

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028047.D
 Acq On : 09 Nov 2018 16:09
 Operator : MD/SY
 Sample : J5885-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:02:13 PM

Quant Time: Nov 12 11:57:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	399906	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	390680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	184163	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	172829	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	
35) Dibromofluoromethane	4.89	113	127555	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	7.57	98	533572	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
62) 4-Bromofluorobenzene	10.31	95	195320	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	950797	303.052	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.30	101	6779	3.148	ug/l	98
12) 1,1-Dichloroethene	2.29	96	9414	4.367	ug/l	99
19) Methyl tert-butyl Ether	3.01	73	130200	14.976	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	38784	15.589	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	8040627	2882.059	ug/l	90
30) Chloroform	4.68	83	3256	0.655	ug/l	94
44) Trichloroethene	6.19	130	1278478	464.468	ug/l	100
52) Toluene	7.64	92	6360	0.845	ug/l	96
64) Tetrachloroethene	8.24	164	48505538m	19147.366	ug/l	
65) Chlorobenzene	9.13	112	5430	0.658	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.21	131	6736	2.389	ug/l	99
69) o-Xylene	9.78	106	3907	0.702	ug/l	87
73) Isopropylbenzene	10.17	105	9861	0.691	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	7696	1.266	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	17228	4.671	ug/l	94
96) 1,2,3-Trichlorobenzene	13.99	180	6298	1.544	ug/l	93

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

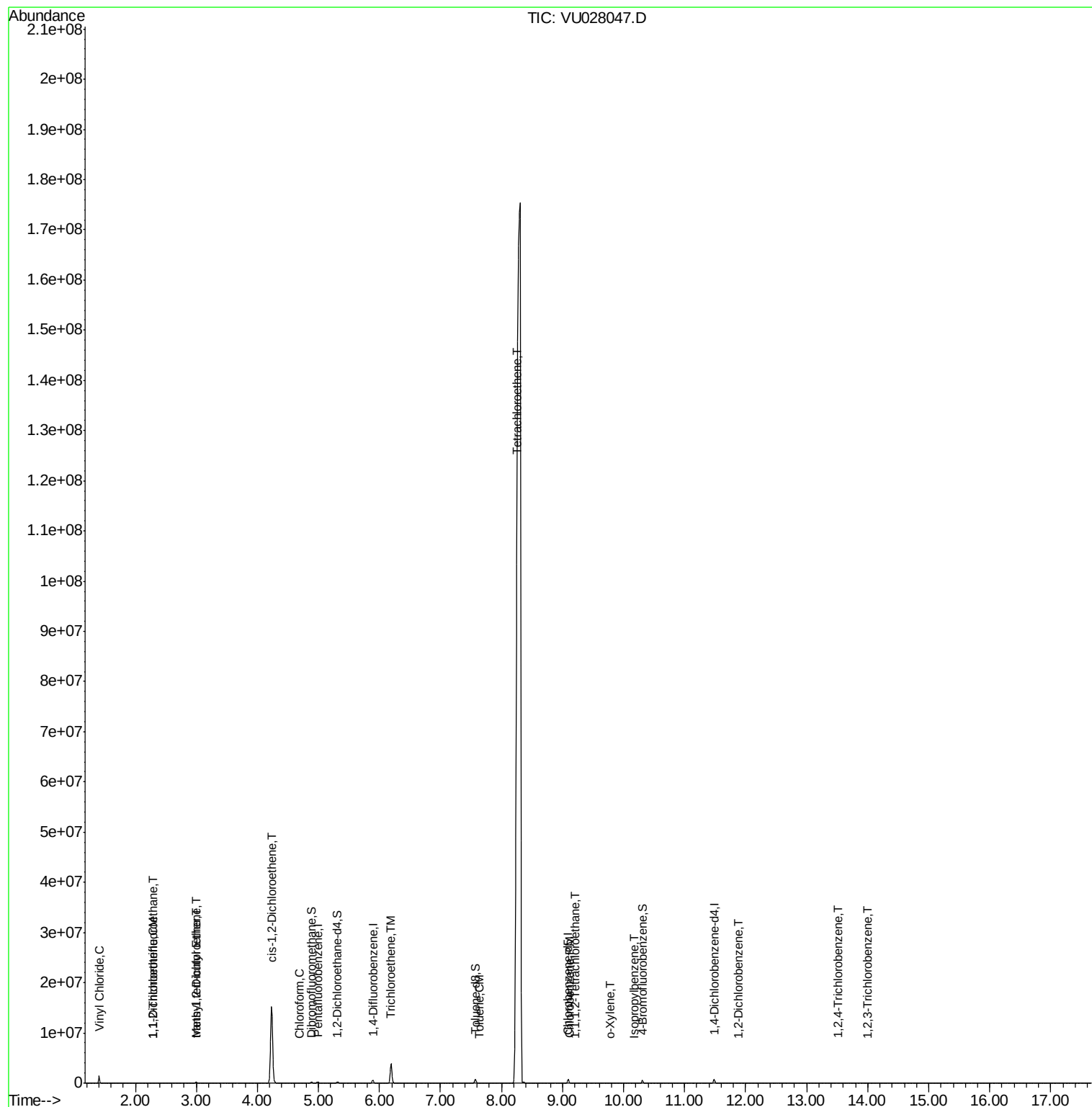
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
Data File : VU028047.D
Acq On : 09 Nov 2018 16:09
Operator : MD/SY
Sample : J5885-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

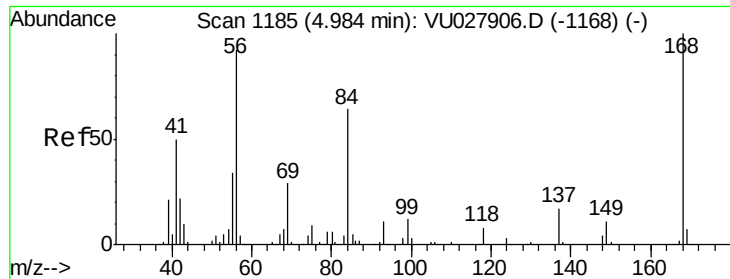
Instrument :
MSVOA_U
ClientSampleId :
MW-5

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Quant Time: Nov 12 11:57:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. 0.01 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Instrument :

MSVOA_U

ClientSampled :

MW-5

Tot Ion:168 Resp: 205696

Ion Ratio Lower Upper

168 100

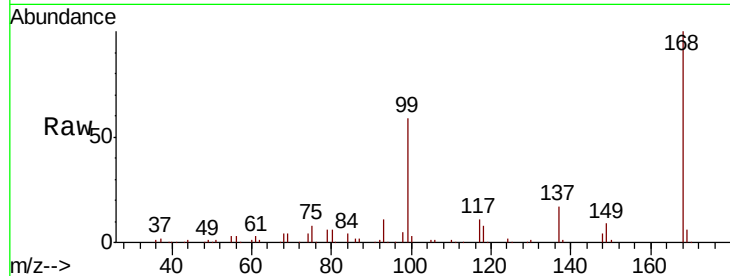
99 59.3 47.9 71.9

Manual Integrations

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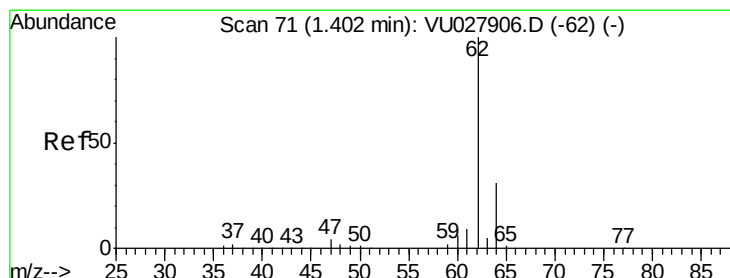
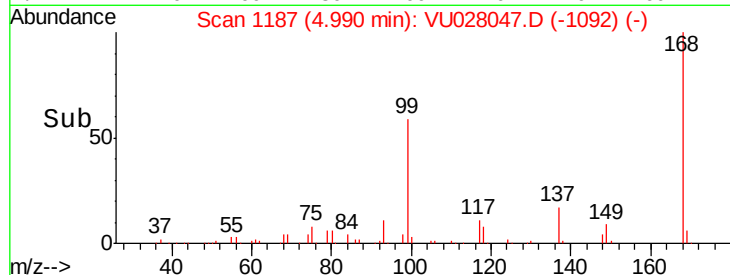
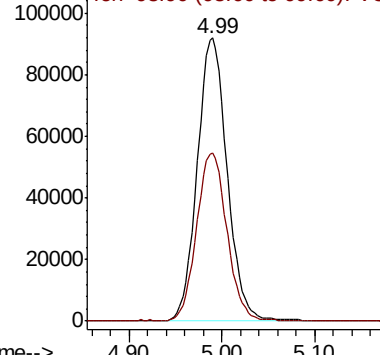
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 303.052 ug/l

RT: 1.41 min Scan# 73

Delta R.T. 0.01 min

Lab File: VU028047.D

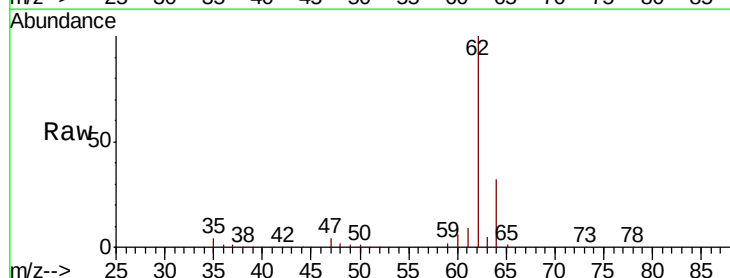
Acq: 09 Nov 2018 16:09

Tgt Ion: 62 Resp: 950797

Ion Ratio Lower Upper

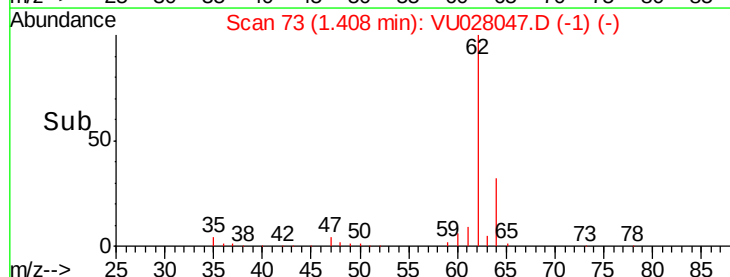
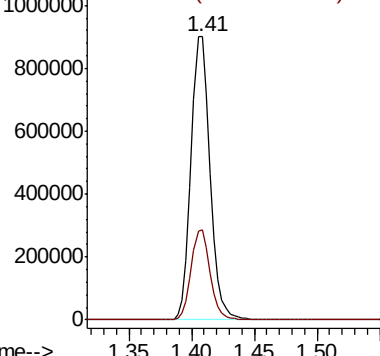
62 100

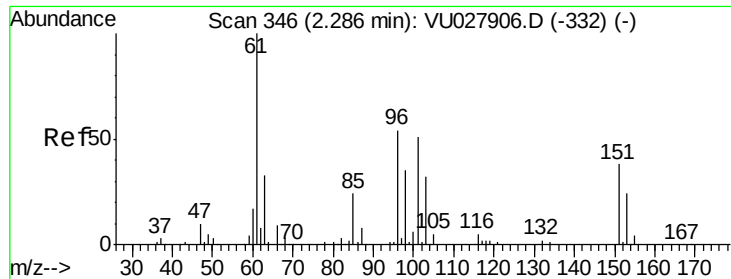
64 31.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.148 ug/l

RT: 2.30 min Scan# 349

Delta R.T. 0.01 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Instrument :

MSVOA_U

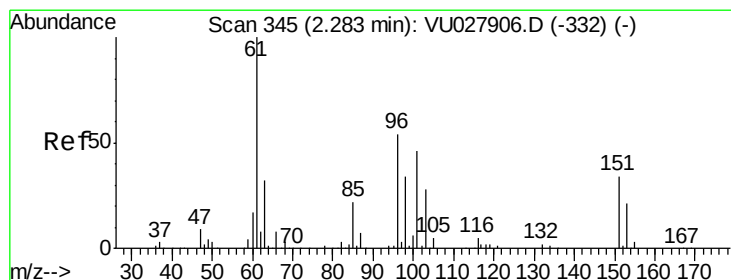
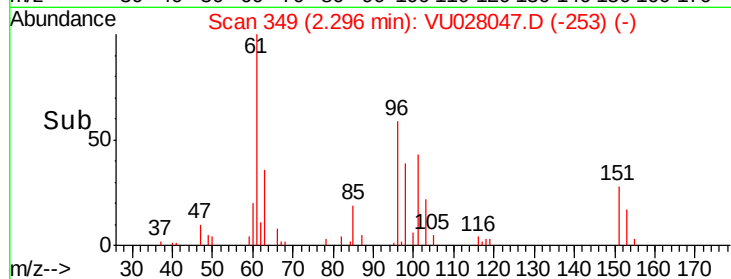
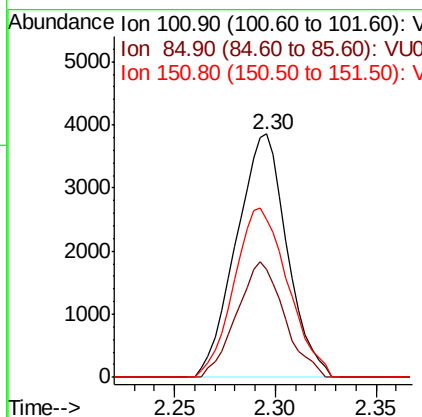
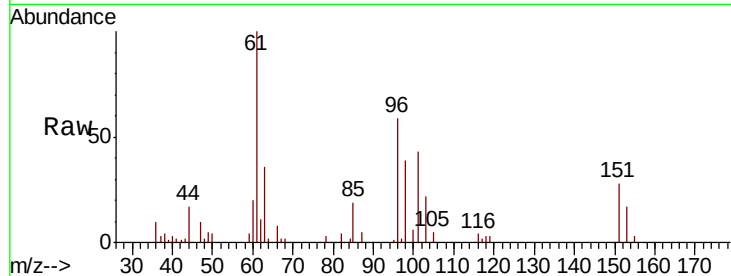
ClientSampled :

MW-5

Tot Ion:	101	Resp:	6779
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.9	55.3
151	73.8	58.0	87.0

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#12

1,1-Dichloroethene

Concen: 4.367 ug/l

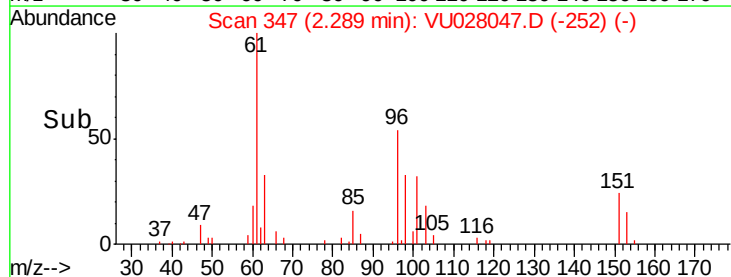
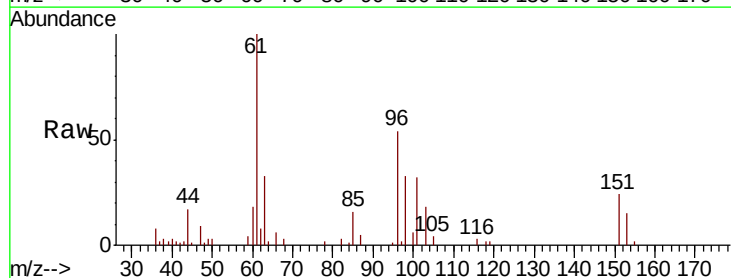
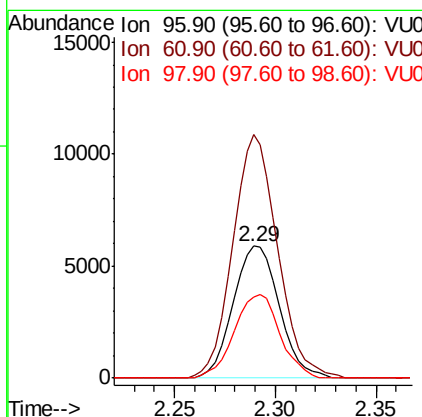
RT: 2.29 min Scan# 347

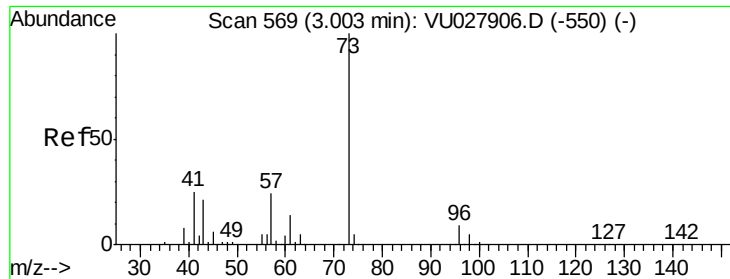
Delta R.T. 0.01 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Tgt Ion:	96	Resp:	9414
Ion Ratio	Lower	Upper	
96	100		
61	184.9	149.3	223.9
98	61.9	50.6	75.8





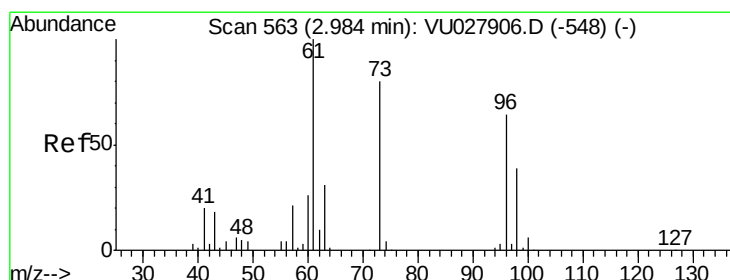
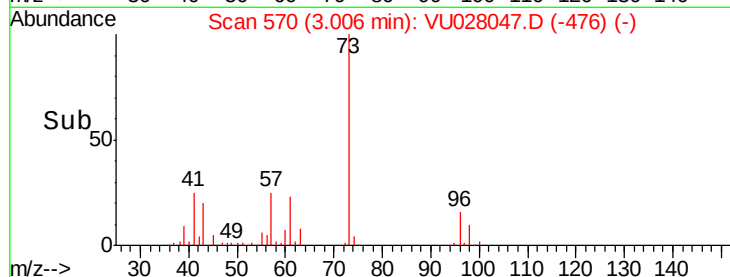
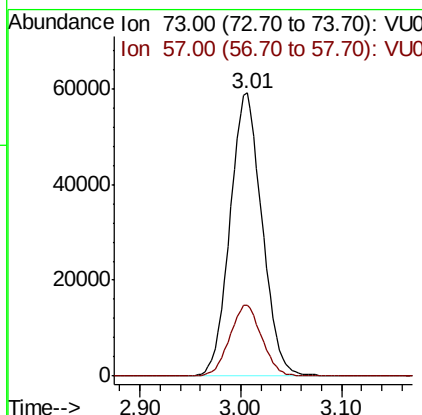
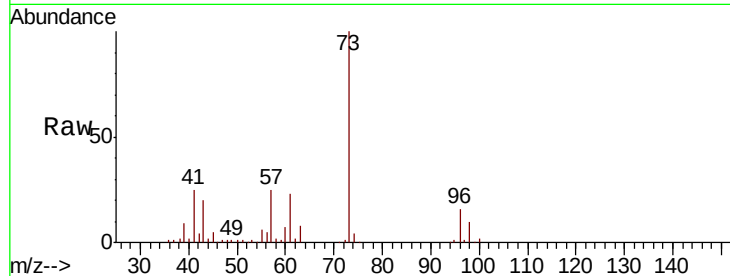
#19
Methyl tert-butyl Ether
Concen: 14.976 ug/l
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028047.D
Acq: 09 Nov 2018 16:09

Instrument :
MSVOA_U
ClientSampled :
MW-5

Tot Ion	73	Resp	130200
Ion Ratio	100	Lower	Upper
73	100	19.3	28.9
57	25.3		

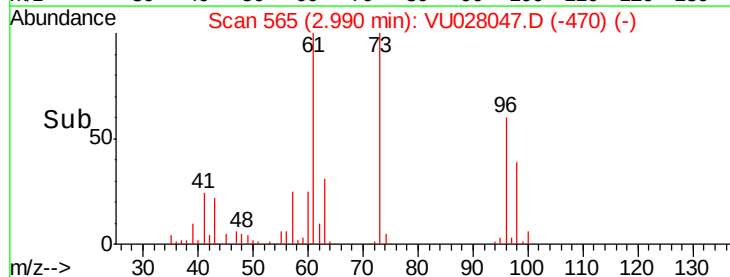
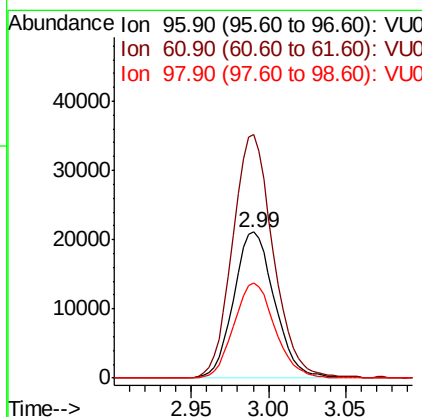
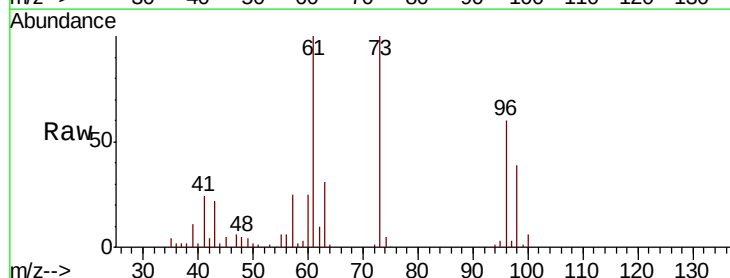
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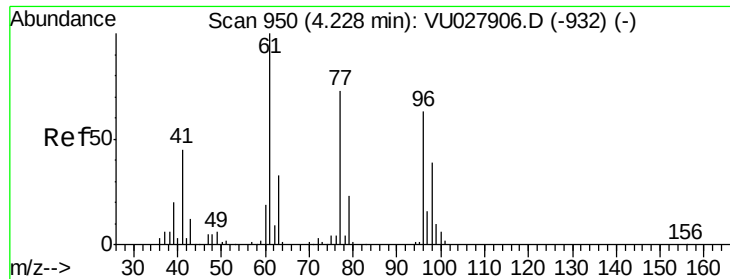
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#21
trans-1,2-Dichloroethene
Concen: 15.589 ug/l
RT: 2.99 min Scan# 565
Delta R.T. 0.01 min
Lab File: VU028047.D
Acq: 09 Nov 2018 16:09

Tgt Ion	96	Resp	38784
Ion Ratio	100	Lower	Upper
96	100	125.0	187.6
61	166.6	48.2	72.4
98	65.2		





#27

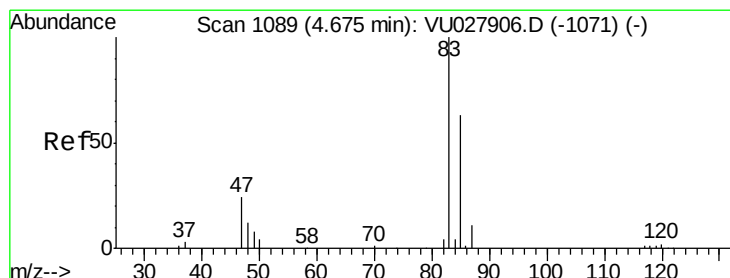
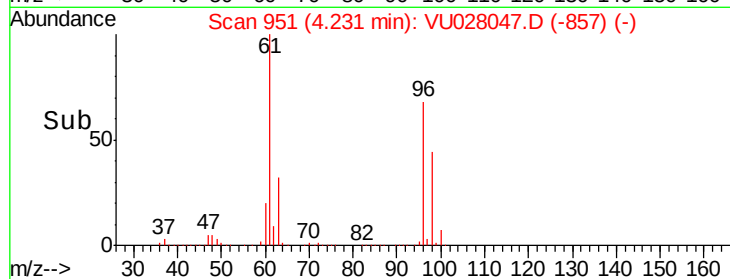
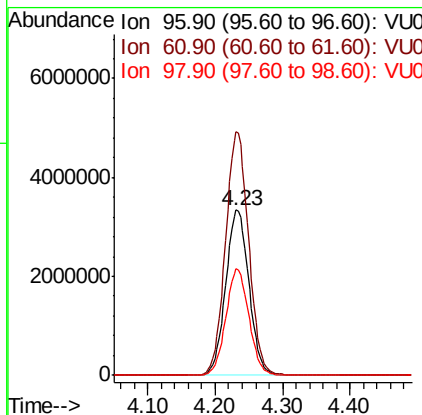
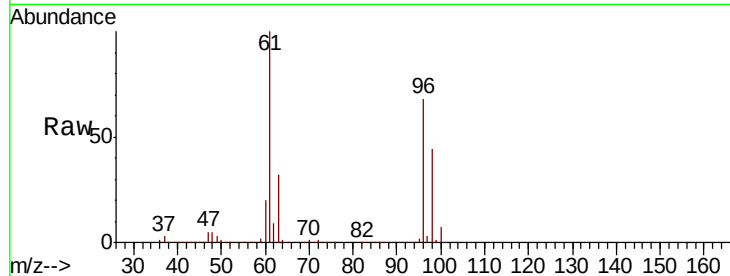
cis-1,2-Dichloroethene
 Concen: 2882.059 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

Instrument :
 MSVOA_U
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	329.6
98	63.8	0.0	127.2

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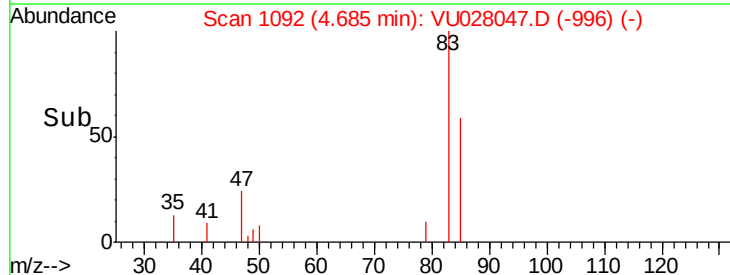
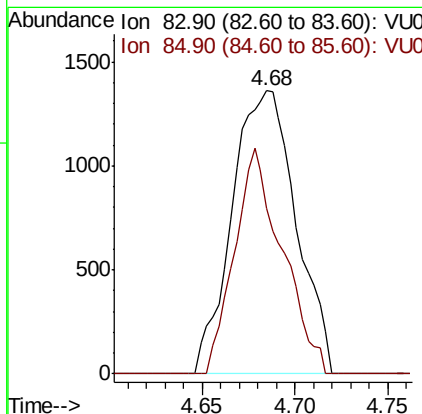
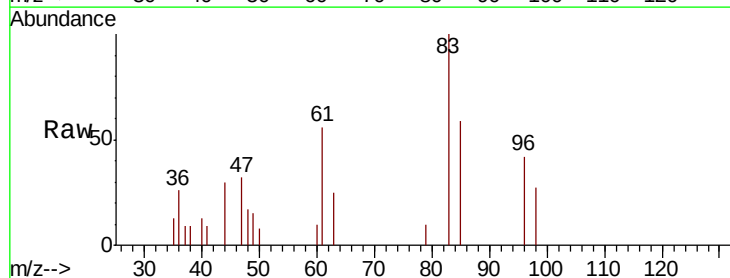
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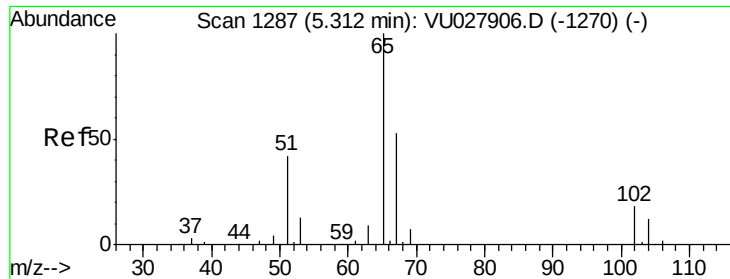


#30

Chloroform
 Concen: 0.655 ug/l
 RT: 4.68 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.6	50.6	76.0





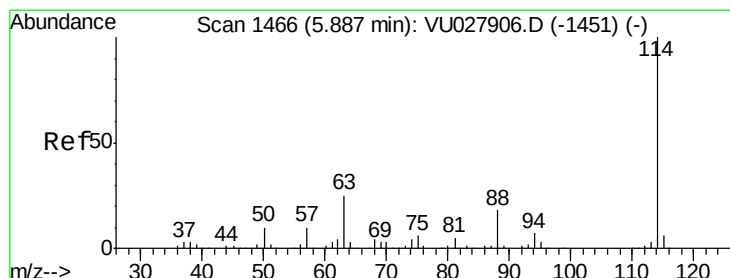
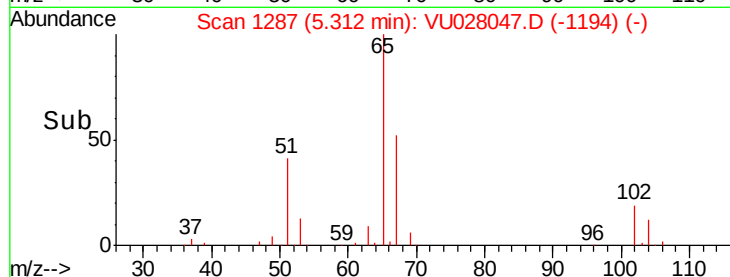
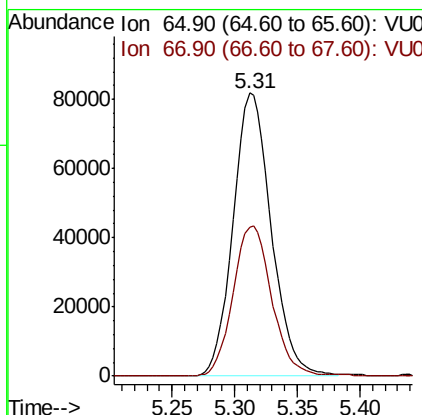
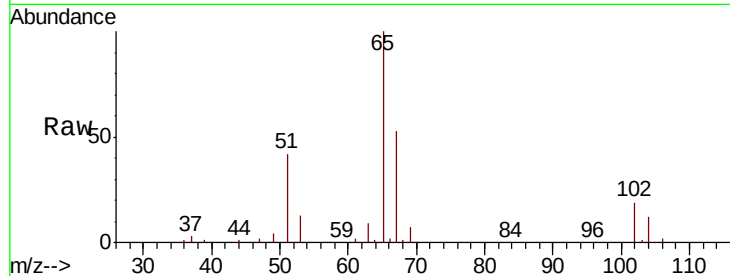
#33
 1,2-Dichloroethane-d4
 Concen: 56.514 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

Instrument :
 MSVOA_U
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.0

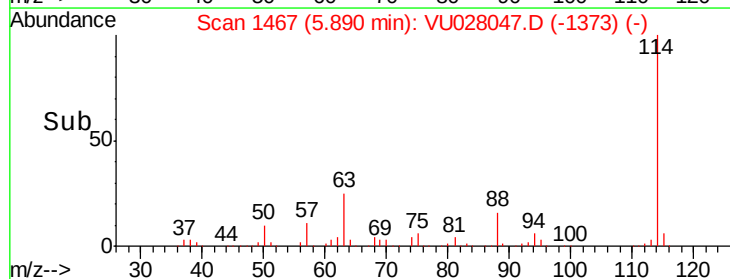
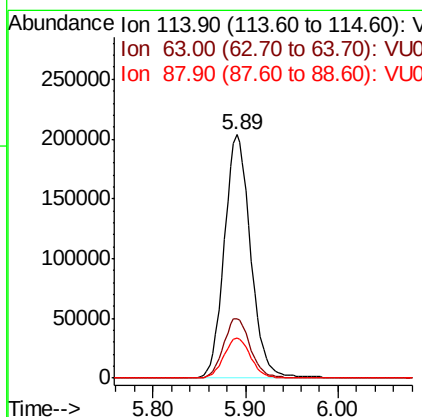
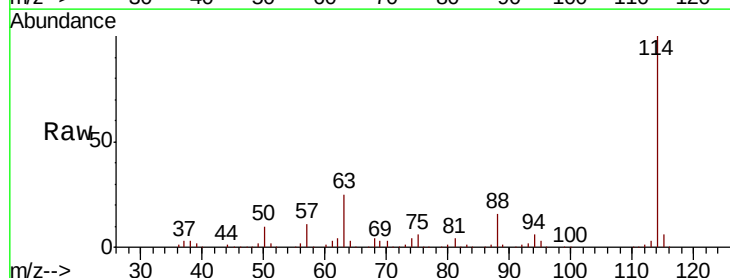
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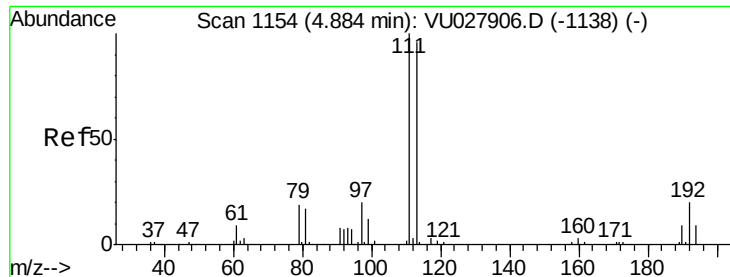
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	50.8
88	16.5	0.0	35.8





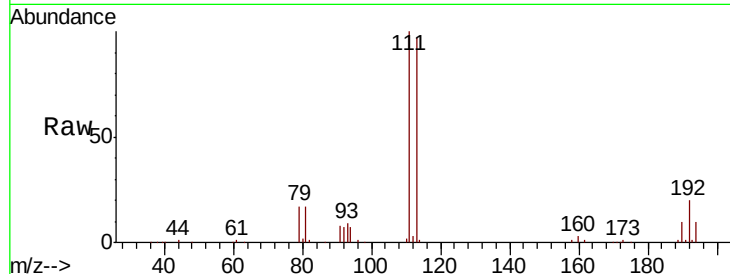
#35
 Dibromofluoromethane
 Concen: 50.588 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127555		
111	103.9	83.0	124.6	
192	19.4	15.6	23.4	

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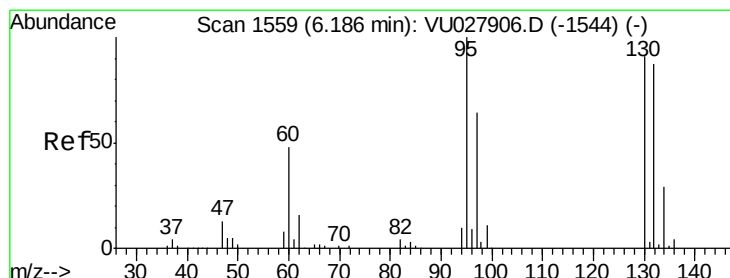
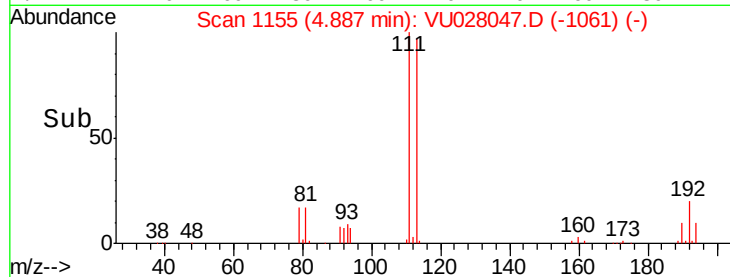
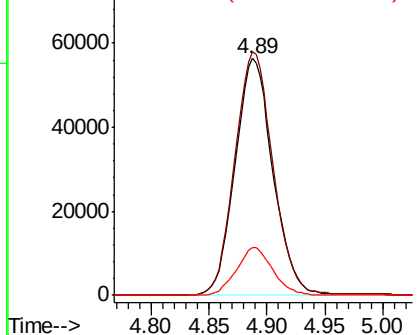


Abundance

Ion 112.80 (112.50 to 113.50): V

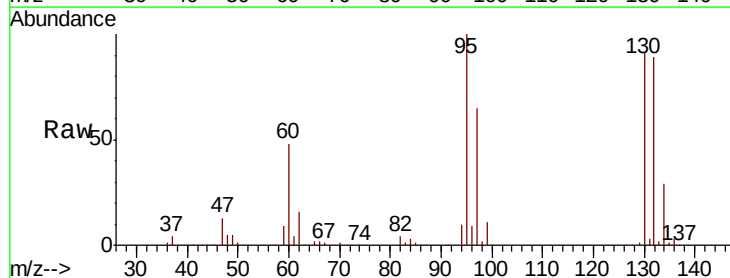
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44
 Trichloroethene
 Concen: 464.468 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

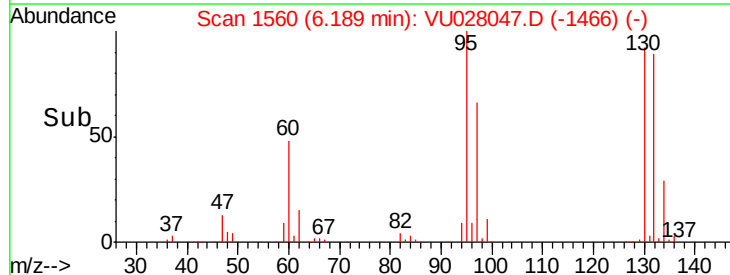
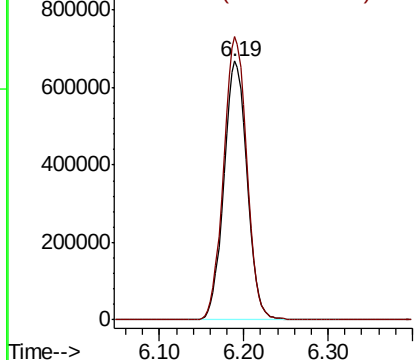
Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1278478		
95	109.5	0.0	219.2	

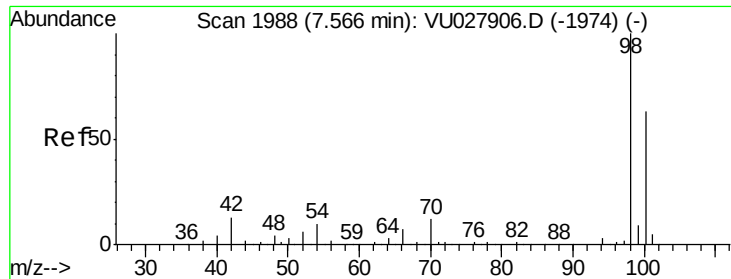


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





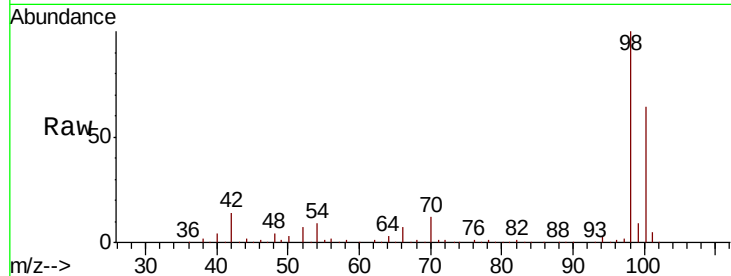
#50
Toluene-d8
Concen: 54.780 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU028047.D
Acq: 09 Nov 2018 16:09

Instrument :
MSVOA_U
ClientSampleId :
MW-5

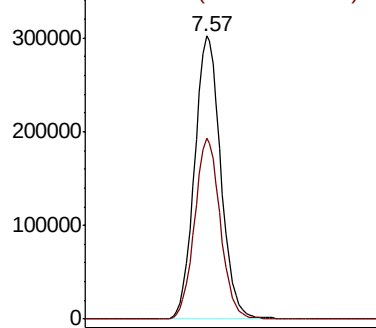
Tot Ion: 98 Resp: 533572
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

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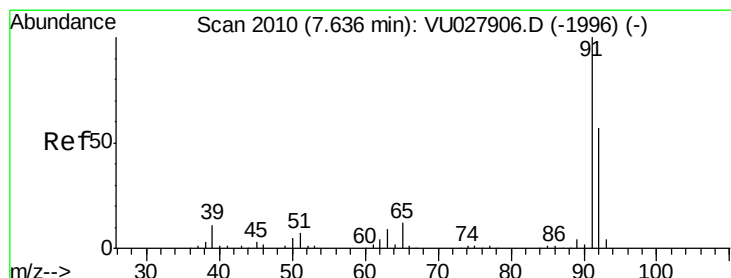
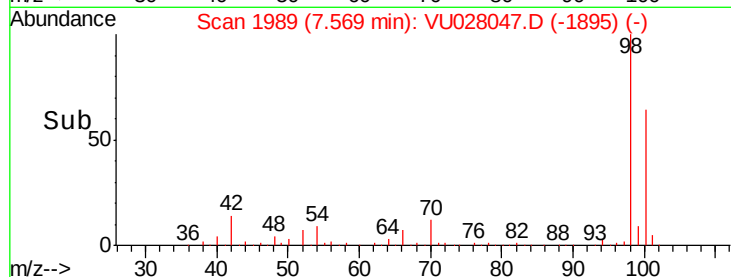
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Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

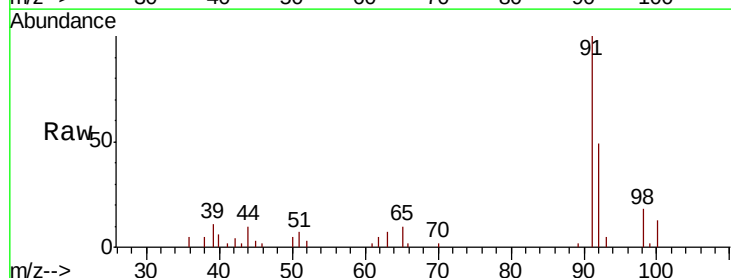


Time-->

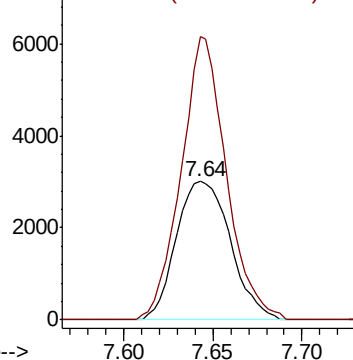


#52
Toluene
Concen: 0.845 ug/l
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028047.D
Acq: 09 Nov 2018 16:09

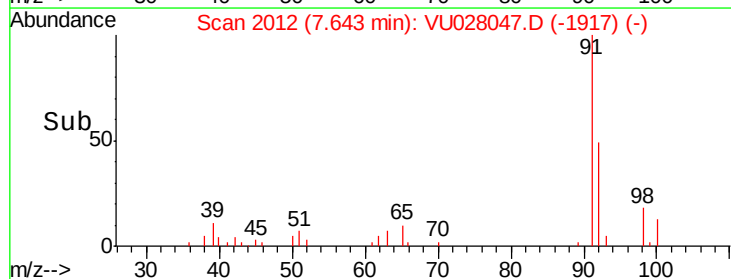
Tgt Ion: 92 Resp: 6360
Ion Ratio Lower Upper
92 100
91 170.6 141.2 211.8

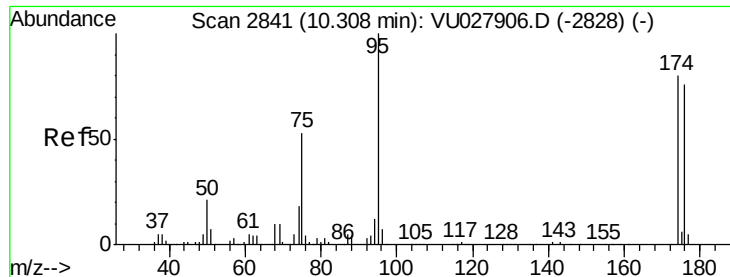


Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)
Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)



Time-->





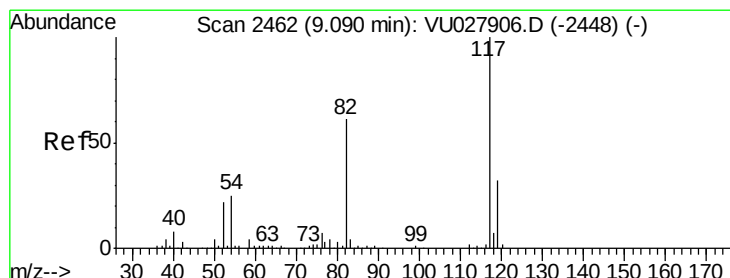
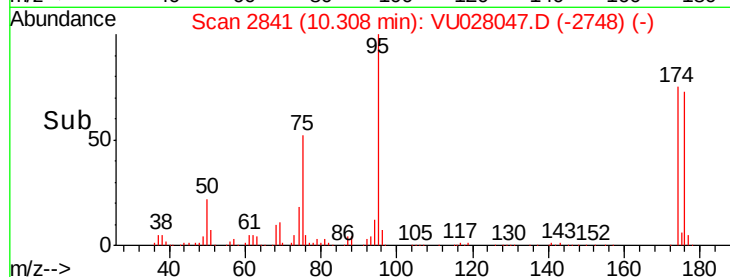
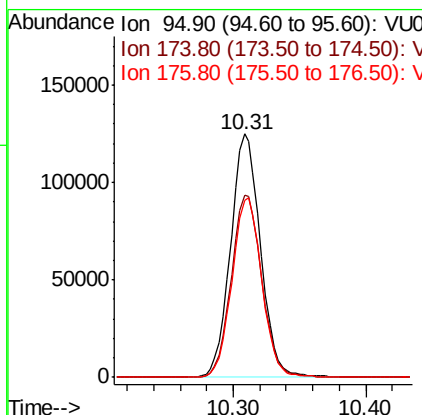
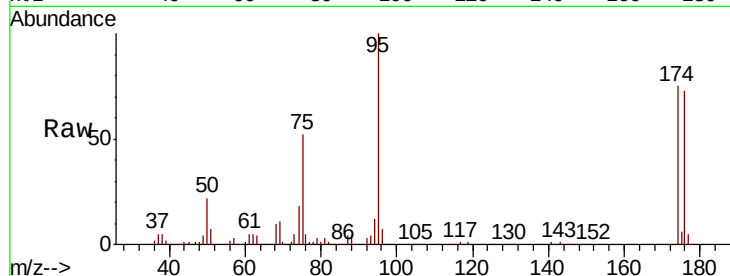
#62
4-Bromofluorobenzene
Concen: 54.367 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028047.D
Acq: 09 Nov 2018 16:09

Instrument :
MSVOA_U
ClientSampleId :
MW-5

Tot Ion	Ratio	Resp	Lower	Upper
95	100	195320		
174	76.6	0.0	156.4	
176	73.7	0.0	150.8	

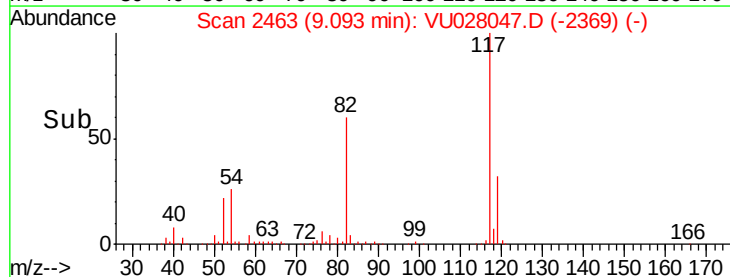
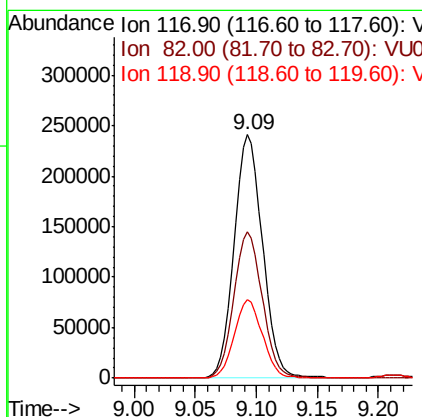
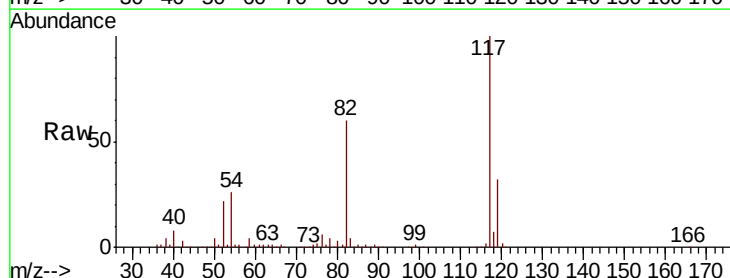
Manual Integrations
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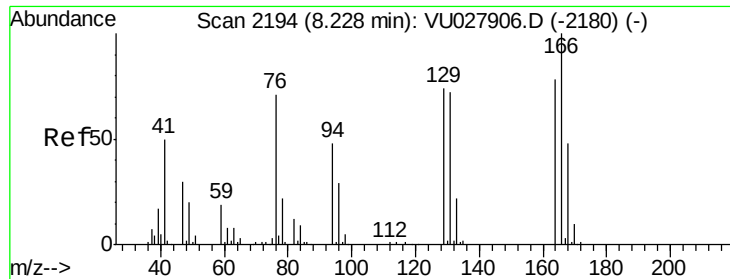
MMDadoda
11/12/2018 12:02:13 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU028047.D
Acq: 09 Nov 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390680		
82	60.0	48.6	73.0	
119	32.3	25.8	38.8	





#64

Tetrachloroethene

Concen: 19147.366 ug/l m

RT: 8.24 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Instrument :

MSVOA_U

ClientSampleId :

MW-5

Tot Ion:164 Resp:48505538

Ion Ratio Lower Upper

164 100

166 100.0 102.1 153.1#

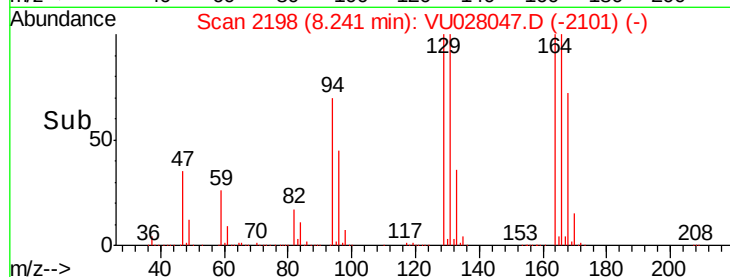
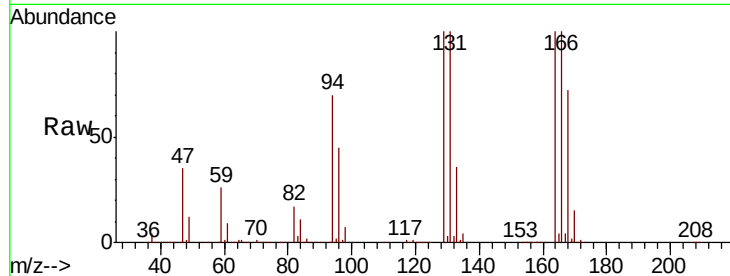
129 100.0 75.9 113.9

131 100.0 73.0 109.6

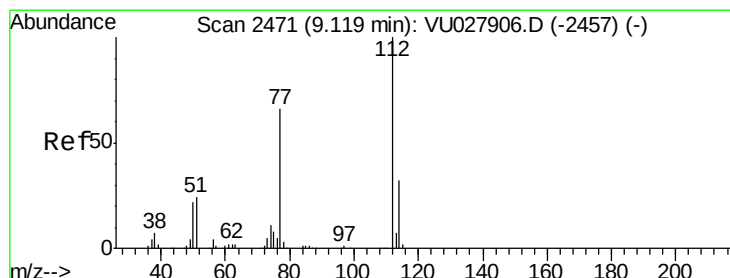
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Time-->



#65

Chlorobenzene

Concen: 0.658 ug/l

RT: 9.13 min Scan# 2473

Delta R.T. 0.01 min

Lab File: VU028047.D

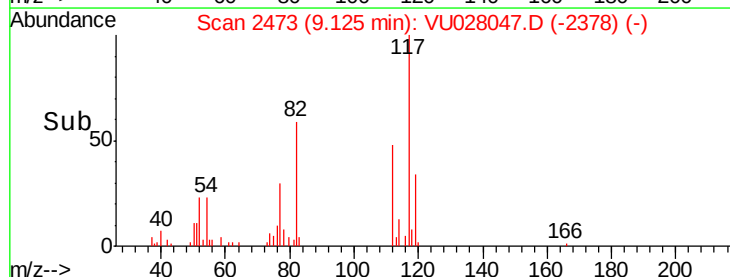
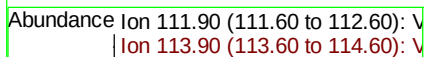
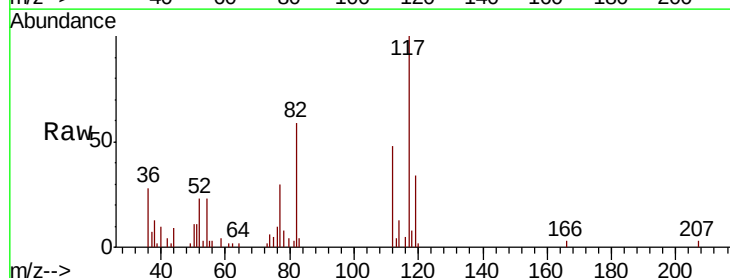
Acq: 09 Nov 2018 16:09

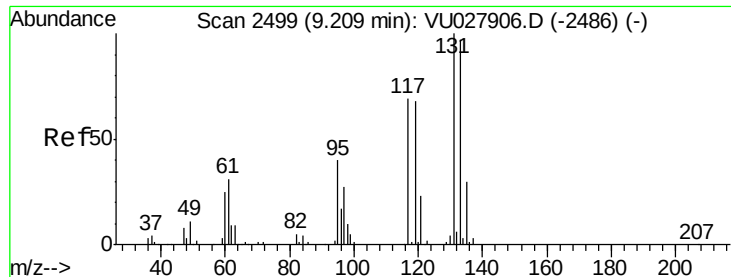
Tgt Ion:112 Resp: 5430

Ion Ratio Lower Upper

112 100

114 27.8 25.2 37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 2.389 ug/l

RT: 9.21 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Instrument :

MSVOA_U

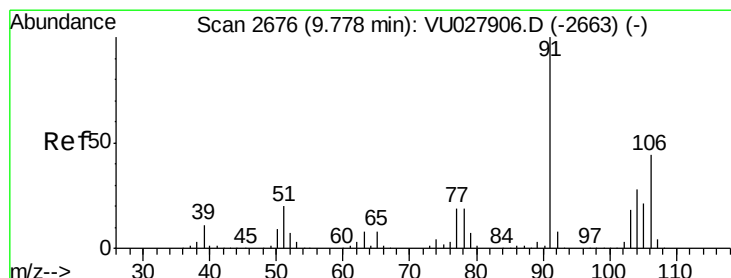
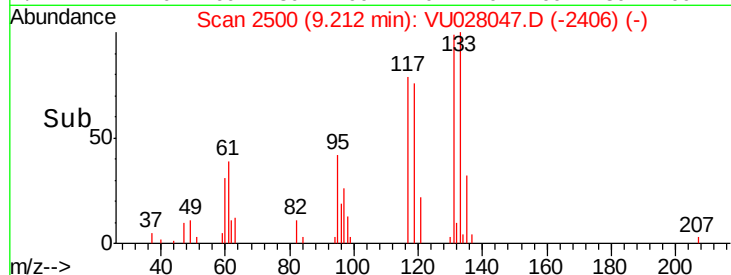
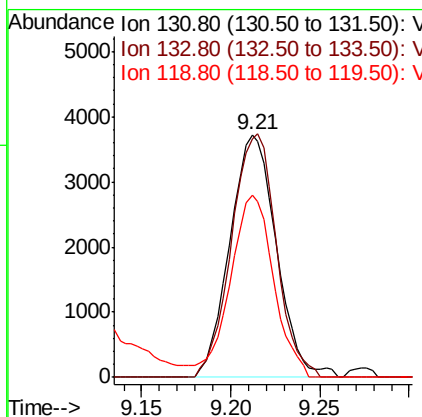
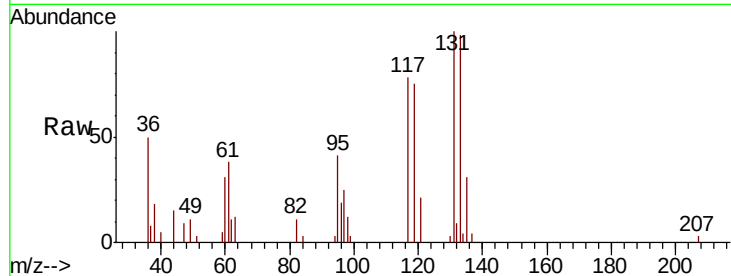
ClientSampled :

MW-5

Tot Ion:	131	Resp:	6736
Ion	Ratio	Lower	Upper
131	100		
133	96.9	48.1	144.4
119	69.9	34.0	101.8

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#69

o-Xylene

Concen: 0.702 ug/l

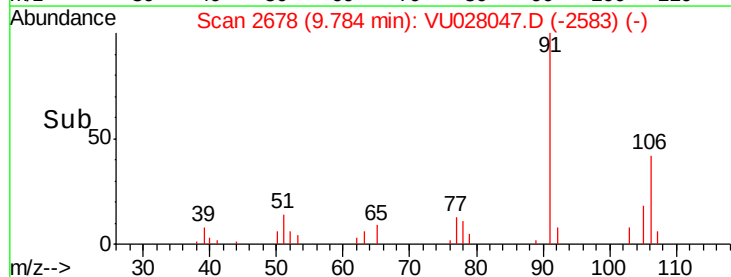
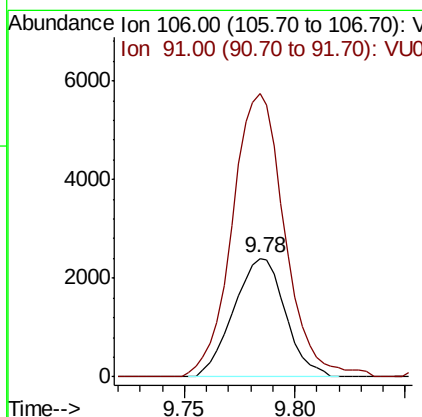
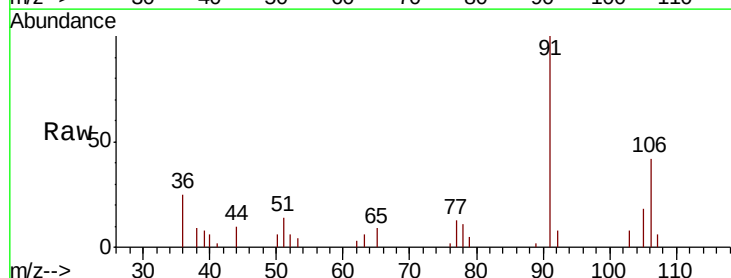
RT: 9.78 min Scan# 2678

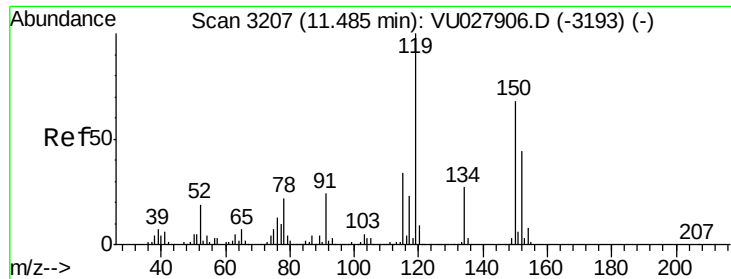
Delta R.T. 0.01 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Tgt Ion:	106	Resp:	3907
Ion	Ratio	Lower	Upper
106	100		
91	243.2	111.1	333.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Instrument :

MSVOA_U

ClientSampled :

MW-5

Tot Ion:152 Resp: 184163

Ion Ratio Lower Upper

152 100

115 59.5 43.0 129.0

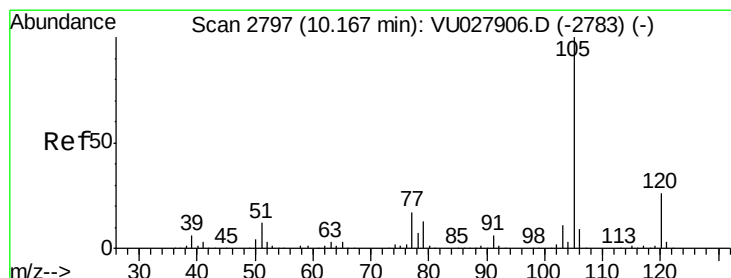
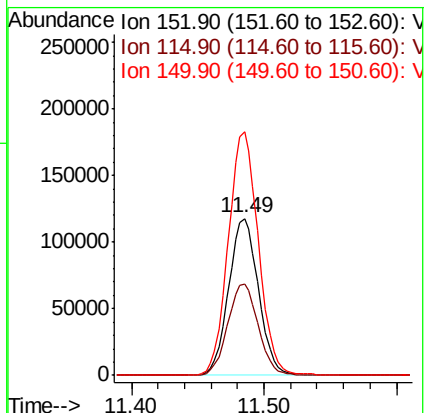
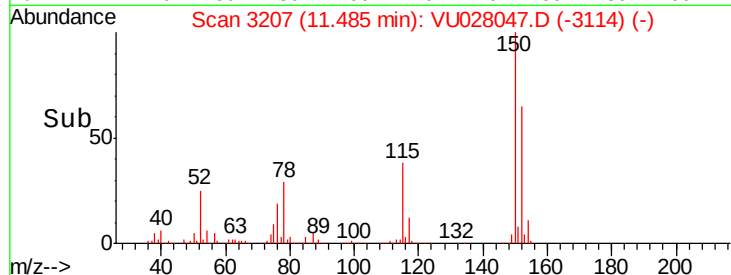
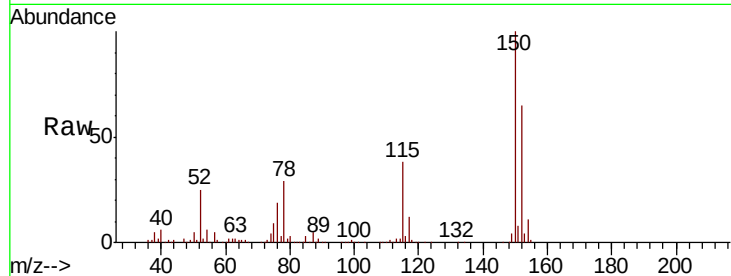
150 156.5 0.0 349.4

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#73

Isopropylbenzene

Concen: 0.691 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU028047.D

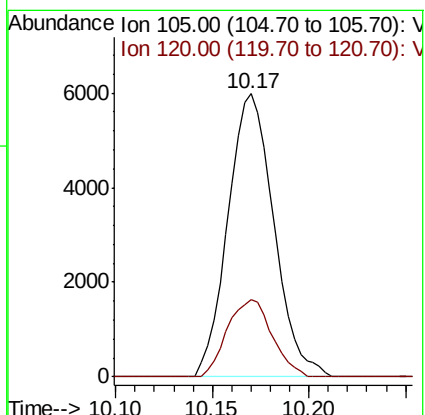
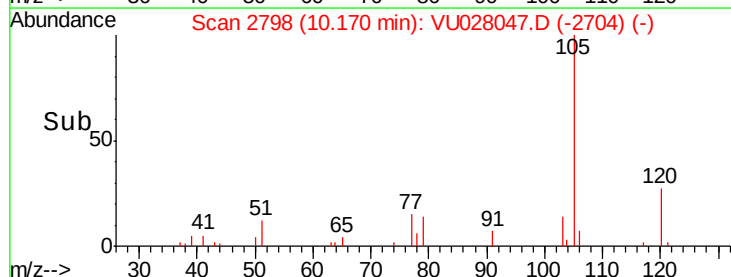
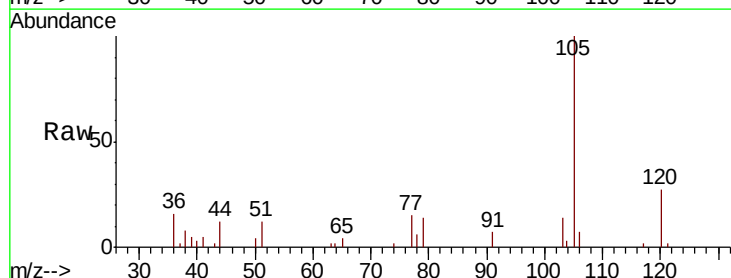
Acq: 09 Nov 2018 16:09

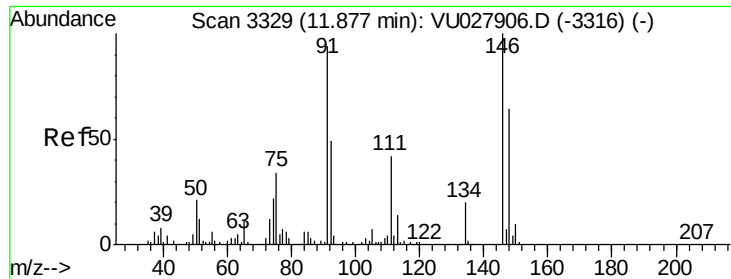
Tgt Ion:105 Resp: 9861

Ion Ratio Lower Upper

105 100

120 26.5 12.7 38.0





#91

1,2-Dichlorobenzene

Concen: 1.266 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Instrument :

MSVOA_U

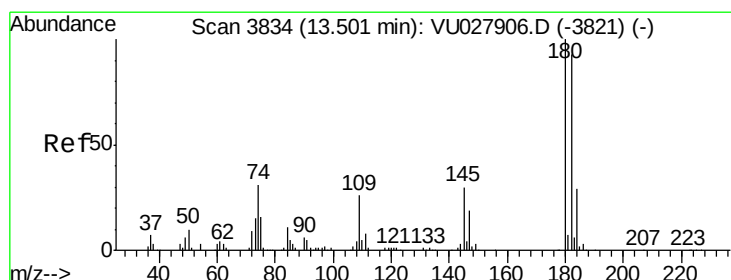
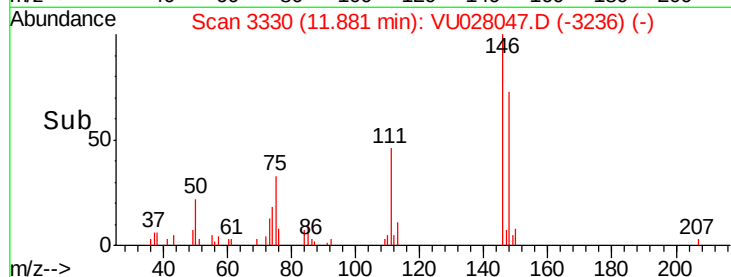
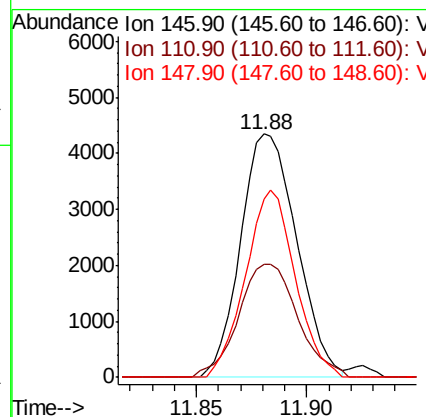
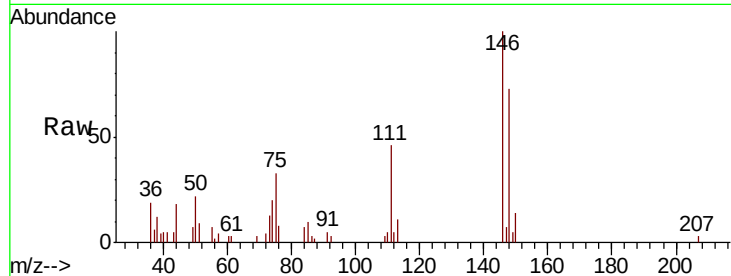
ClientSampled :

MW-5

Tot Ion:	146	Resp:	7696
Ion	Ratio	Lower	Upper
146	100		
111	48.8	21.3	64.0
148	68.1	31.8	95.3

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#93

1,2,4-Trichlorobenzene

Concen: 4.671 ug/l

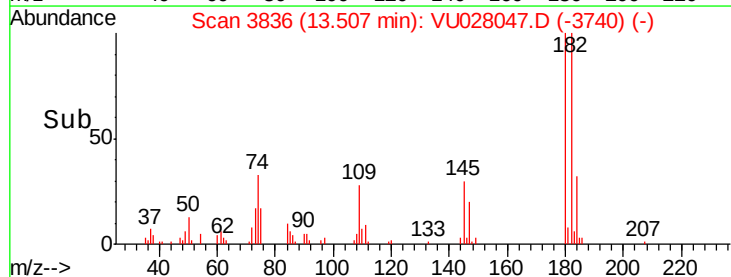
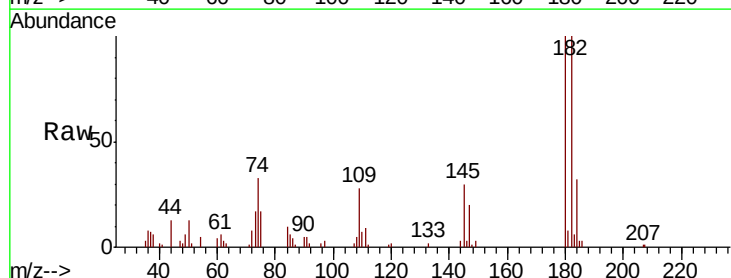
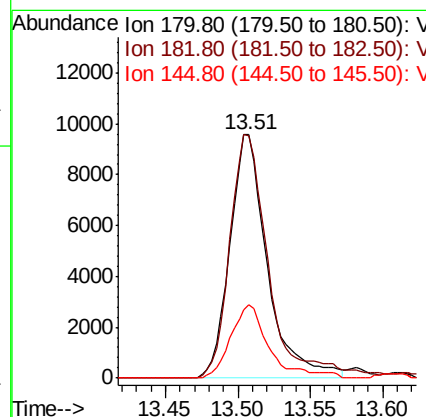
RT: 13.51 min Scan# 3836

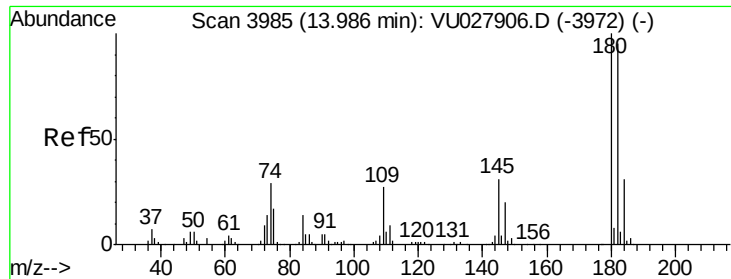
Delta R.T. 0.01 min

Lab File: VU028047.D

Acq: 09 Nov 2018 16:09

Tgt Ion:	180	Resp:	17228
Ion	Ratio	Lower	Upper
180	100		
182	104.5	48.4	145.2
145	29.6	14.9	44.5





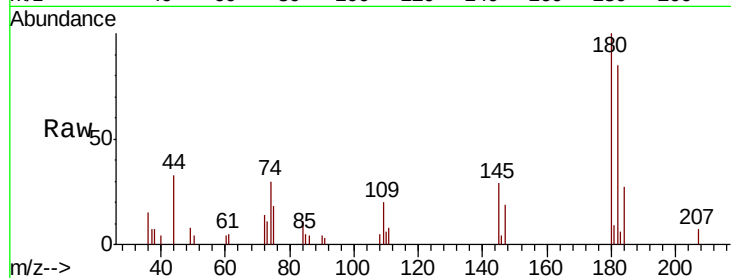
#96
 1,2,3-Trichlorobenzene
 Concen: 1.544 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU028047.D
 Acq: 09 Nov 2018 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.9	47.4	142.3
145	31.7	16.0	47.9

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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

