

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024540.D
 Acq On : 14 Jun 2018 15:21
 Operator : MD/SY
 Sample : J3443-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-2-9.0-061118

Manual Integrations
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 6/15/2018 3:19:15 PM

Quant Time: Jun 15 03:47:49 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	189431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316030	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	303783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	183565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	140915	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
35) Dibromofluoromethane	4.89	113	128793	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	7.57	98	472019	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.31	95	179750	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
Target Compounds						
16) Acetone	2.32	43	14871	8.950	ug/l	95
31) Cyclohexane	5.00	56	40249	8.277	ug/l	96
39) Methylcyclohexane	6.42	83	109230	23.570	ug/l	98
40) Benzene	5.40	78	3105	0.293	ug/l	96
52) Toluene	7.64	92	4542	0.667	ug/l	96
67) Ethyl Benzene	9.26	91	26781	1.968	ug/l	96
73) Isopropylbenzene	10.17	105	506901	35.967	ug/l	99
78) n-propylbenzene	10.59	91	2136814	128.709	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	26805m	2.194	ug/l	
83) tert-Butylbenzene	11.10	119	25426	2.164	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	54047	4.342	ug/l	100
85) sec-Butylbenzene	11.33	105	177191	12.047	ug/l	98

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

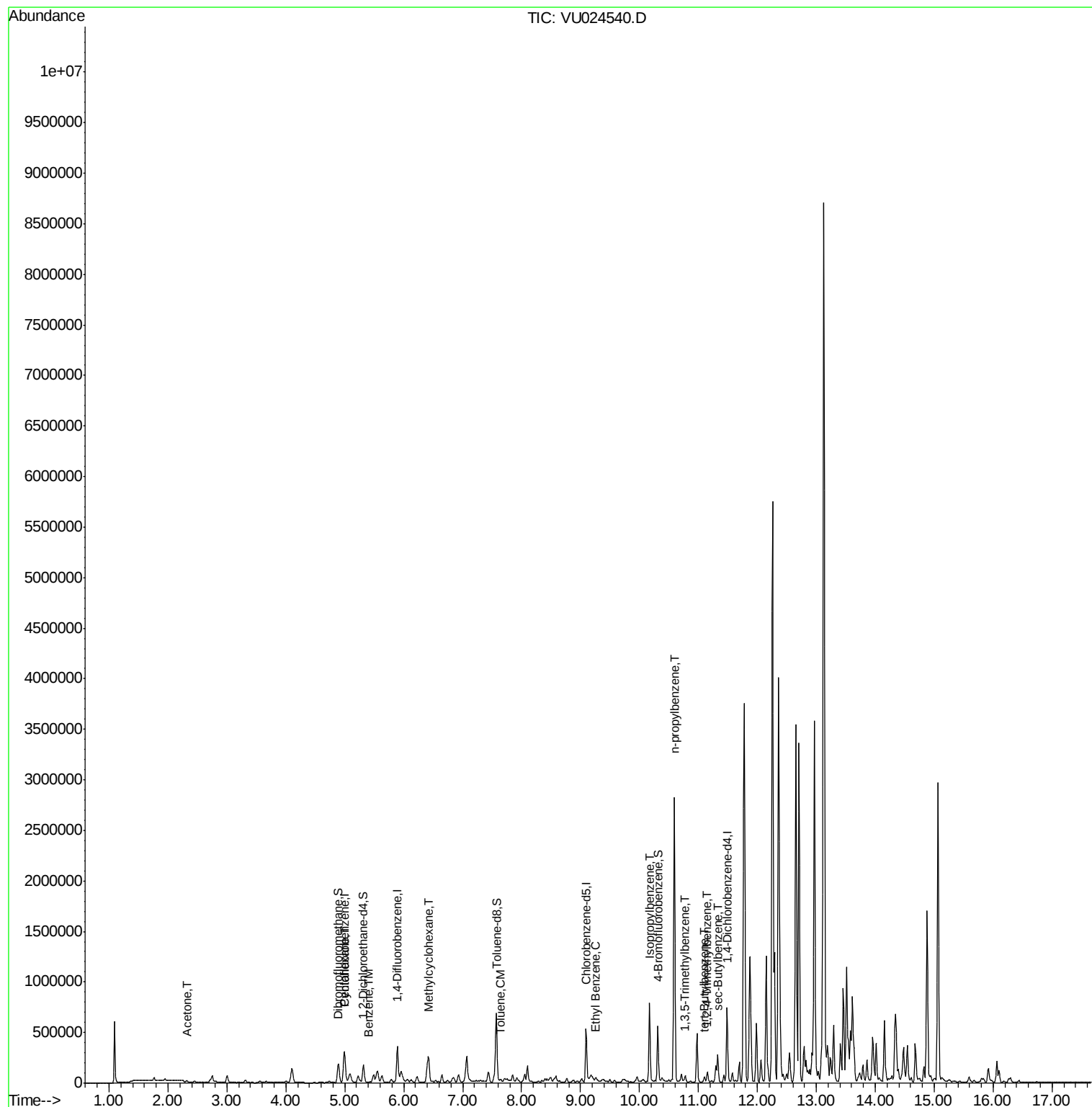
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024540.D
Acq On : 14 Jun 2018 15:21
Operator : MD/SY
Sample : J3443-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-2-9.0-061118

Manual Integrations
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Quant Time: Jun 15 03:47:49 2018
Quant Method : Z:\V0ASRV\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# 1368

Delta R.T. 0.00 min

Lab File: VU024540.D

Acq: 14 Jun 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-2-9.0-061118

Tot Ion:168 Resp: 189431

Ion Ratio Lower Upper

168 100

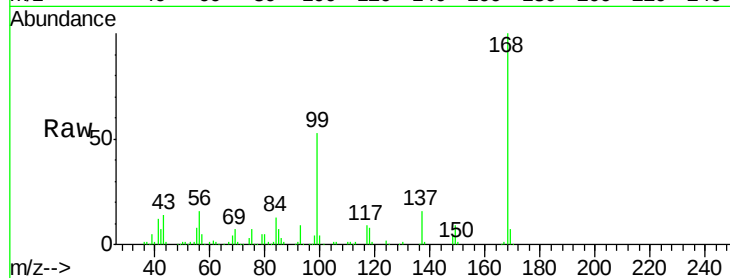
99 52.7 43.2 64.8

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

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

4.99

80000

60000

40000

20000

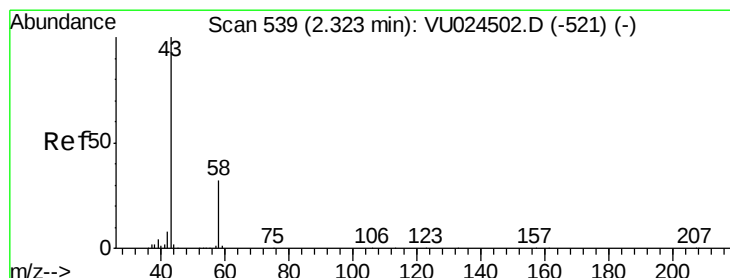
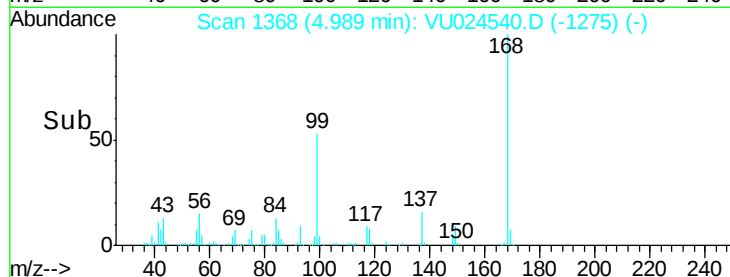
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Time-->

4.90

5.00

5.10



#16

Acetone

Concen: 8.950 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024540.D

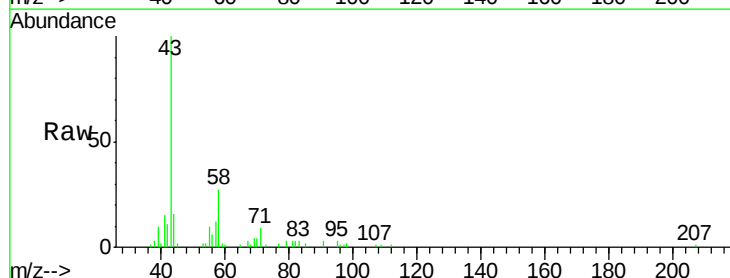
Acq: 14 Jun 2018 15:21

Tgt Ion: 43 Resp: 14871

Ion Ratio Lower Upper

43 100

58 27.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

2.32

10000

8000

6000

4000

2000

0

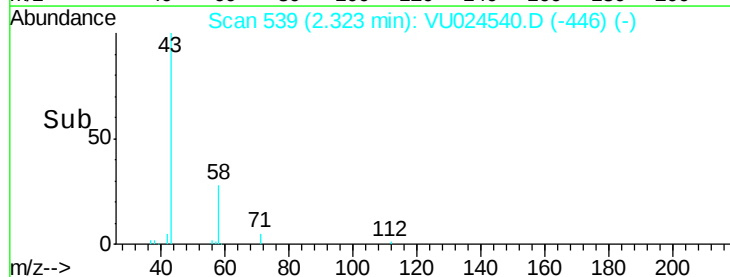
Time-->

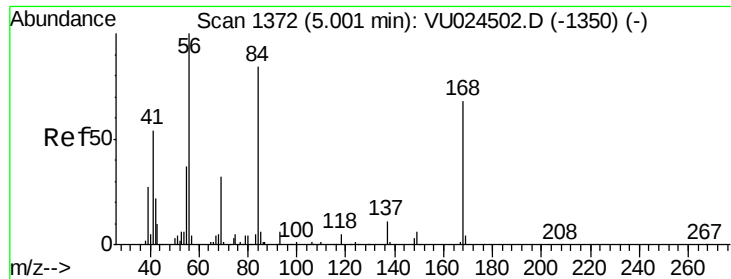
2.25

2.30

2.35

2.40





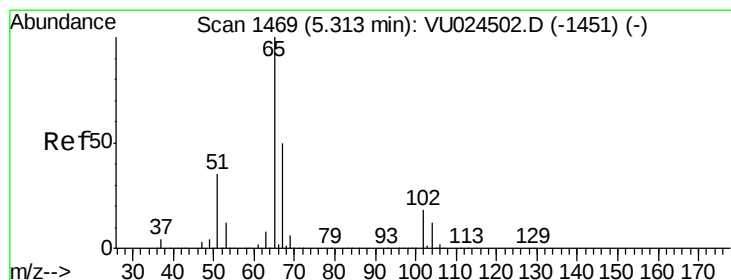
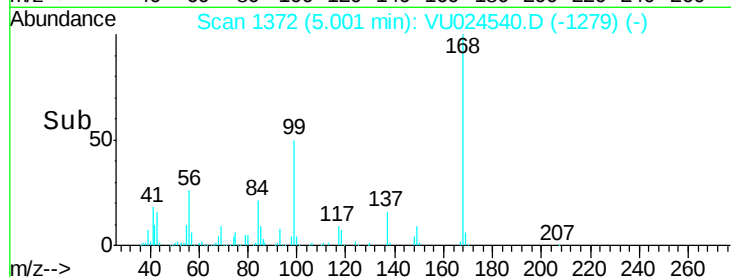
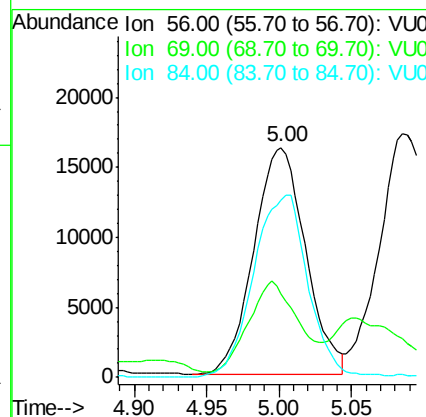
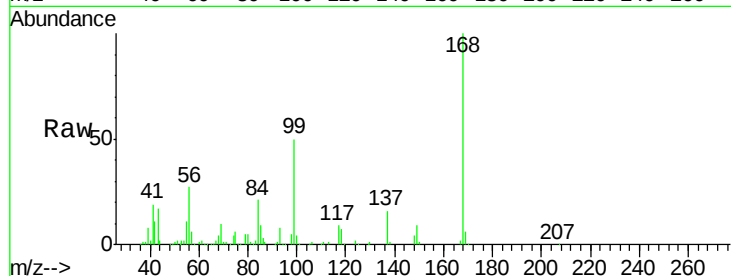
#31
Cyclohexane
Concen: 8.277 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024540.D
Acq: 14 Jun 2018 15:21

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-2-9.0-061118

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.8	37.2
84	78.0	65.2	97.8

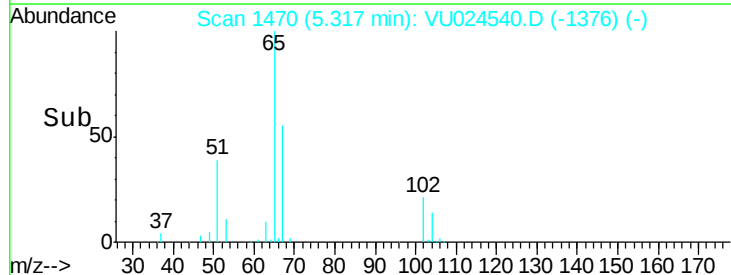
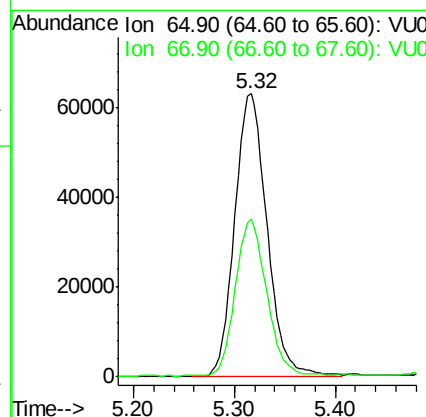
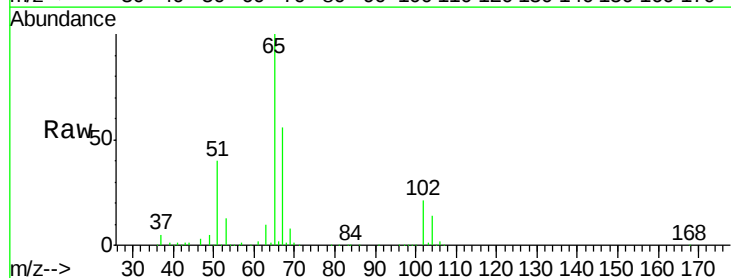
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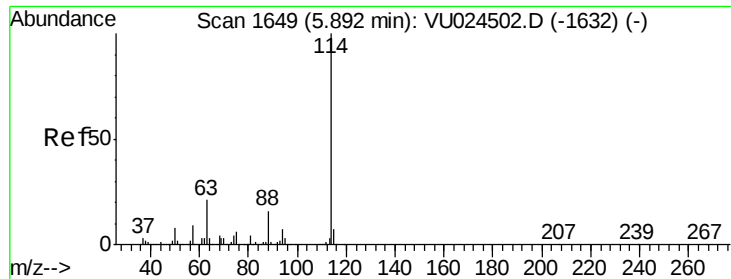
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#33
1,2-Dichloroethane-d4
Concen: 45.567 ug/l
RT: 5.32 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VU024540.D
Acq: 14 Jun 2018 15:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0





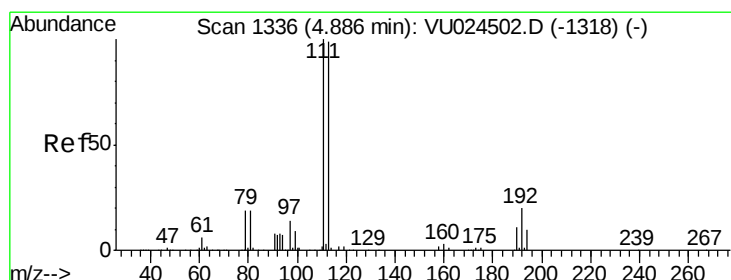
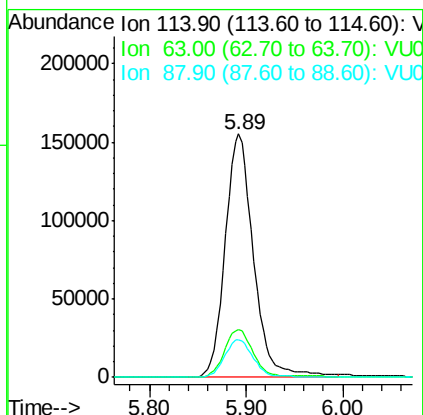
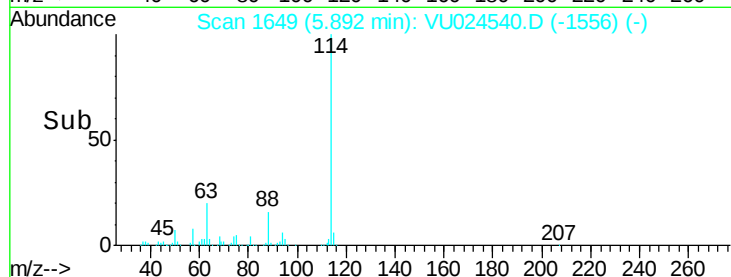
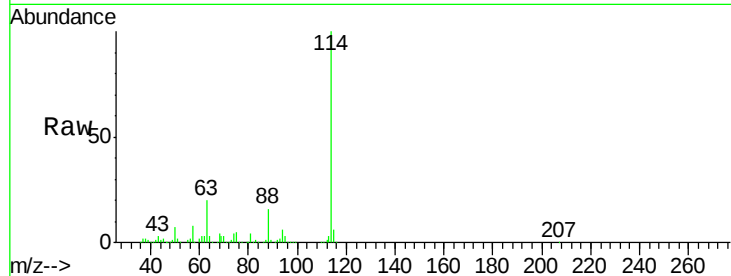
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024540.D
 Acq: 14 Jun 2018 15:21

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-2-9.0-061118

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.6	0.0	45.4
88	15.6	0.0	31.0

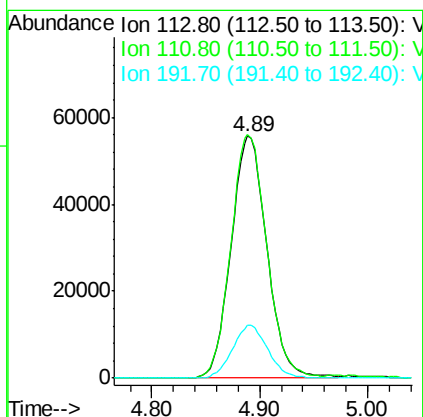
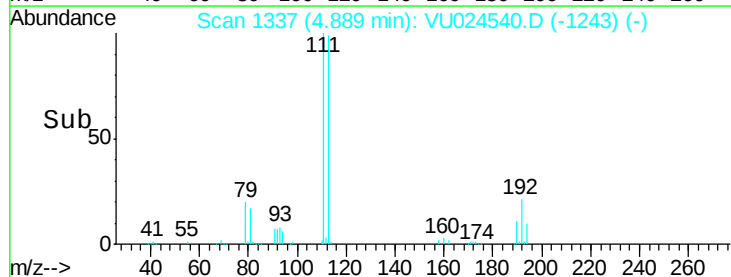
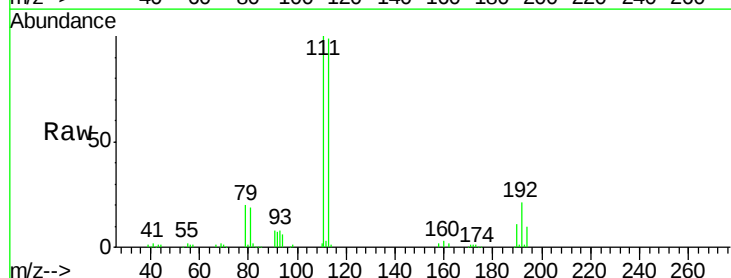
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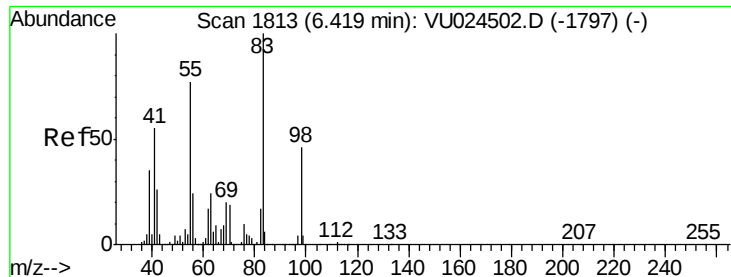
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#35
 Dibromofluoromethane
 Concen: 49.105 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024540.D
 Acq: 14 Jun 2018 15:21

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.8	82.2	123.4
192	21.5	16.2	24.4





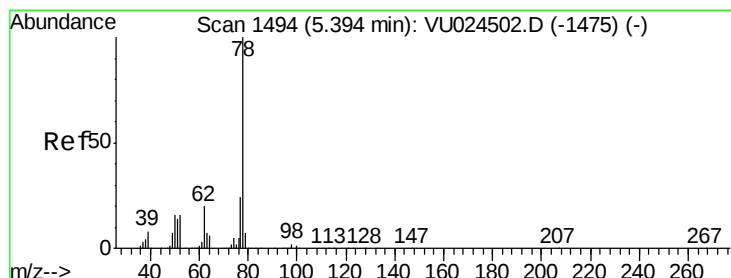
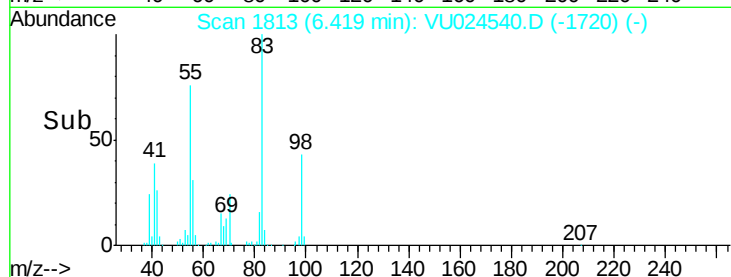
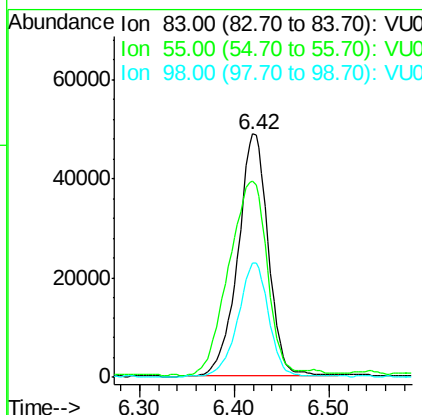
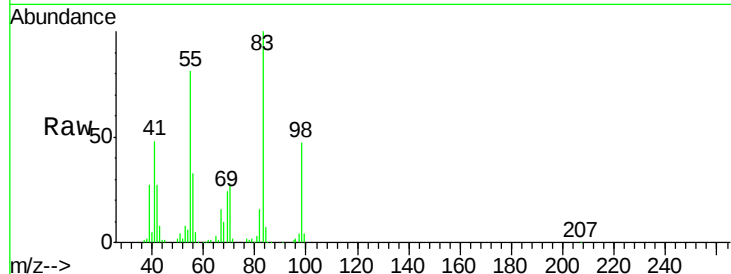
#39
Methvlcvclohexane
Concen: 23.570 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024540.D
Acq: 14 Jun 2018 15:21

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-2-9.0-061118

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	65.8	98.6
98	46.8	36.7	55.1

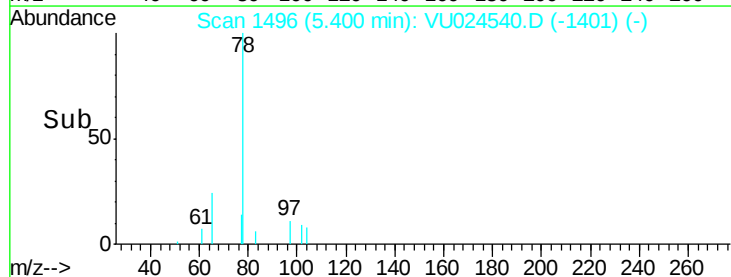
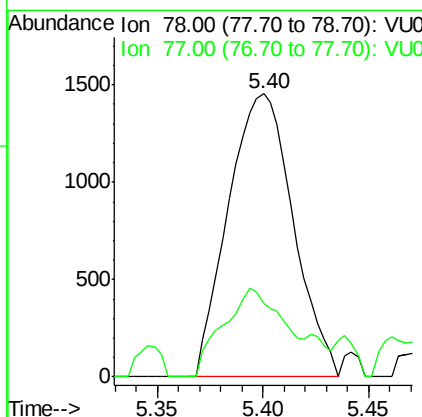
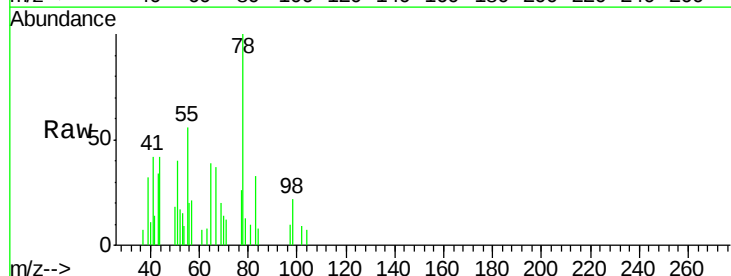
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#40
Benzene
Concen: 0.293 ug/l
RT: 5.40 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VU024540.D
Acq: 14 Jun 2018 15:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.2	28.8





#50

Toluene-d8

Concen: 49.339 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024540.D

Acq: 14 Jun 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-2-9.0-061118

Tot Ion: 98 Resp: 472019

Ion Ratio Lower Upper

98 100

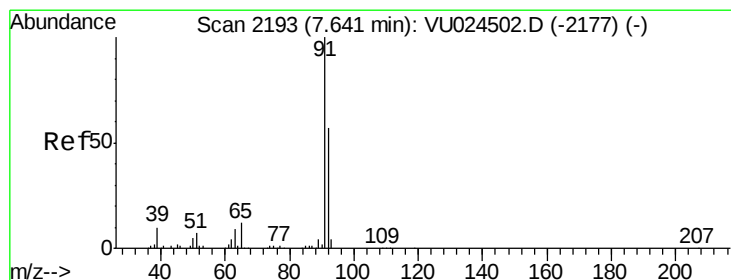
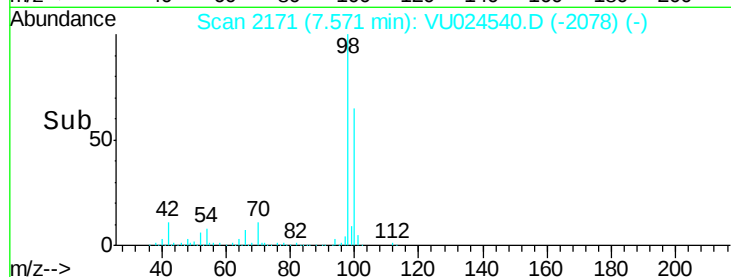
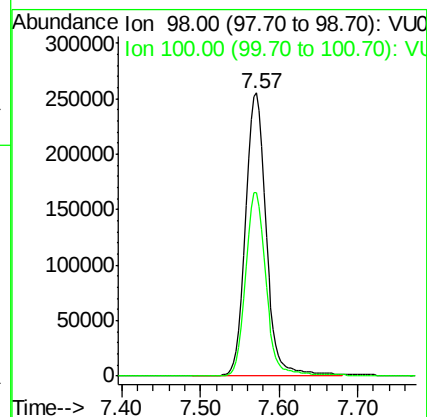
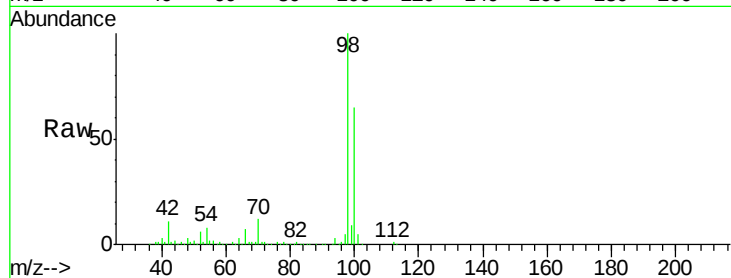
100 64.4 51.1 76.7

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#52

Toluene

Concen: 0.667 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU024540.D

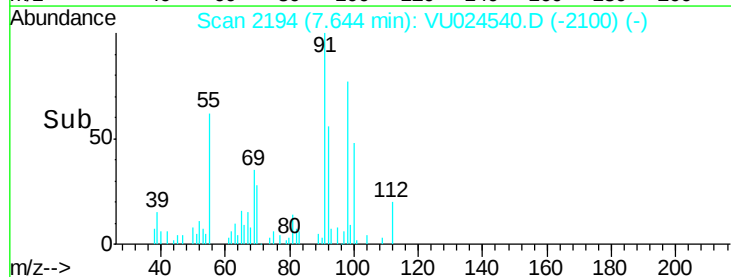
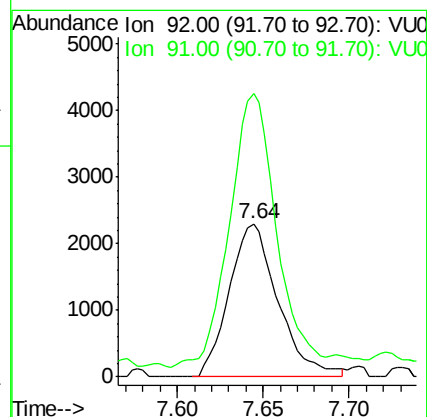
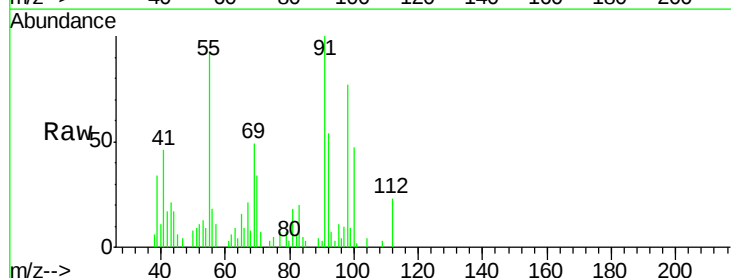
Acq: 14 Jun 2018 15:21

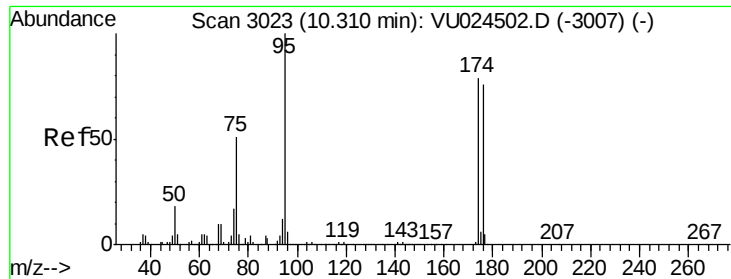
Tgt Ion: 92 Resp: 4542

Ion Ratio Lower Upper

92 100

91 170.6 140.5 210.7





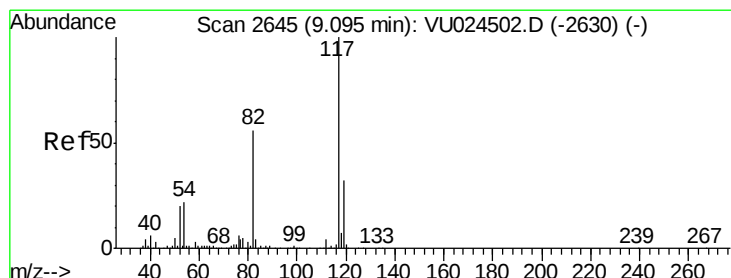
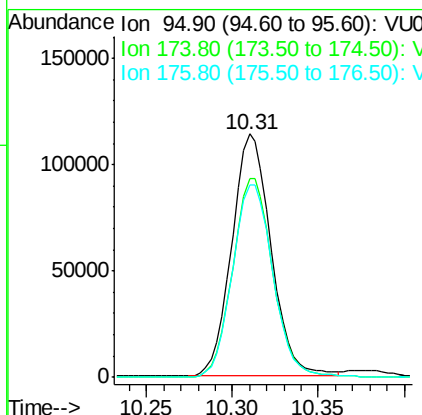
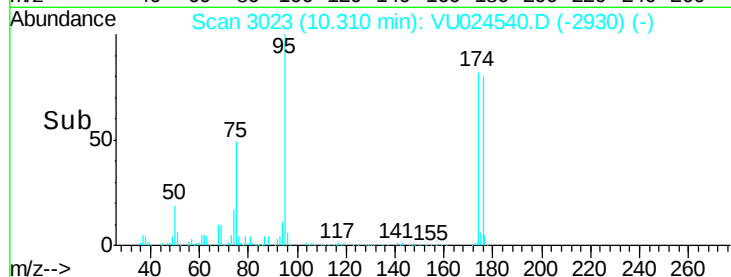
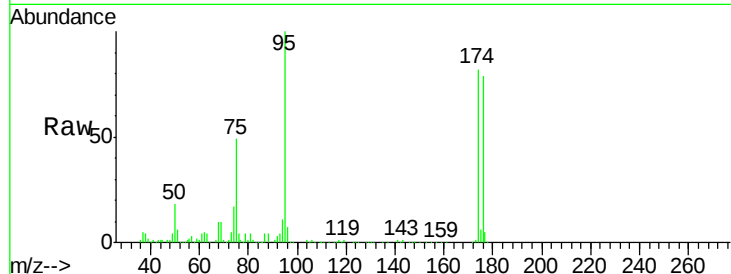
#62
4-Bromofluorobenzene
Concen: 47.322 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024540.D
Acq: 14 Jun 2018 15:21

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-2-9.0-061118

Tot Ion	Ratio	Resp	Lower	Upper
95	100	179750		
174	84.5	0.0	165.8	
176	82.9	0.0	159.4	

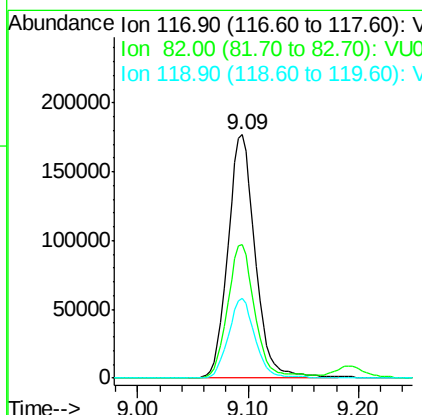
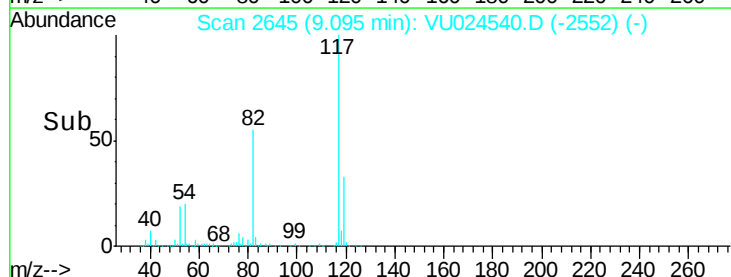
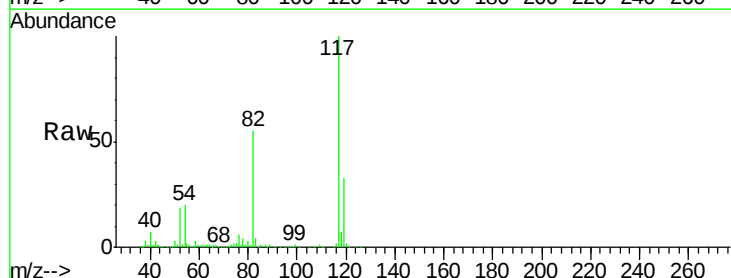
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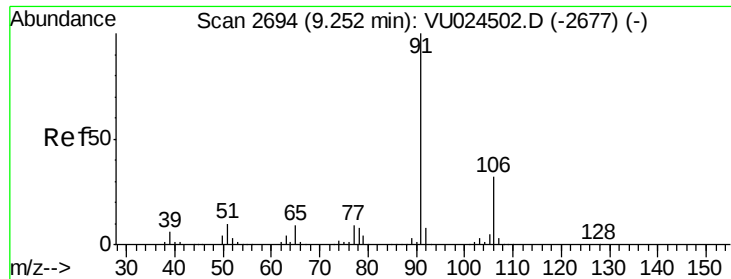
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024540.D
Acq: 14 Jun 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	303783		
82	54.7	44.3	66.5	
119	32.6	25.4	38.2	





#67

Ethyl Benzene

Concen: 1.968 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU024540.D

Acq: 14 Jun 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-2-9.0-061118

Tot Ion: 91 Resp: 26781

Ion Ratio Lower Upper

91 100

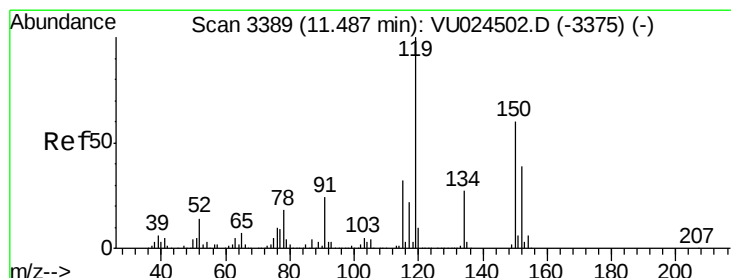
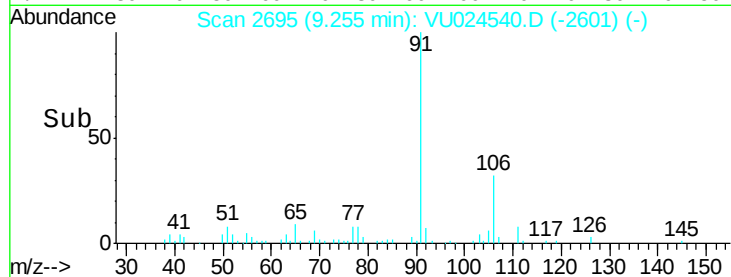
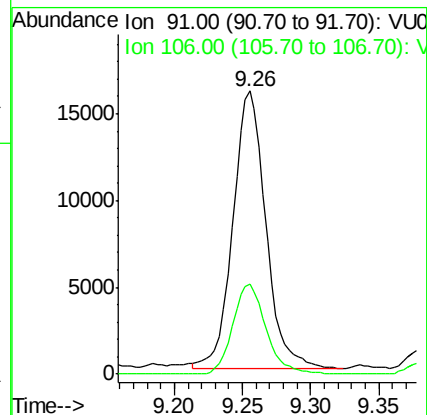
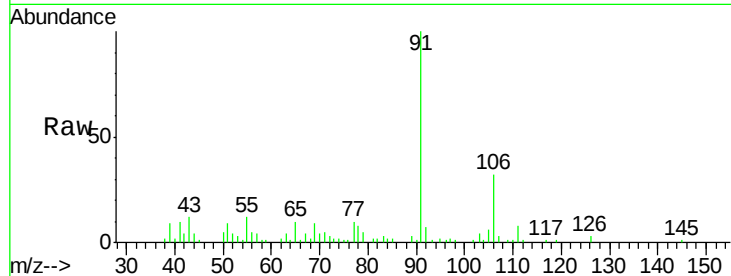
106 32.4 24.2 36.4

Manual Integrations

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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: VU024540.D

Acq: 14 Jun 2018 15:21

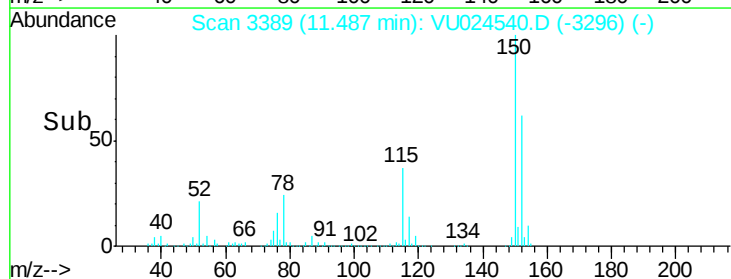
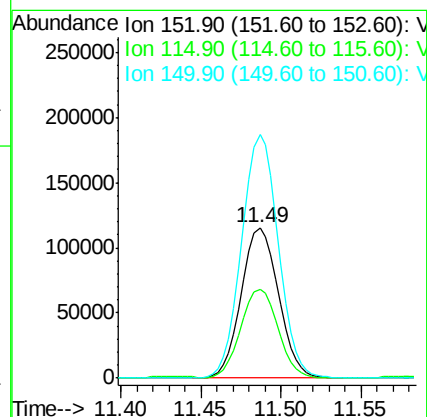
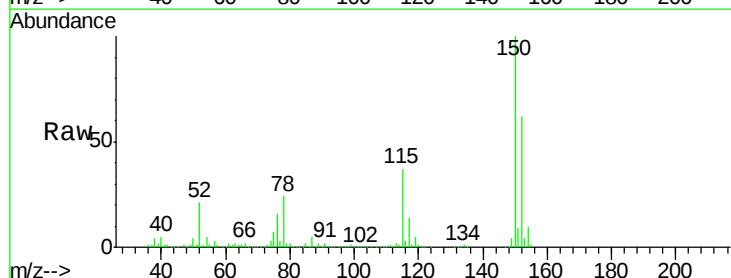
Tgt Ion: 152 Resp: 183565

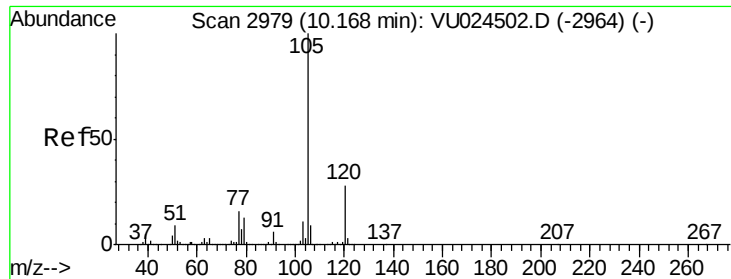
Ion Ratio Lower Upper

152 100

115 58.6 43.0 129.0

150 159.0 0.0 354.0





#73

Isopropylbenzene

Concen: 35.967 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024540.D

Acq: 14 Jun 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-2-9.0-061118

Tot Ion: 105 Resp: 506901

Ion Ratio Lower Upper

105 100

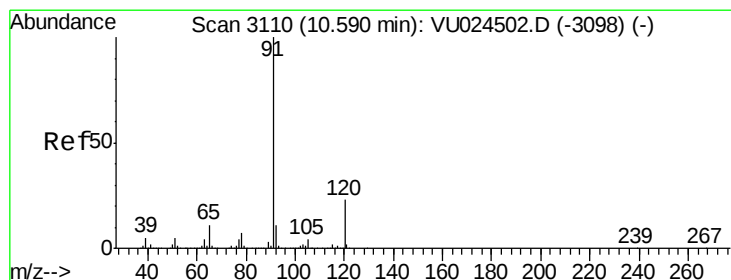
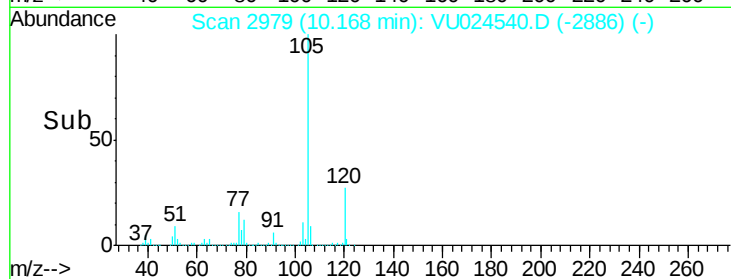
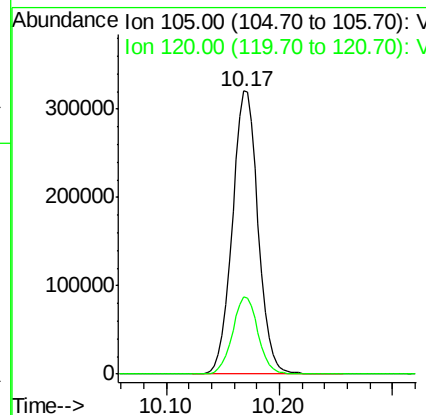
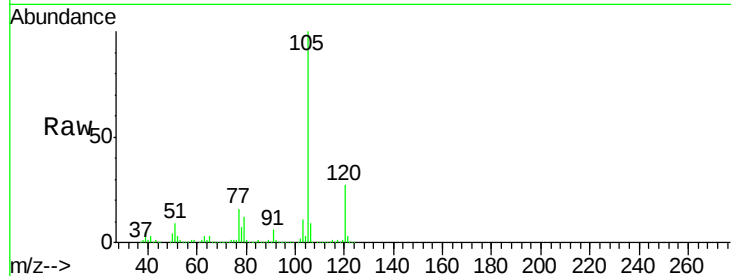
120 27.1 13.2 39.6

Manual Integrations

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#78

n-propylbenzene

Concen: 128.709 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024540.D

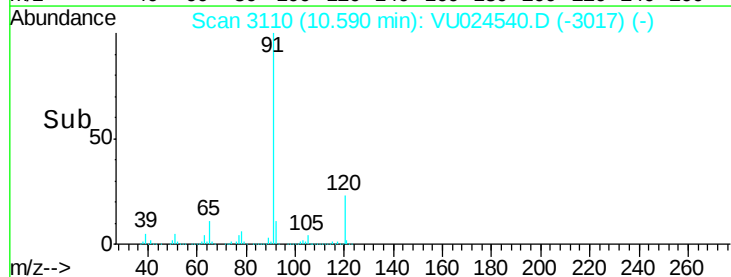
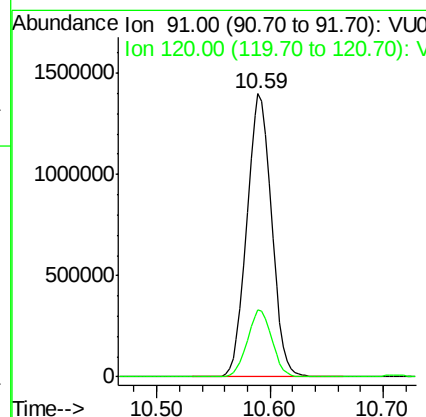
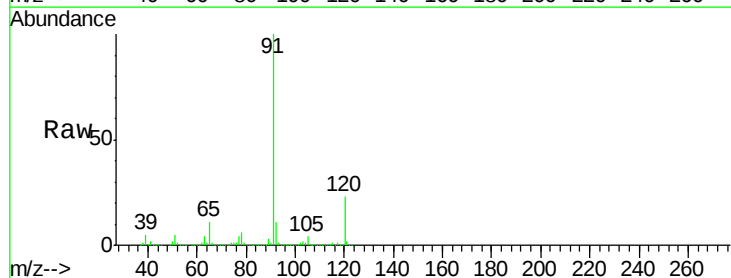
Acq: 14 Jun 2018 15:21

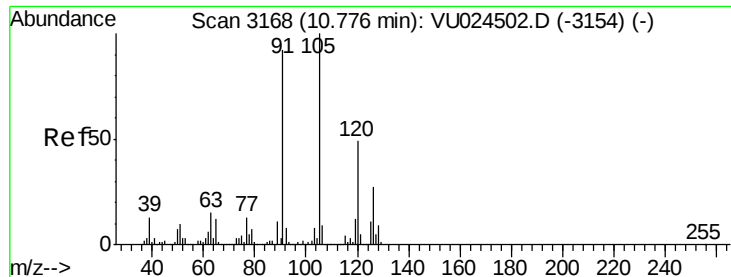
Tgt Ion: 91 Resp: 2136814

Ion Ratio Lower Upper

91 100

120 23.4 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 2.194 ug/l m

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024540.D

Acq: 14 Jun 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-2-9.0-061118

Tot Ion:105 Resp: 26805

Ion Ratio Lower Upper

105 100

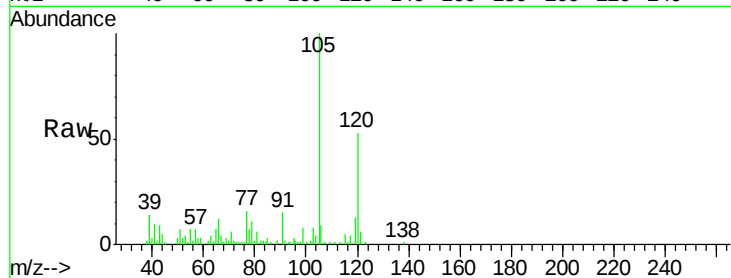
120 330.7 24.1 72.2#

Manual Integrations

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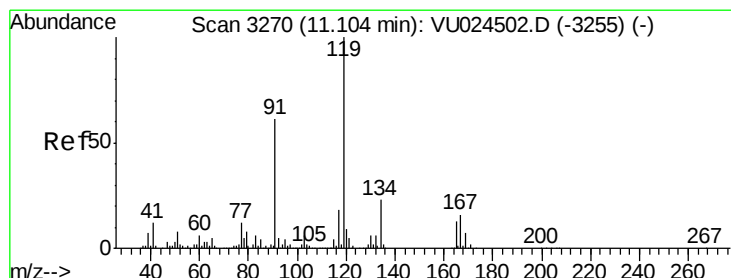
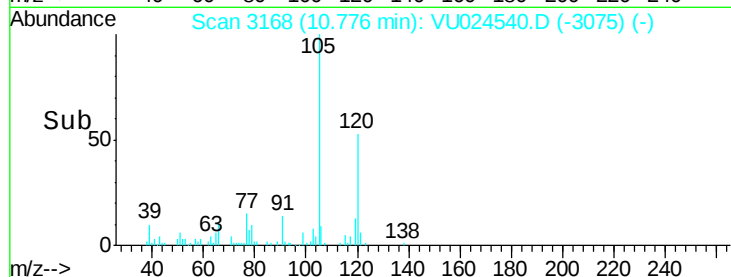
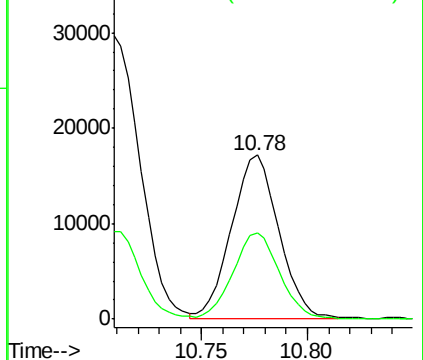
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 2.164 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024540.D

Acq: 14 Jun 2018 15:21

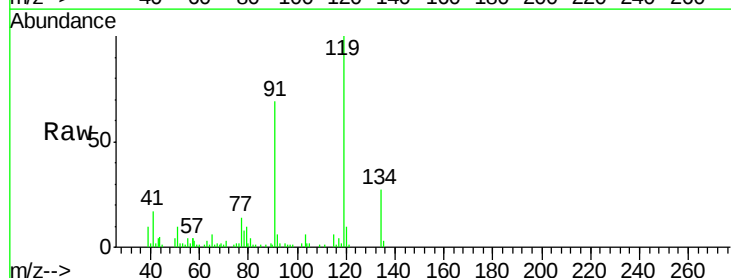
Tgt Ion:119 Resp: 25426

Ion Ratio Lower Upper

119 100

91 67.4 29.7 89.1

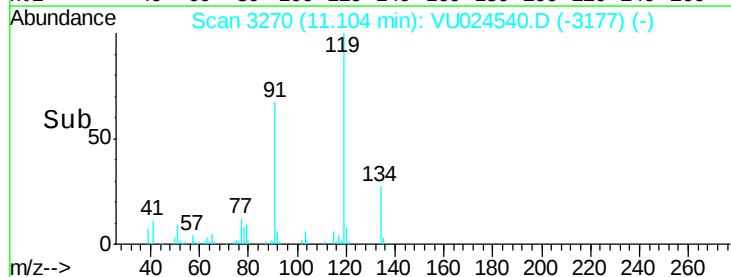
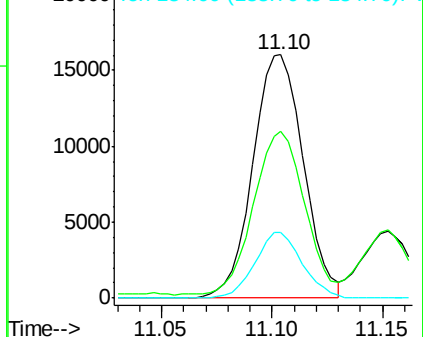
134 25.2 11.6 34.7

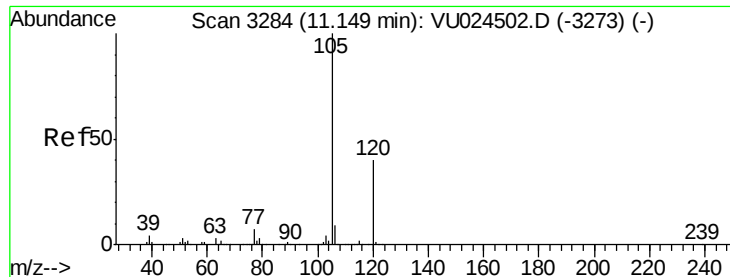


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





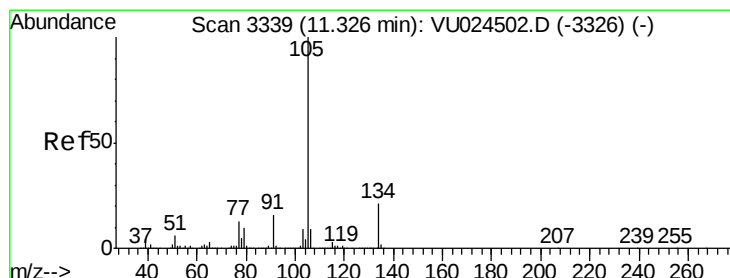
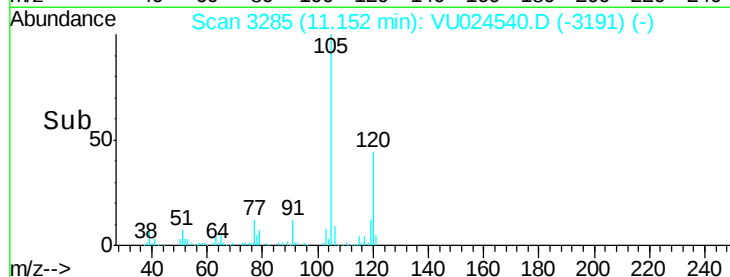
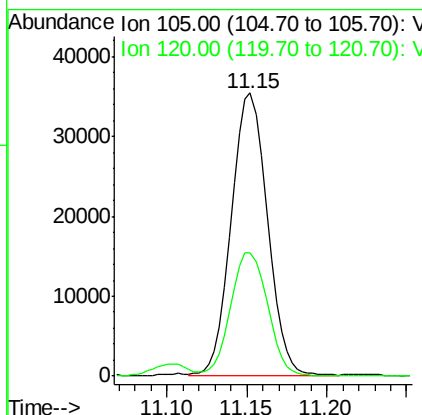
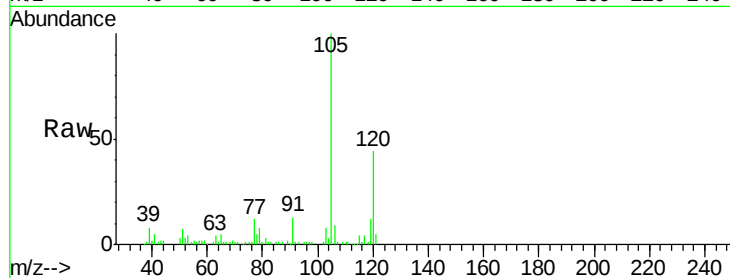
#84
 1,2,4-Trimethylbenzene
 Concen: 4.342 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024540.D
 Acq: 14 Jun 2018 15:21

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-2-9.0-061118

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8

Manual Integrations
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#85
 sec-Butylbenzene
 Concen: 12.047 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024540.D
 Acq: 14 Jun 2018 15:21

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.7	29.1

