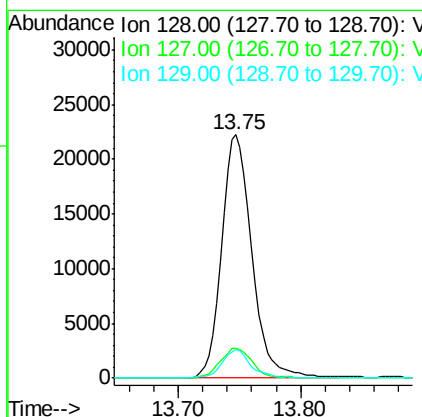
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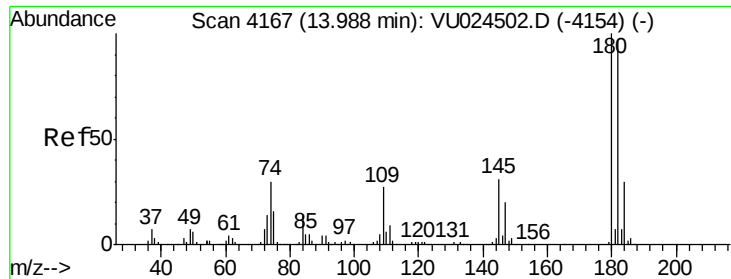
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#95
 Naphthalene
 Concen: 3.27 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.7	8.6	12.8





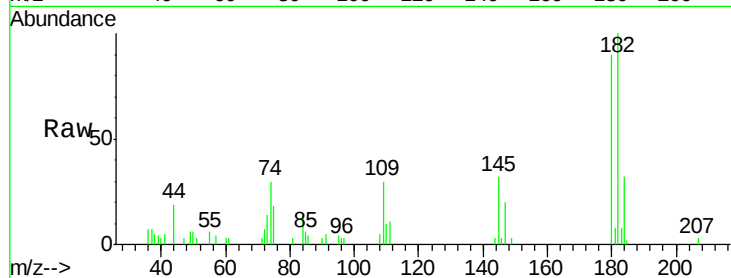
#96
 1,2,3-Trichlorobenzene
 Concen: 1.40 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025100.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW357-180625

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.9	143.7
145	41.0	15.4	46.1

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

