

Data File : VU025085.D
Acq On : 30 Jun 2018 13:57
Operator : MD/SY
Sample : J3671-09ME 10X
Misc : 7.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Manual Integrations
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Quant Time: Jul 05 03:22:53 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	211173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315335	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159950	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	4.89	113	123218	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	7.57	98	452340	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	10.31	95	174886	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.28	96	2467	1.026	ug/l #	90
21) trans-1,2-Dichloroethene	2.99	96	1417	0.535	ug/l #	80
27) cis-1,2-Dichloroethene	4.23	96	618361	203.096	ug/l	88
39) Methylcyclohexane	6.42	83	8624	1.865	ug/l #	87
44) Trichloroethene	6.19	130	51145	17.020	ug/l	96
68) m/p-Xylenes	9.38	106	7513	1.490	ug/l	100
78) n-propylbenzene	10.59	91	5978	0.396	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	13922	1.253	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	35258	3.113	ug/l	97
85) sec-Butylbenzene	11.33	105	5821	0.435	ug/l	96
86) p-Isopropyltoluene	11.48	119	5114m	0.427	ug/l	
88) 1,4-Dichlorobenzene	11.51	146	3666m	0.607	ug/l	
89) n-Butylbenzene	11.89	91	15515	1.458	ug/l #	40
91) 1,2-Dichlorobenzene	11.89	146	6458	1.075	ug/l	95
95) Naphthalene	13.75	128	18243	2.144	ug/l	99

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

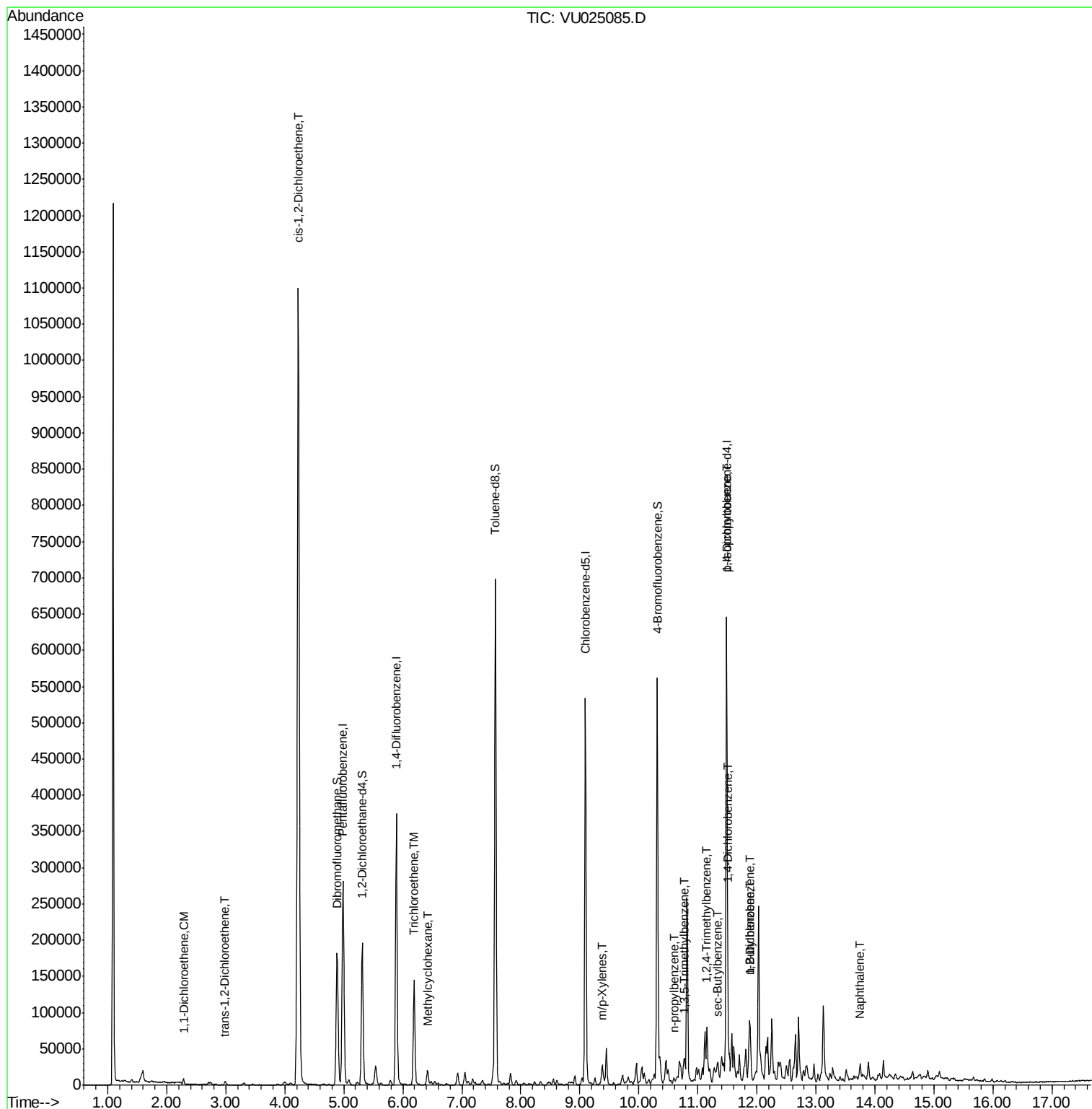
Data File : VU025085.D
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Quant Time: Jul 05 03:22:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-25-27-180621ME

Tgt Ion: 168 Resp: 211173

Ion Ratio Lower Upper

168 100

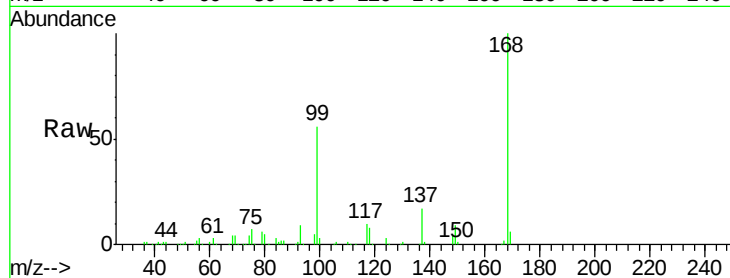
99 56.4 43.2 64.8

Manual Integrations

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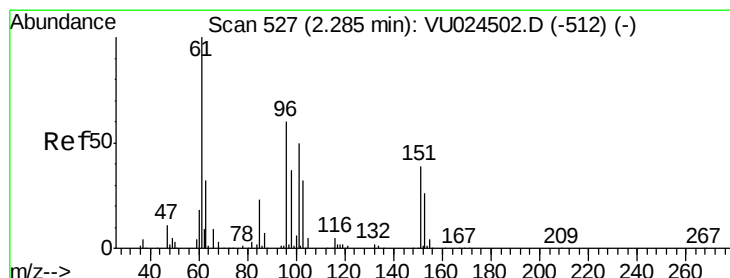
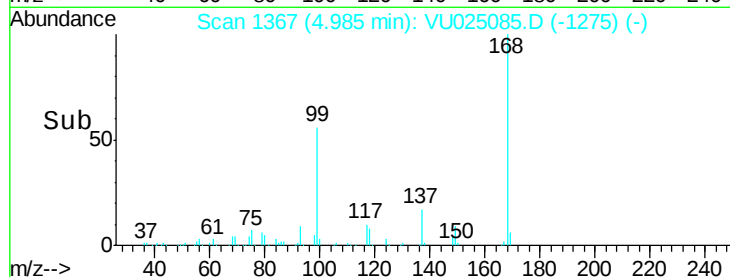
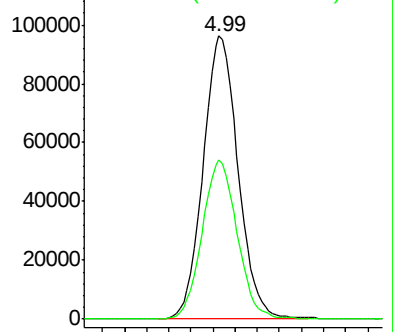
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#12

1,1-Dichloroethene

Concen: 1.026 ug/l

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

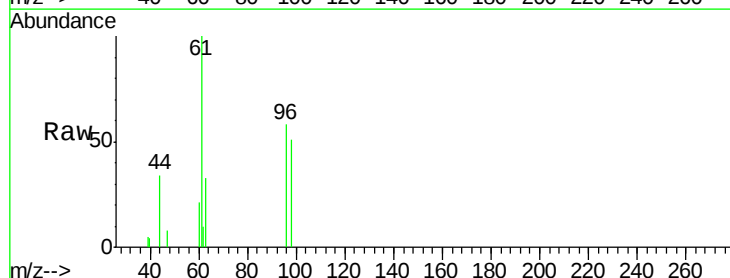
Tgt Ion: 96 Resp: 2467

Ion Ratio Lower Upper

96 100

61 172.5 141.7 212.5

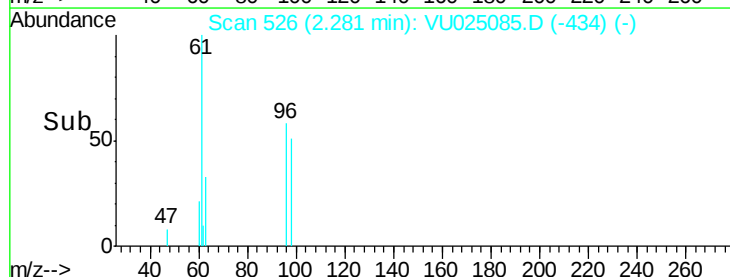
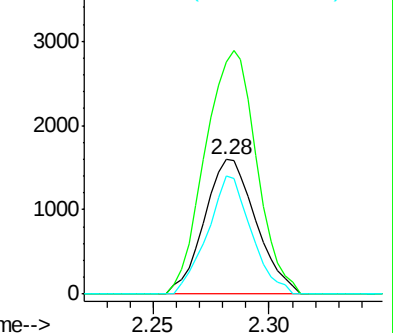
98 87.6 51.6 77.4#

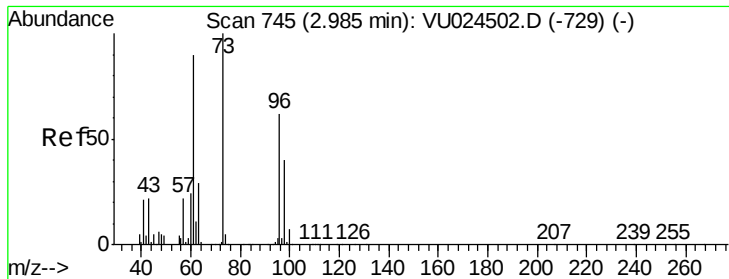


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#21

trans-1,2-Dichloroethene

Concen: 0.535 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

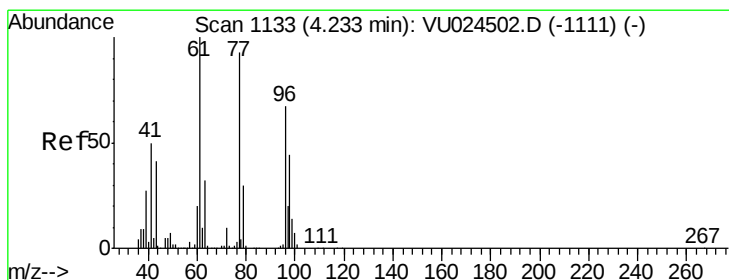
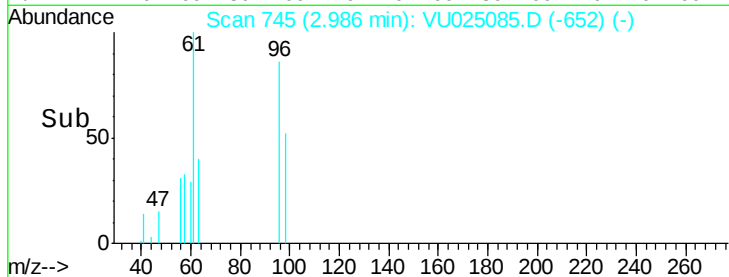
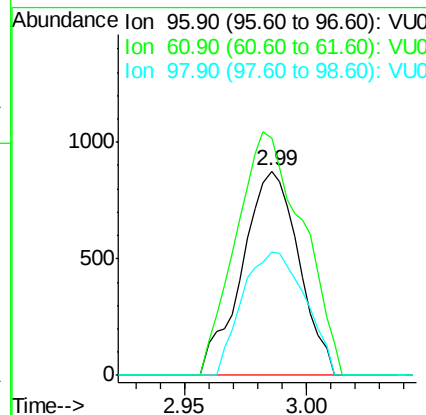
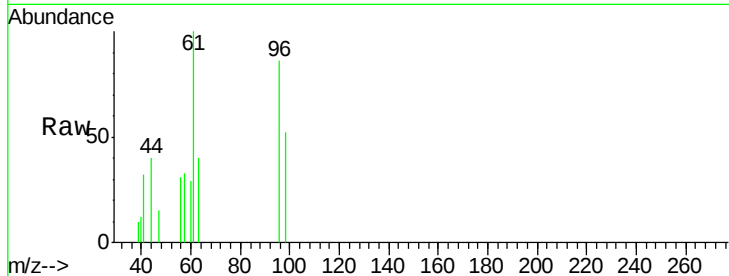
ClientSampleId :

WP021SB478-25-27-180621ME

Tgt Ion:	96	Resp:	1417
Ion Ratio	Lower	Upper	
96	100		
61	115.7	119.4	179.0#
98	60.3	51.1	76.7

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#27

cis-1,2-Dichloroethene

Concen: 203.096 ug/l

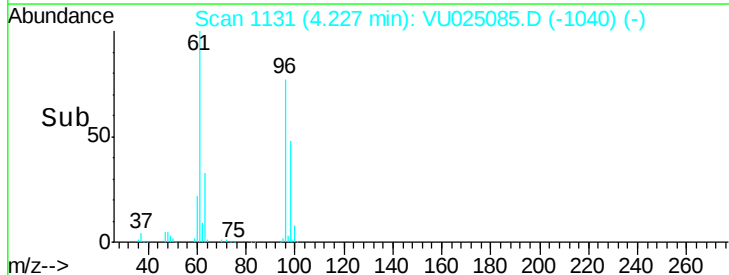
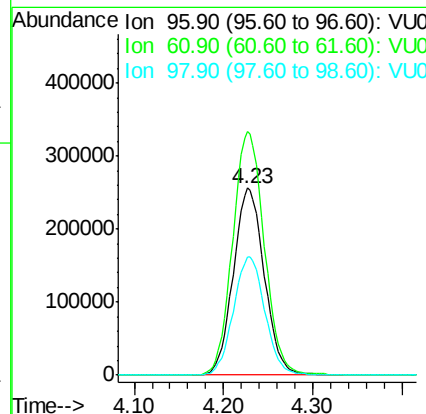
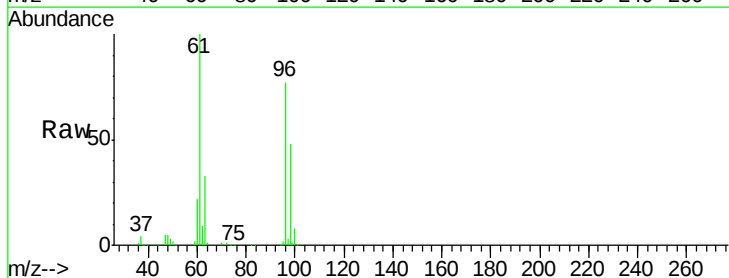
RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Tgt Ion:	96	Resp:	618361
Ion Ratio	Lower	Upper	
96	100		
61	132.2	0.0	306.6
98	64.0	0.0	128.8





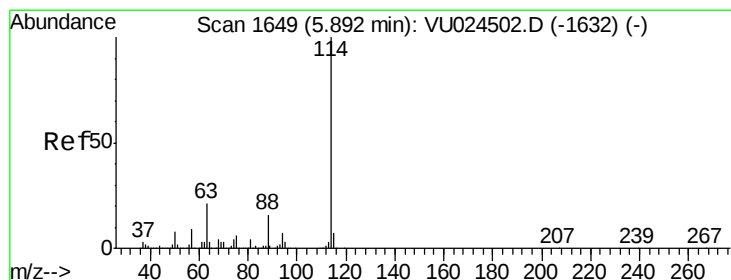
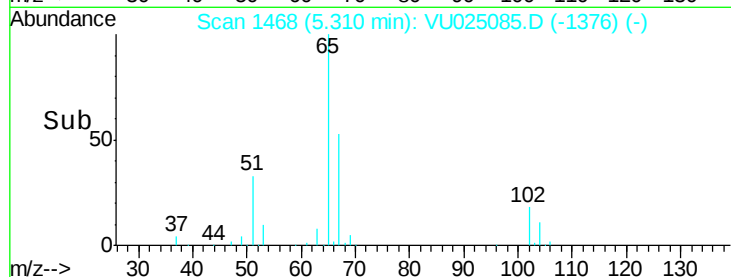
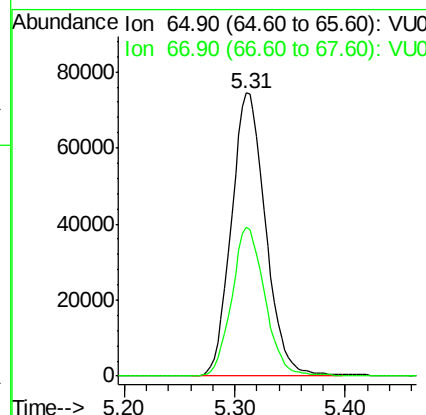
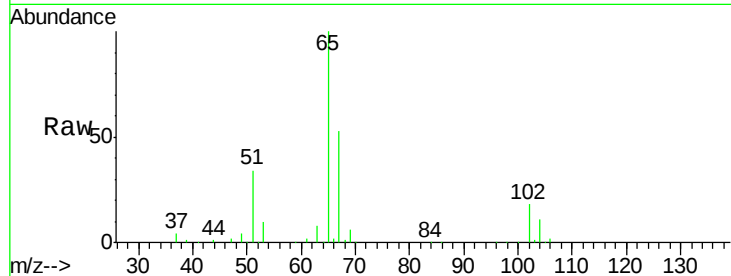
#33
 1,2-Dichloroethane-d4
 Concen: 46.397 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159950		
67	51.1	0.0	107.0	

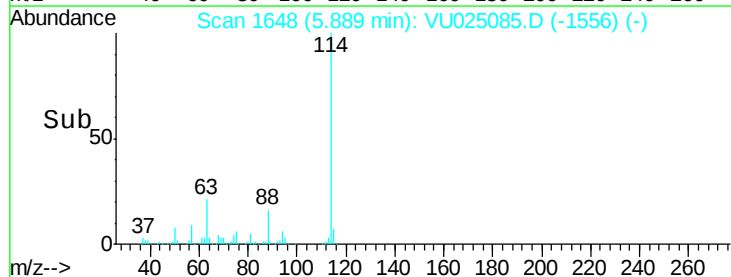
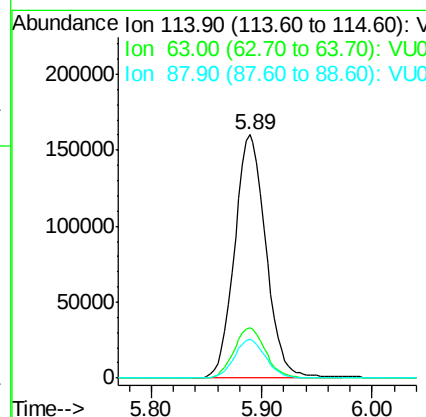
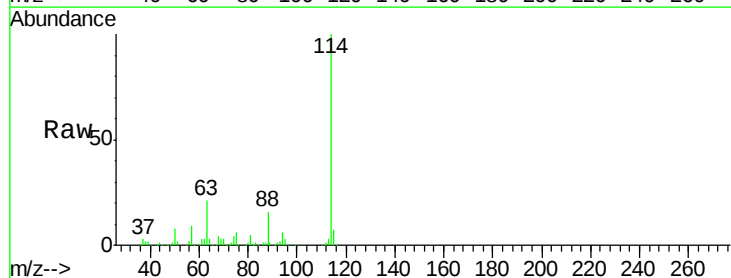
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315335		
63	20.7	0.0	45.4	
88	16.0	0.0	31.0	





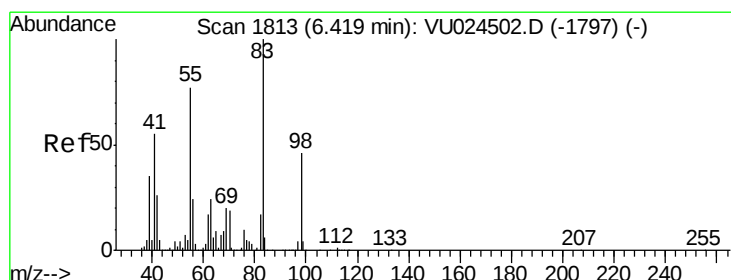
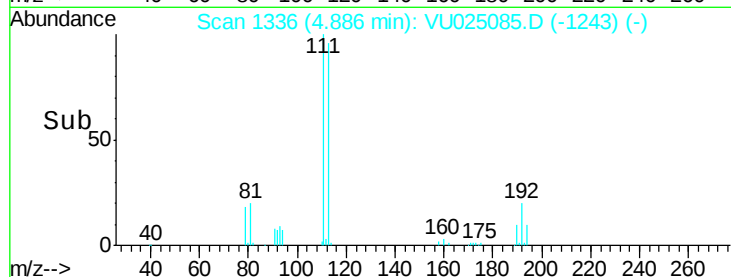
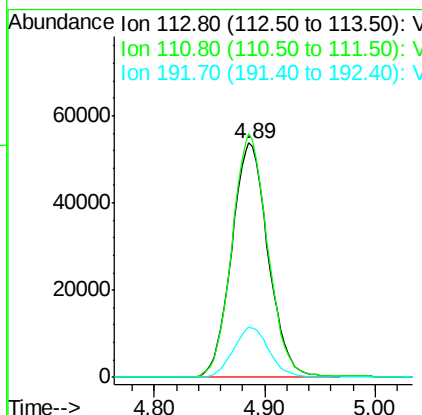
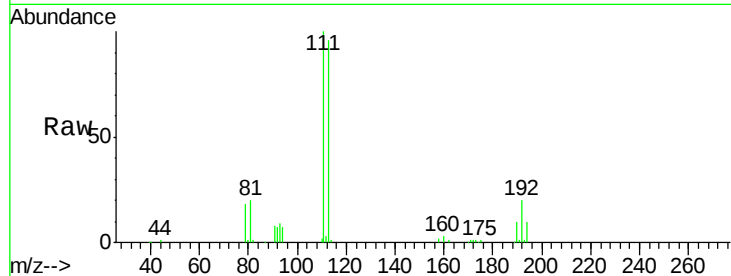
#35
 Dibromofluoromethane
 Concen: 47.083 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	123218		
111	101.7	82.2	123.4	
192	20.9	16.2	24.4	

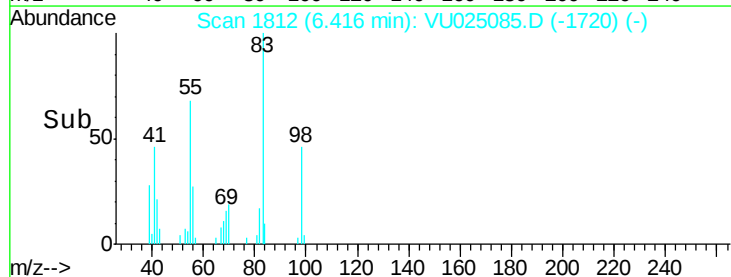
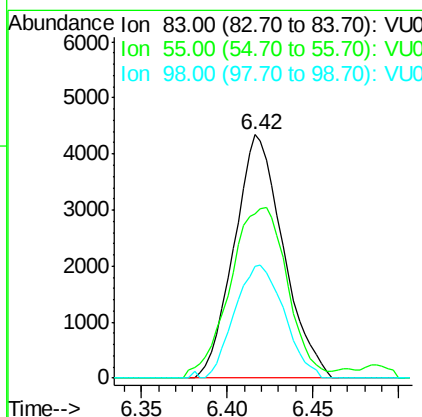
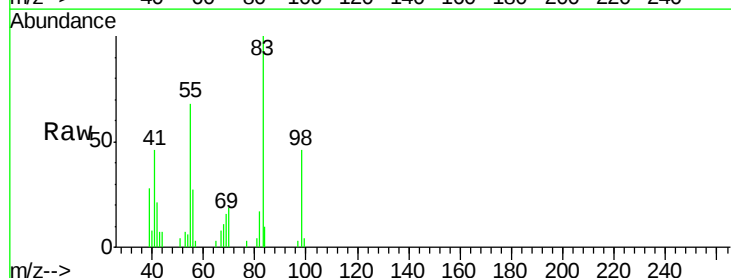
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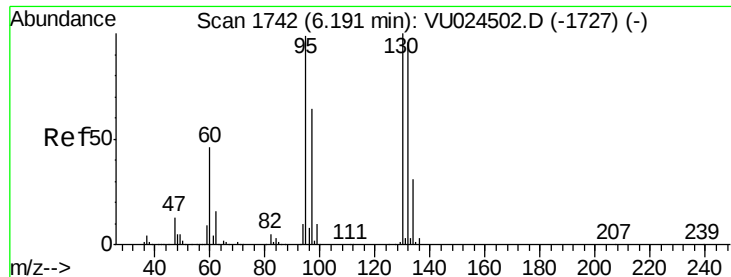
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#39
 Methylcyclohexane
 Concen: 1.865 ug/l
 RT: 6.42 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	8624		
55	64.5	65.8	98.6#	
98	45.7	36.7	55.1	





#44

Trichloroethene

Concen: 17.020 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-25-27-180621ME

Tgt Ion:130 Resp: 51145

Ion Ratio Lower Upper

130 100

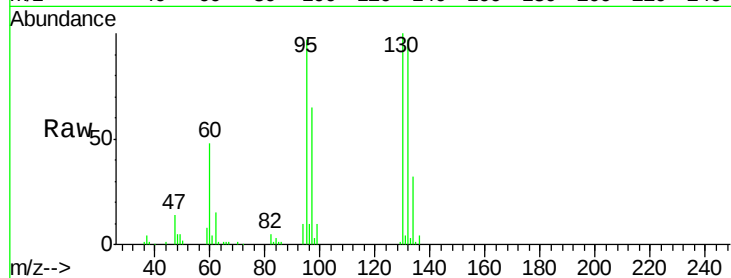
95 97.3 0.0 202.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

25000

20000

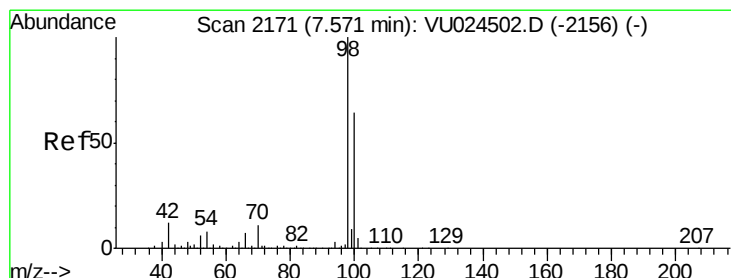
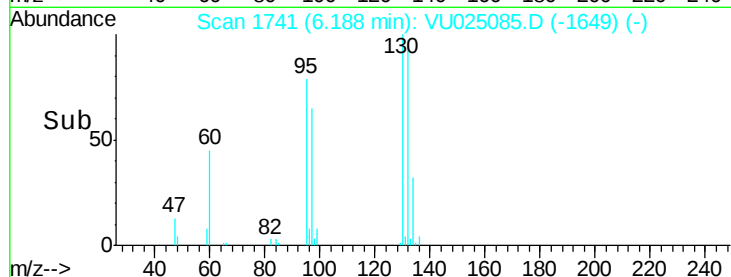
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: 47.386 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025085.D

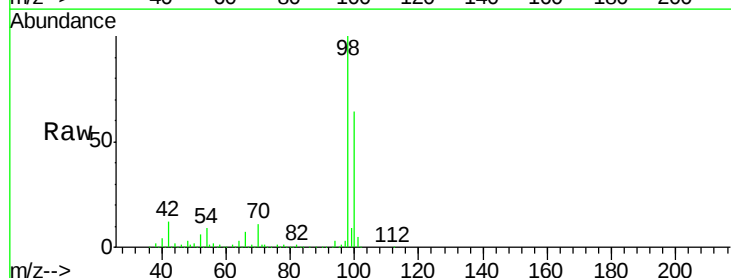
Acq: 30 Jun 2018 13:57

Tgt Ion: 98 Resp: 452340

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

300000

250000

200000

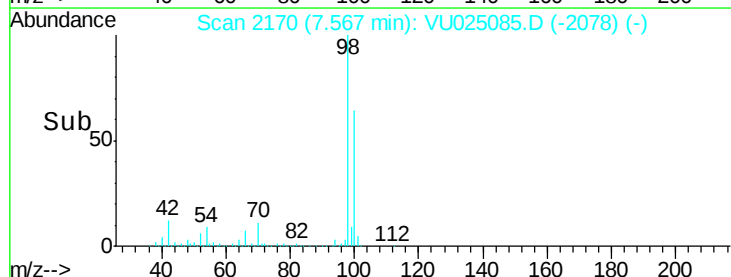
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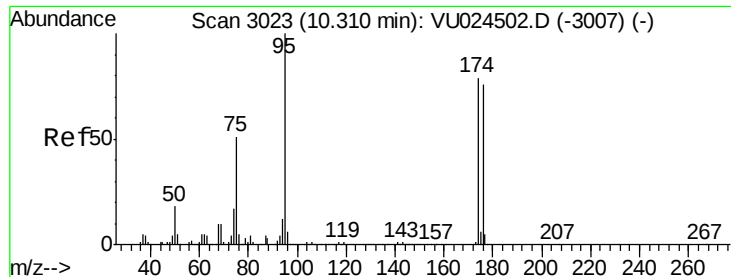
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50000

0

Time-->





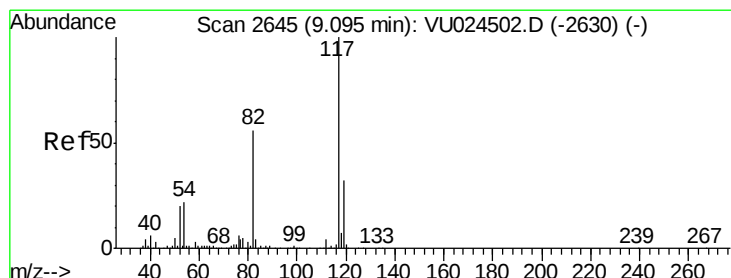
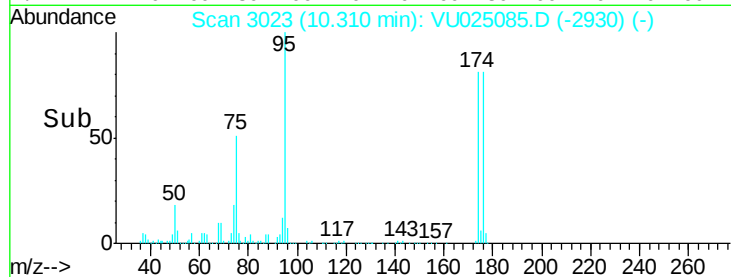
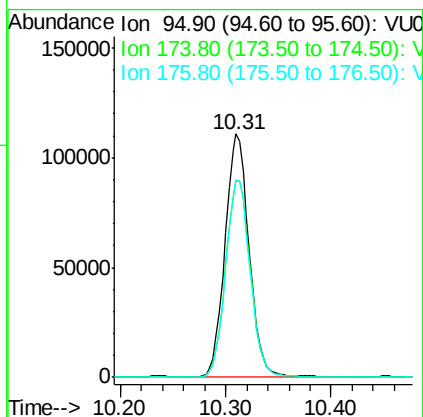
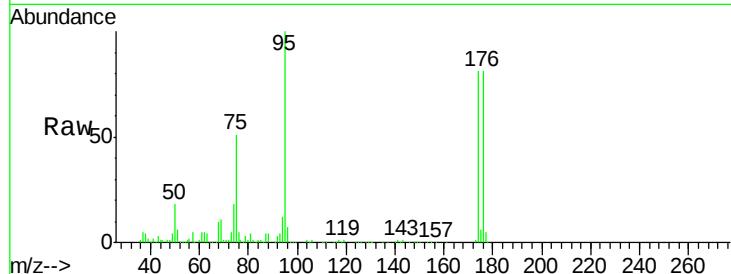
#62
4-Bromofluorobenzene
Concen: 46.143 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	174886		
174	83.9	0.0	165.8	
176	82.5	0.0	159.4	

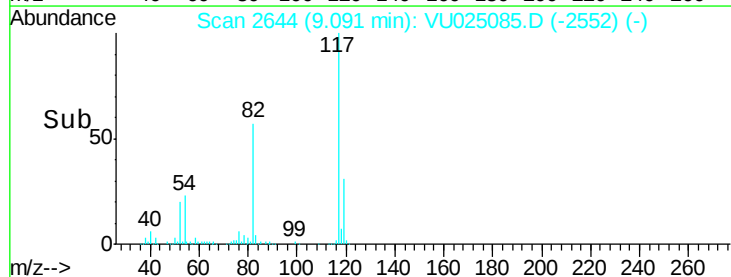
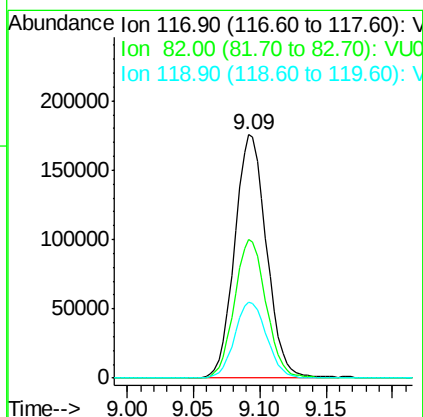
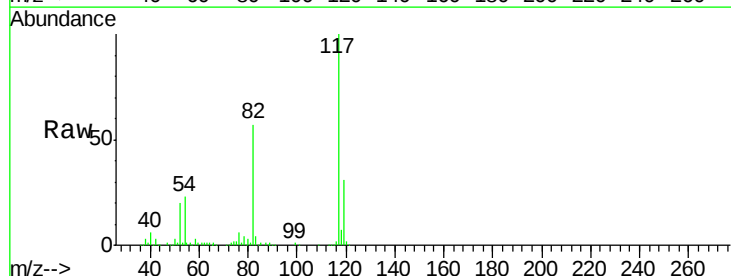
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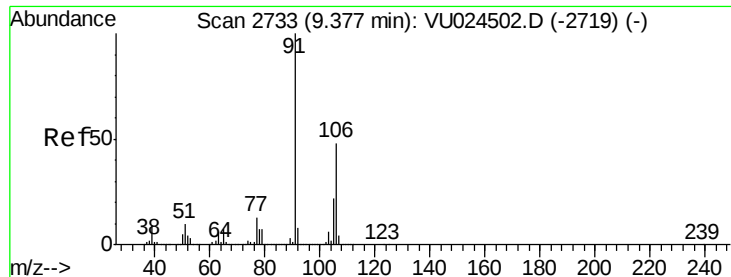
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	293188		
82	57.1	44.3	66.5	
119	31.4	25.4	38.2	





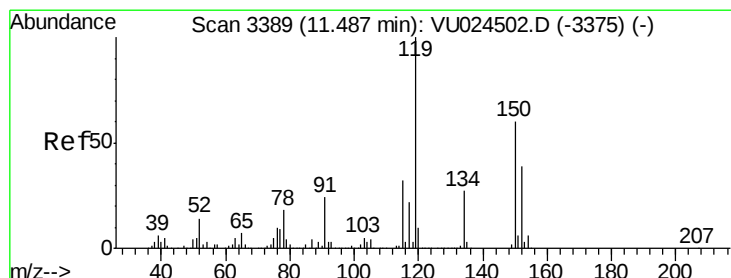
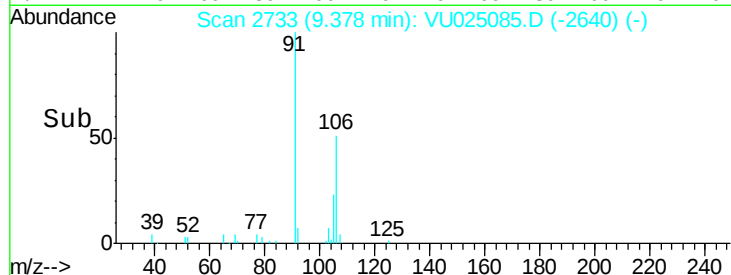
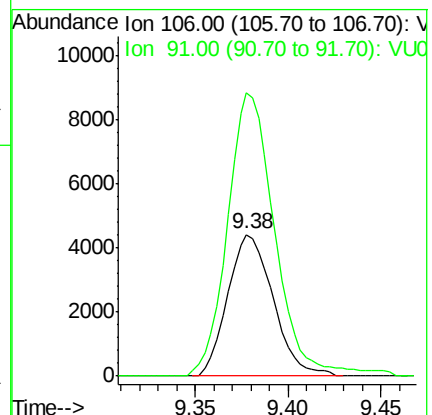
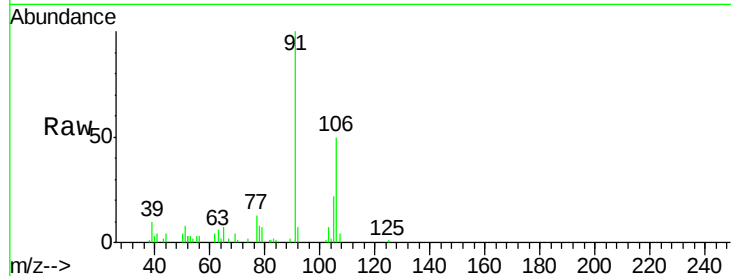
#68
m/p-Xylenes
Concen: 1.490 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion:106 Resp: 7513
Ion Ratio Lower Upper
106 100
91 207.7 166.5 249.7

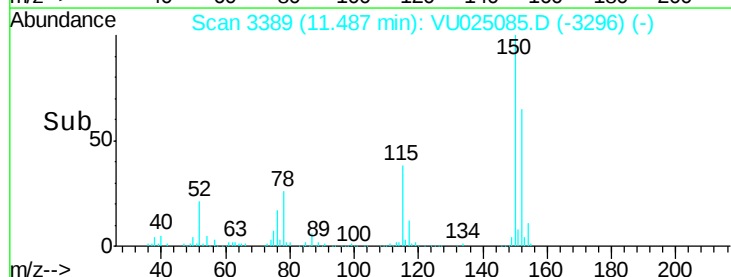
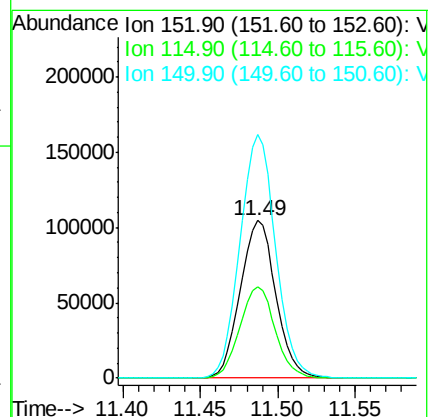
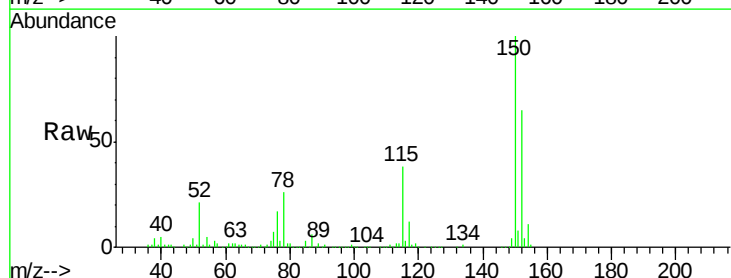
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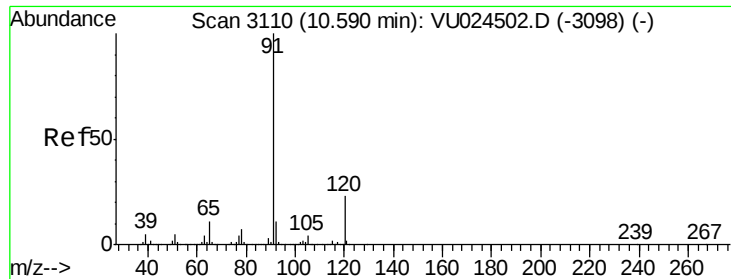
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion:152 Resp: 167029
Ion Ratio Lower Upper
152 100
115 57.7 43.0 129.0
150 155.4 0.0 354.0





#78

n-propylbenzene

Concen: 0.396 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-25-27-180621ME

Tgt Ion: 91 Resp: 5978

Ion Ratio Lower Upper

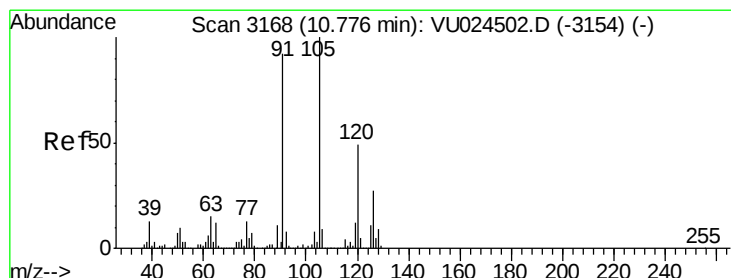
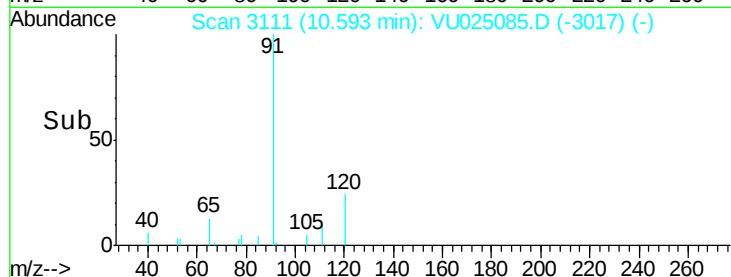
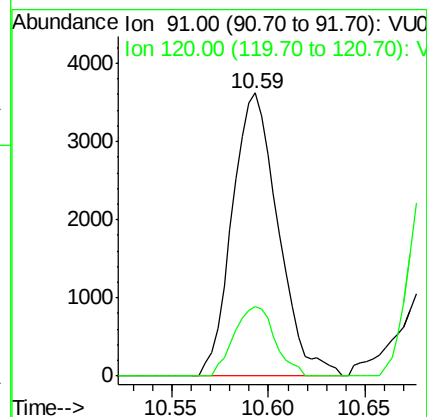
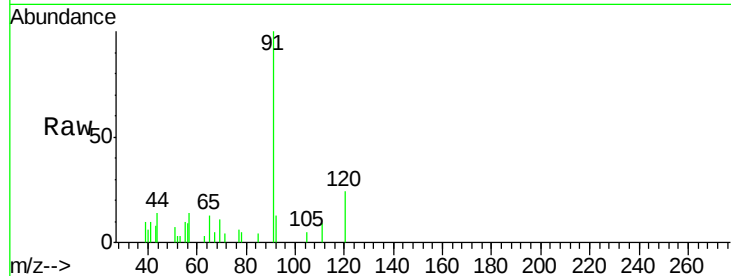
91 100

120 21.8 11.2 33.5

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#80

1,3,5-Trimethylbenzene

Concen: 1.253 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025085.D

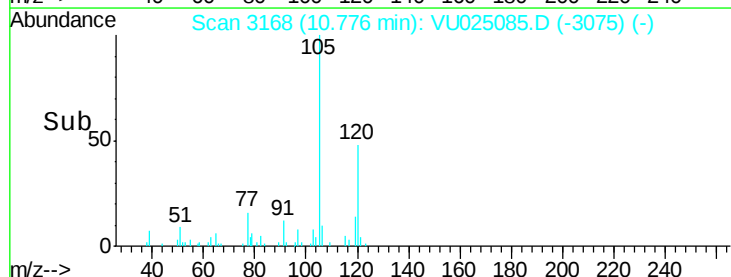
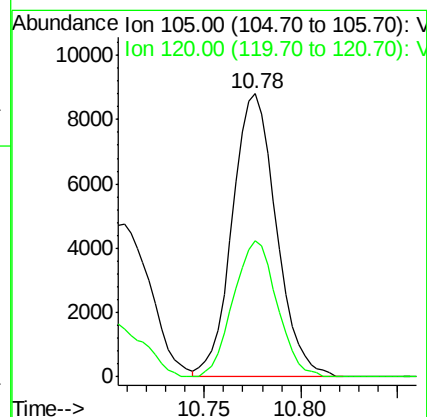
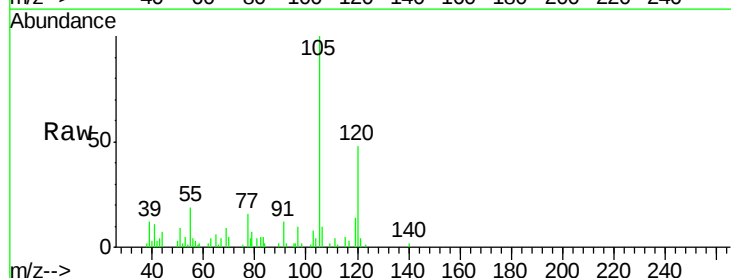
Acq: 30 Jun 2018 13:57

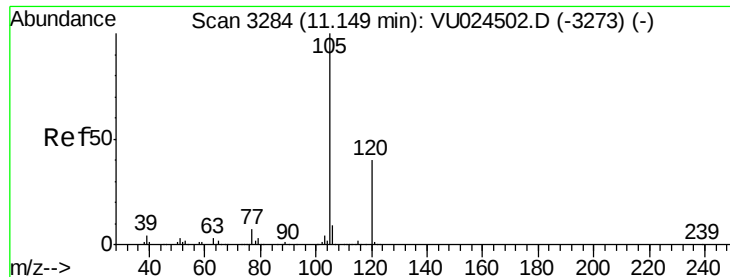
Tgt Ion: 105 Resp: 13922

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.2





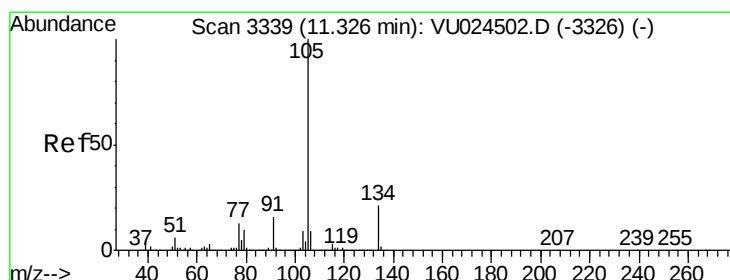
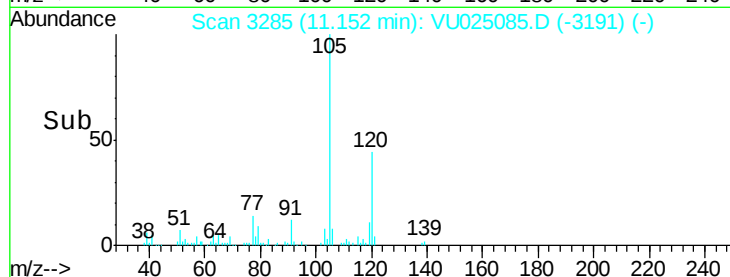
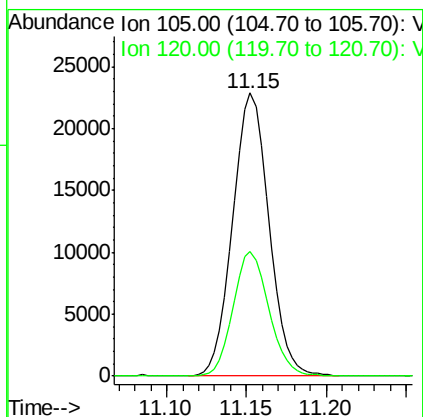
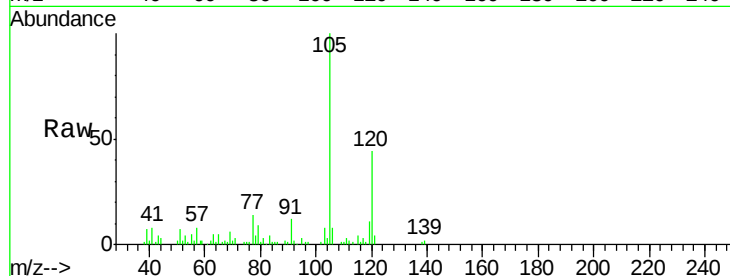
#84
1,2,4-Trimethylbenzene
Concen: 3.113 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion:105 Resp: 35258
Ion Ratio Lower Upper
105 100
120 43.3 22.6 67.8

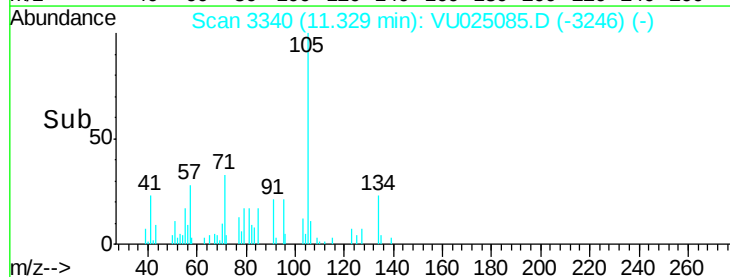
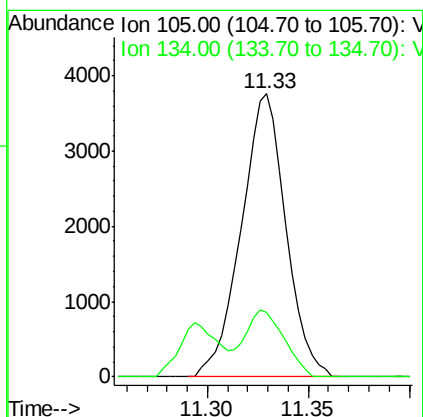
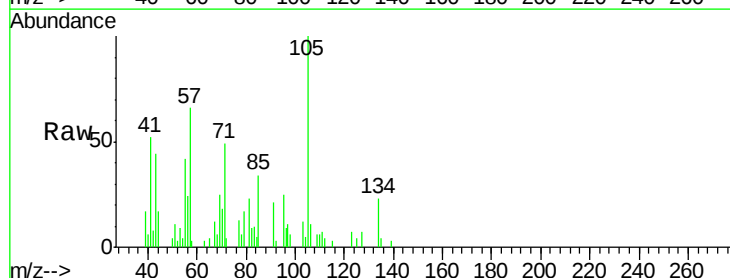
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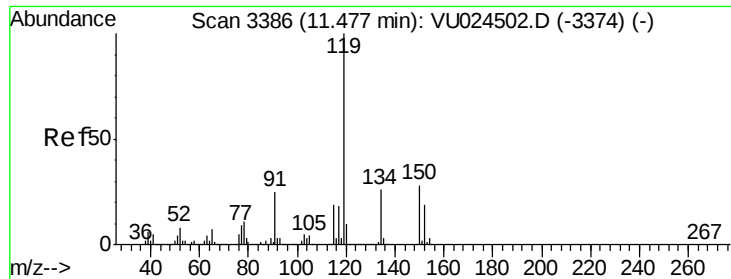
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#85
sec-Butylbenzene
Concen: 0.435 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion:105 Resp: 5821
Ion Ratio Lower Upper
105 100
134 21.2 9.7 29.1





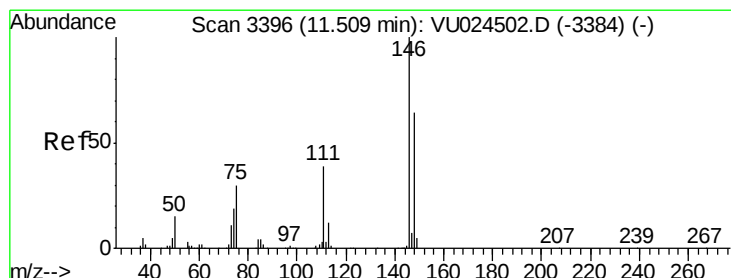
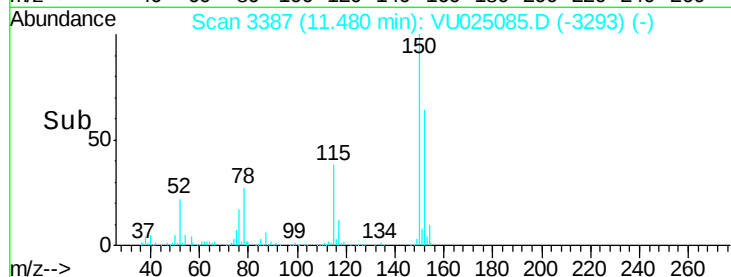
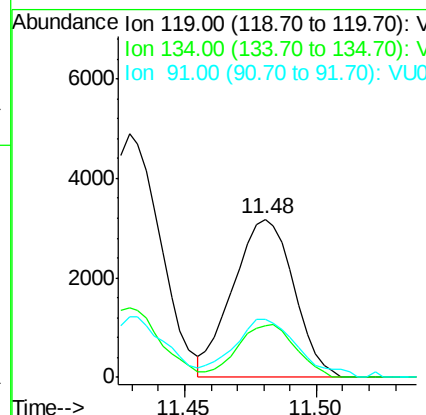
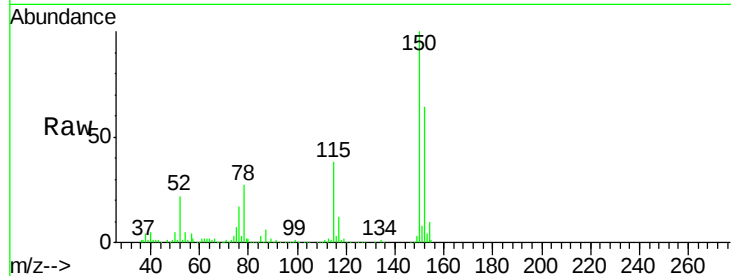
#86
p-Isopropyltoluene
Concen: 0.427 ug/l m
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Lower	Upper
119	100		
134	40.6	12.9	38.6#
91	38.4	12.0	36.1#

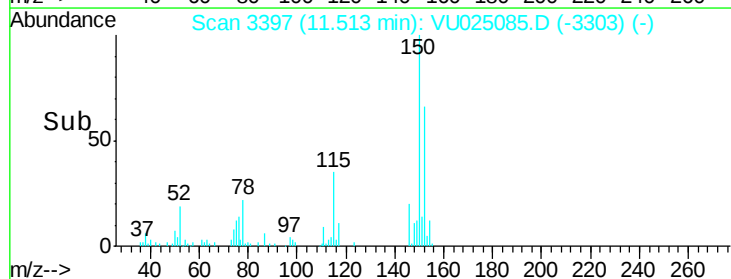
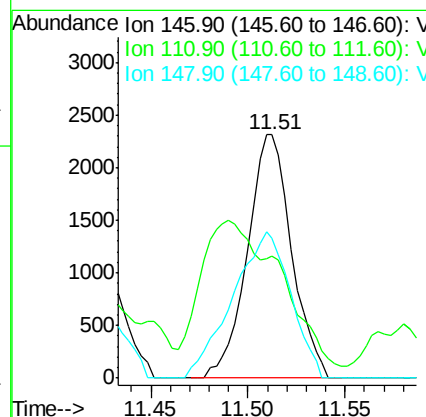
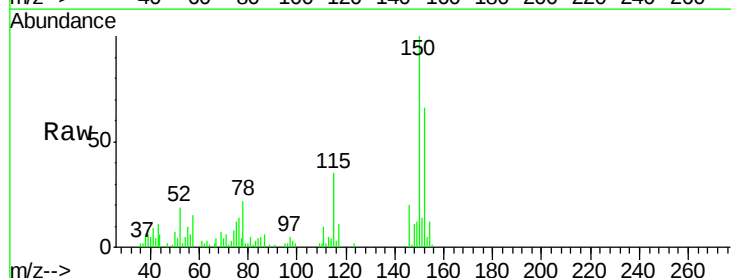
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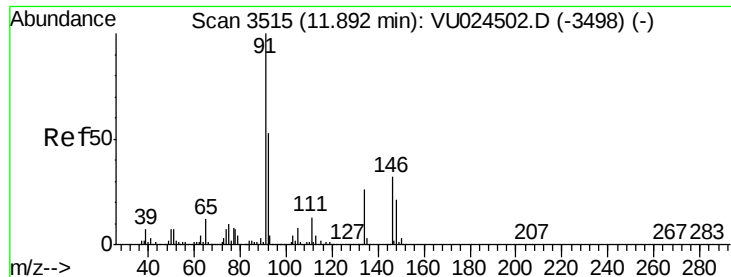
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#88
1,4-Dichlorobenzene
Concen: 0.607 ug/l m
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	17.6	19.5	58.5#
148	36.6	32.4	97.0





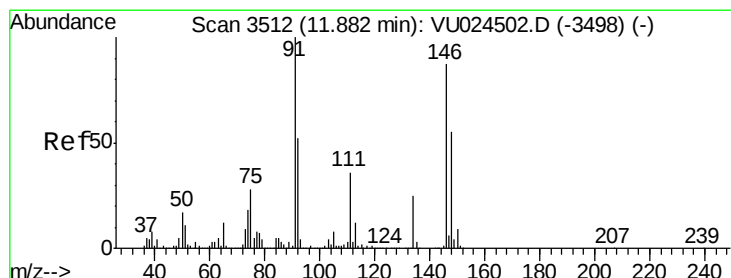
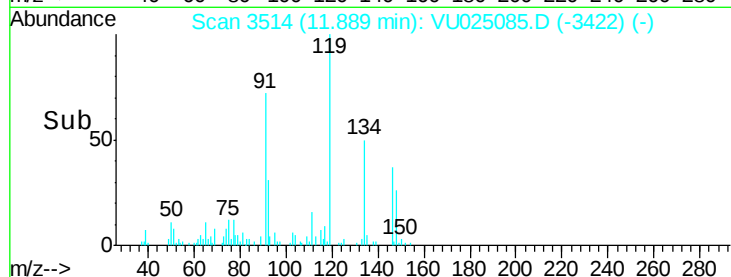
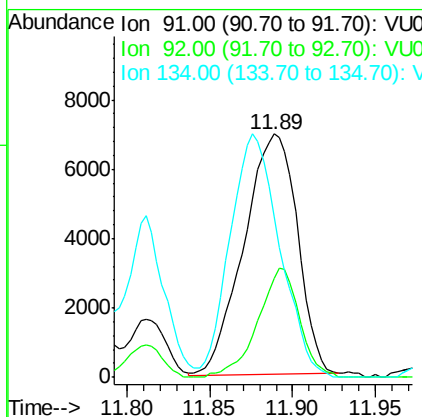
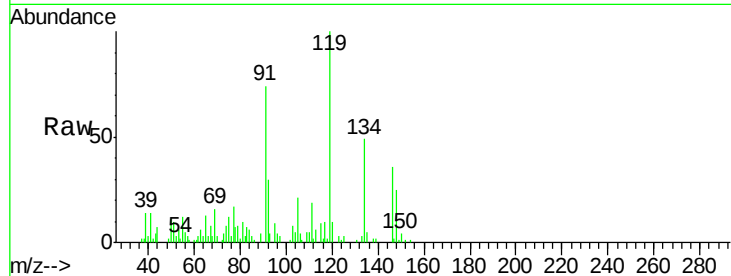
#89
n-Butylbenzene
Concen: 1.458 ug/l
RT: 11.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Lower	Upper
91	100		
92	35.5	25.6	76.8
134	93.8	12.3	36.8#

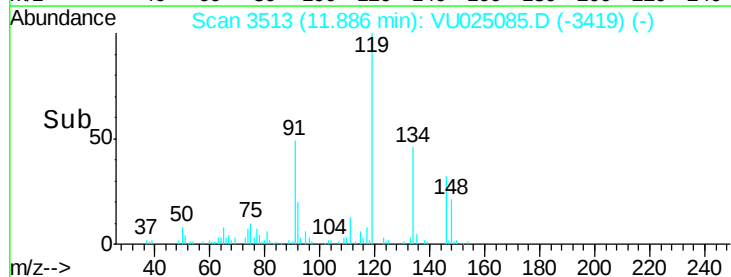
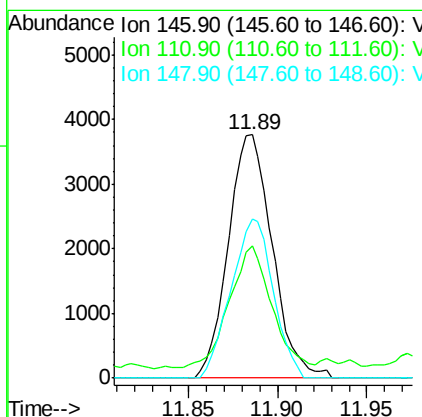
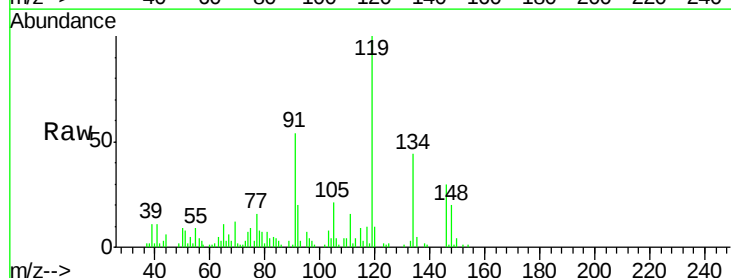
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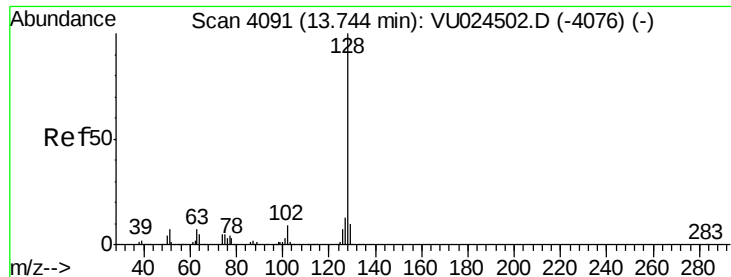
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#91
1,2-Dichlorobenzene
Concen: 1.075 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	20.5	61.6
148	62.4	31.9	95.7





#95
Naphthalene
Concen: 2.144 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	10.5	8.6	12.8

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