

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024693.D
 Acq On : 18 Jun 2018 15:48
 Operator : MD/SY
 Sample : J3463-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:02 PM

Quant Time: Jun 19 05:26:45 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	191072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308146	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137157	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
35) Dibromofluoromethane	4.89	113	123425	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	7.57	98	448701	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	10.31	95	158628	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.83	59	17563	23.15	ug/l #	94
16) Acetone	2.32	43	36231	21.62	ug/l	90
19) Methyl tert-butyl Ether	3.00	73	50268	6.15	ug/l #	69
31) Cyclohexane	5.00	56	23514	3.93	ug/l #	79
39) Methylcyclohexane	6.42	83	19070	4.22	ug/l	98
68) m/p-Xylenes	9.38	106	4326	0.87	ug/l	97
69) o-Xylene	9.79	106	1834	0.37	ug/l	94
73) Isopropylbenzene	10.17	105	10532	0.92	ug/l	98
78) n-propylbenzene	10.59	91	6647	0.49	ug/l	100
83) tert-Butylbenzene	11.10	119	6893	0.72	ug/l	83
85) sec-Butylbenzene	11.33	105	10498	0.88	ug/l #	57
89) n-Butylbenzene	11.89	91	5649m	0.59	ug/l	

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

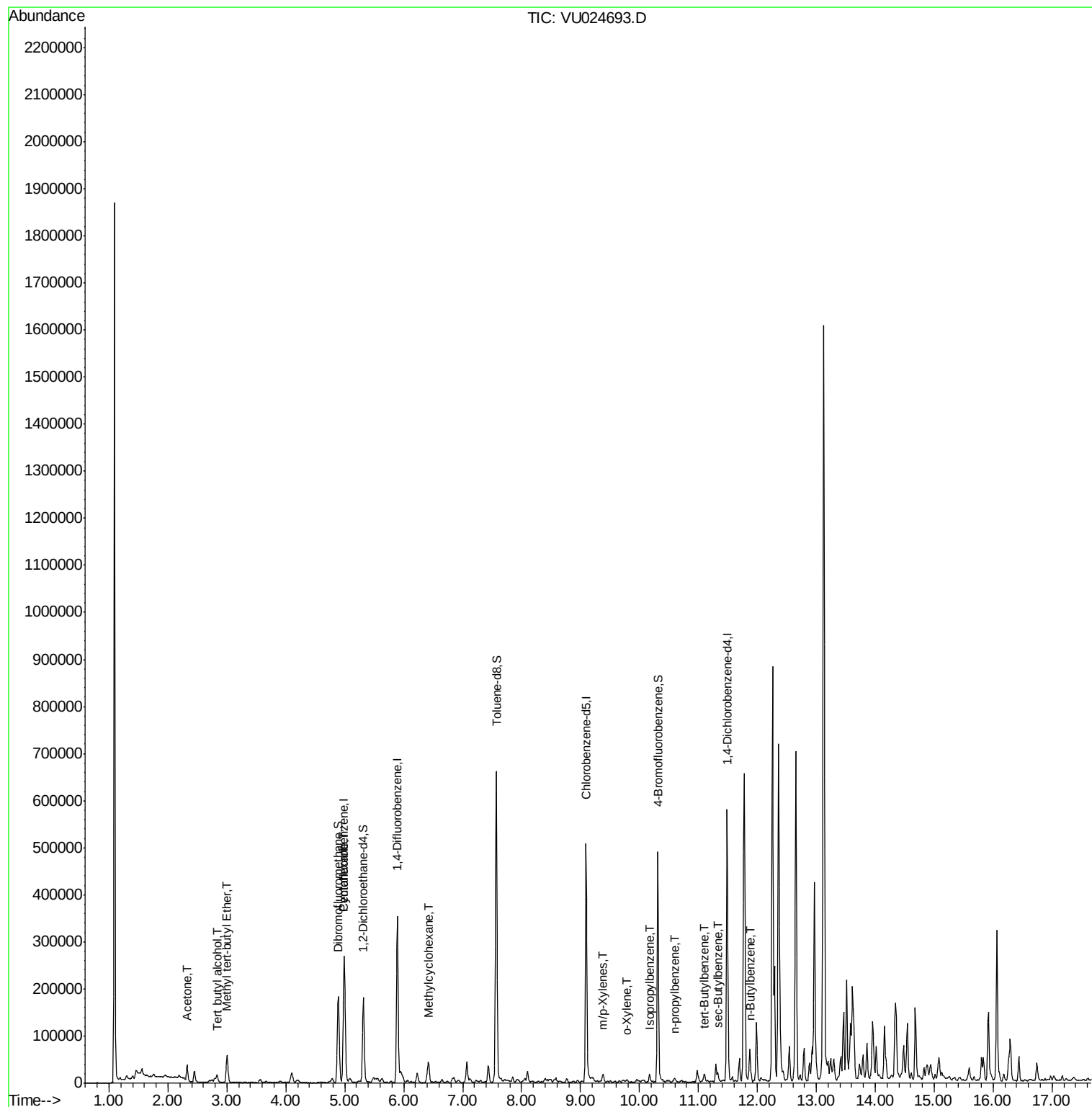
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

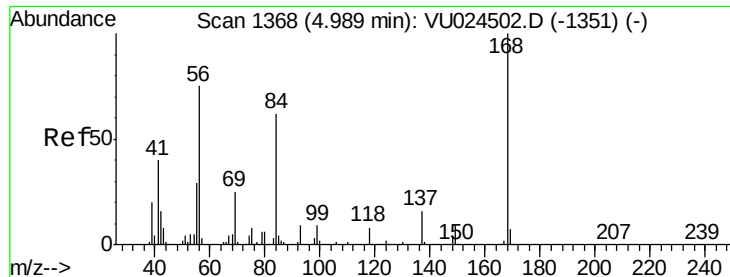
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

Manual Integrations
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Quant Time: Jun 19 05:26:45 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: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

Tot Ion:168 Resp: 191072

Ion Ratio Lower Upper

168 100

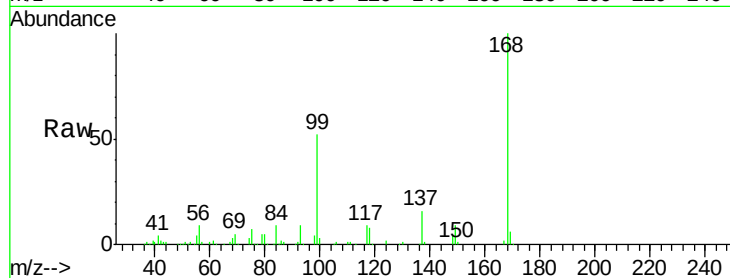
99 52.1 43.2 64.8

Manual Integrations

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

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

4.99

80000

60000

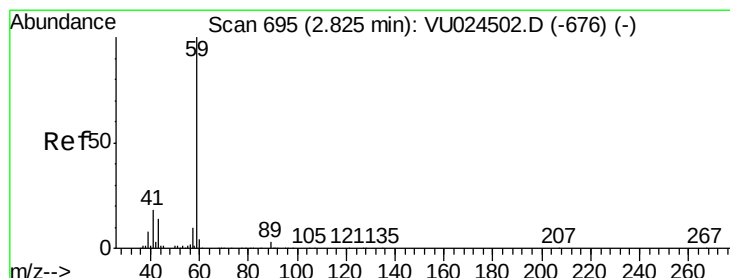
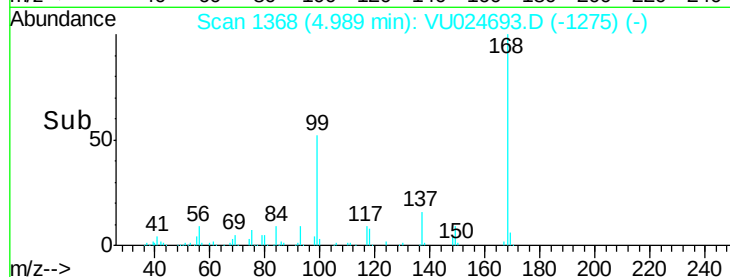
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 23.15 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VU024693.D

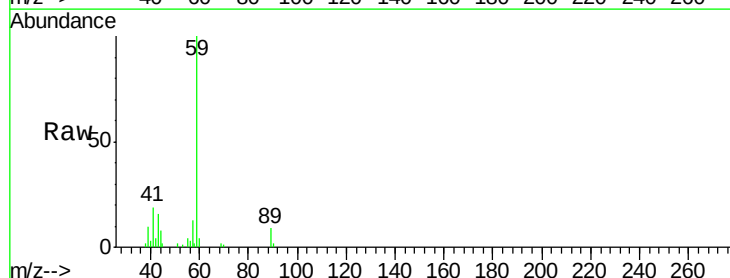
Acq: 18 Jun 2018 15:48

Tgt Ion: 59 Resp: 17563

Ion Ratio Lower Upper

59 100

57 13.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU024502.D (-676) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-676) (-)

2.83

8000

6000

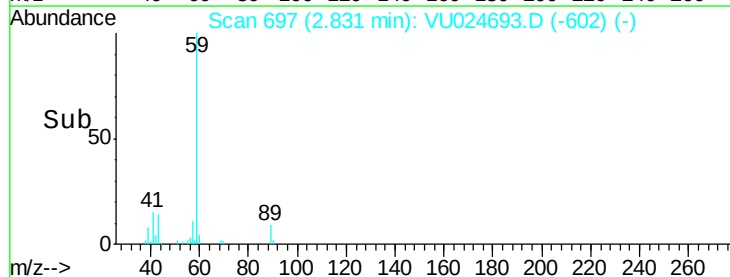
4000

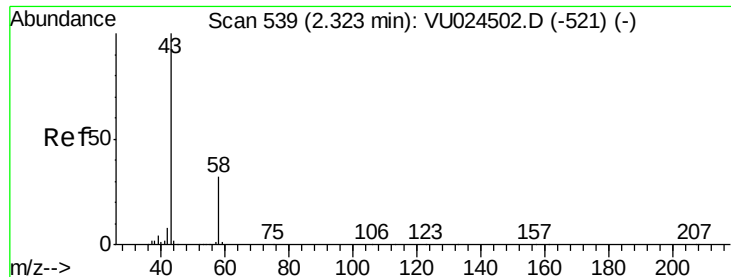
2000

0

2.75 2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 21.62 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

Tot Ion: 43 Resp: 36231

Ion Ratio Lower Upper

43 100

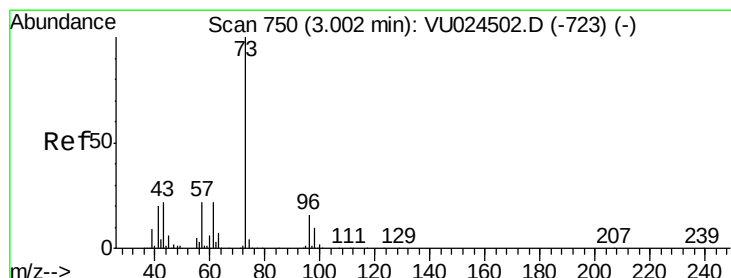
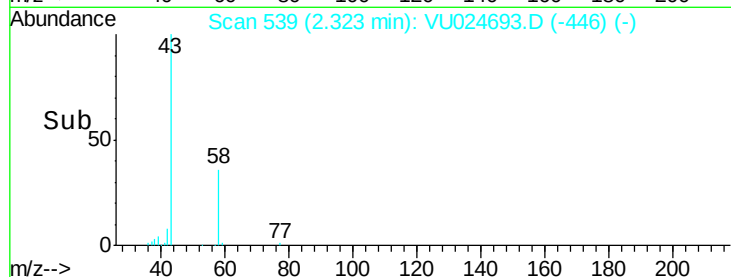
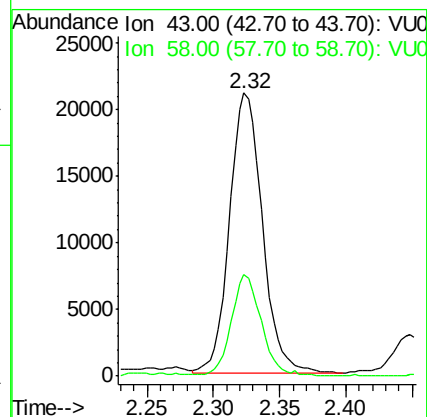
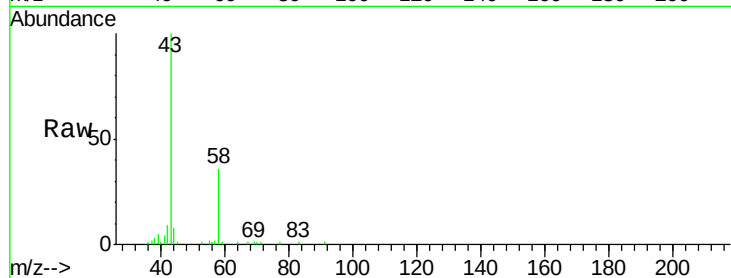
58 36.2 24.4 36.6

Manual Integrations

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#19

Methyl tert-butyl Ether

Concen: 6.15 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU024693.D

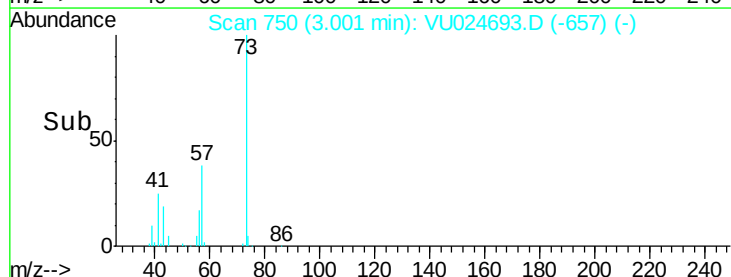
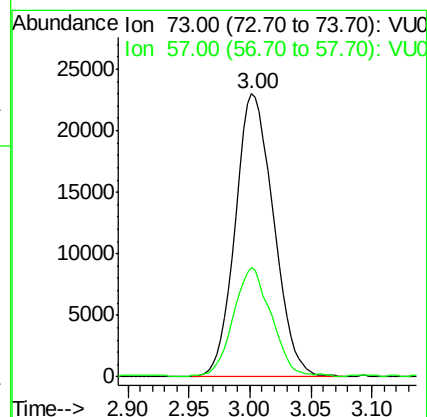
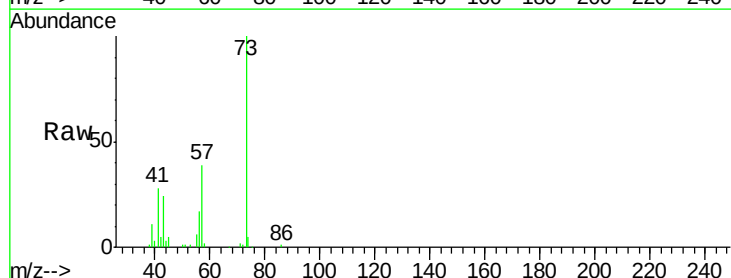
Acq: 18 Jun 2018 15:48

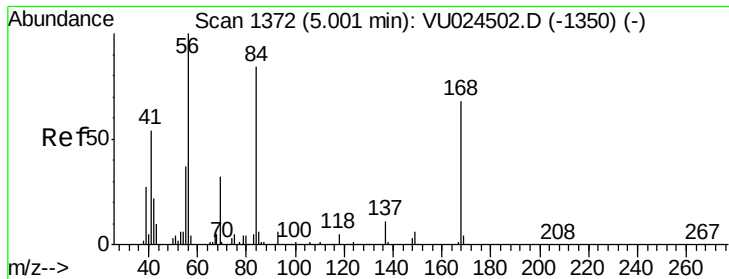
Tgt Ion: 73 Resp: 50268

Ion Ratio Lower Upper

73 100

57 38.6 18.8 28.2#





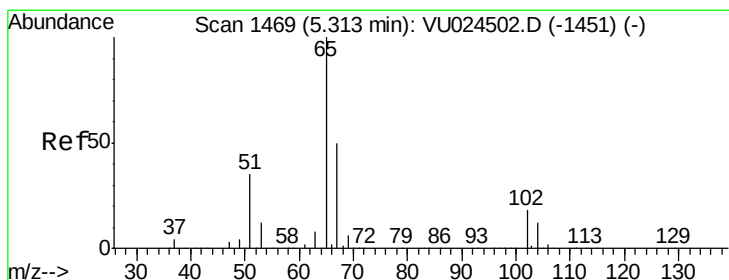
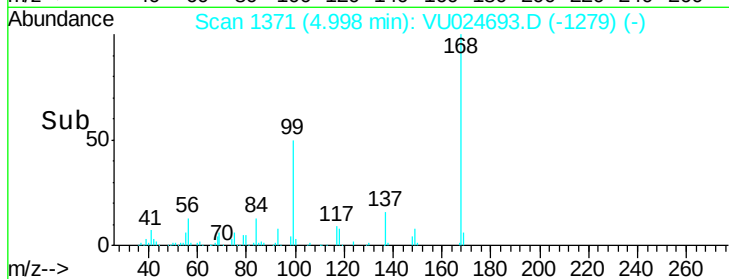
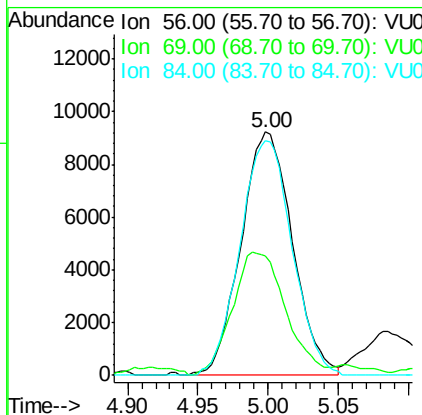
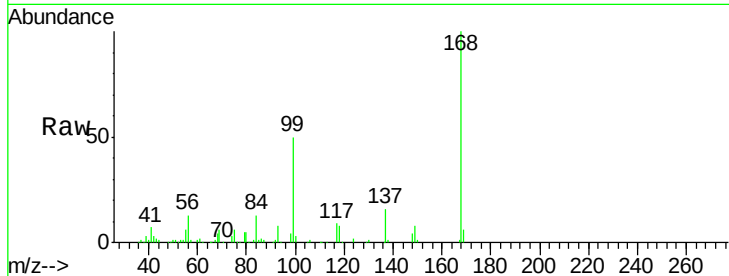
#31
Cyclohexane
Concen: 3.93 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

Tot Ion	Ratio	Lower	Upper
56	100		
69	49.1	24.8	37.2#
84	96.2	65.2	97.8

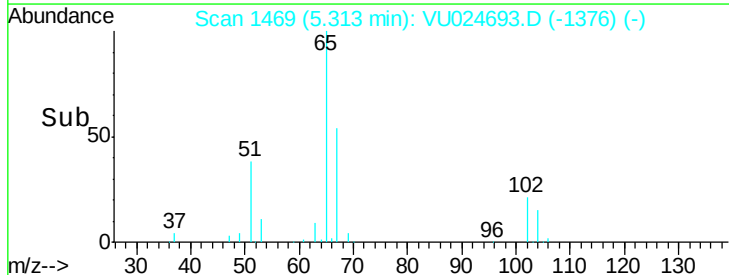
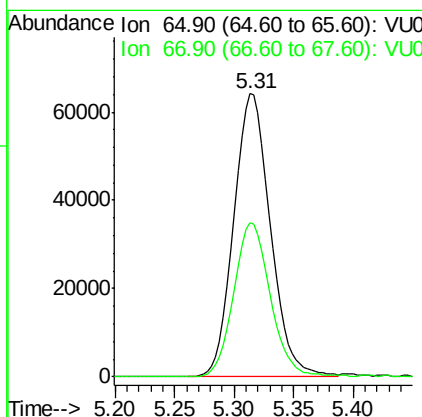
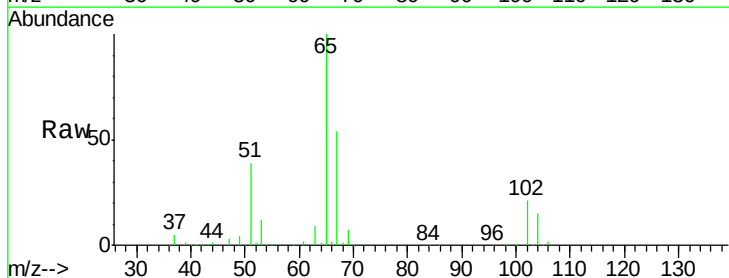
Manual Integrations
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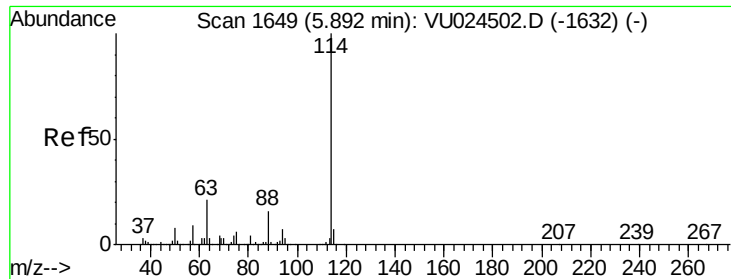
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#33
1,2-Dichloroethane-d4
Concen: 43.97 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.0





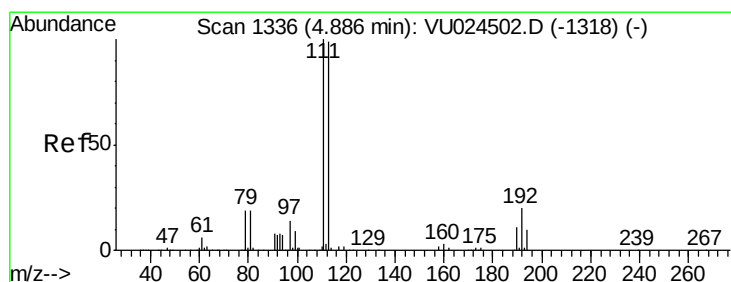
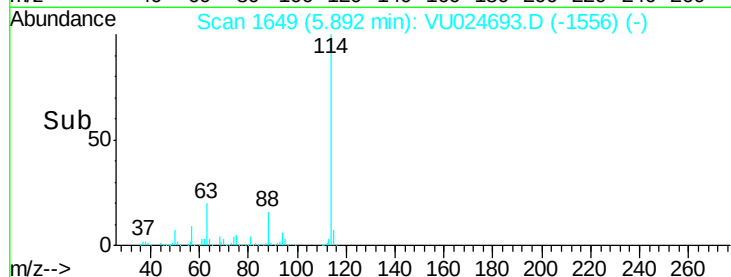
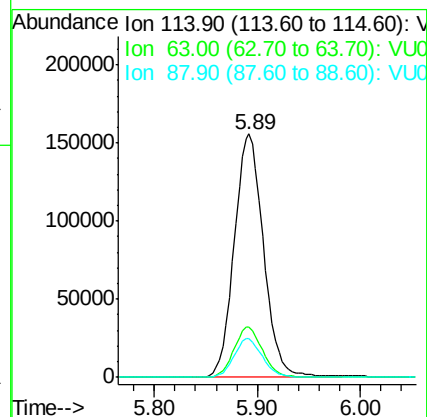
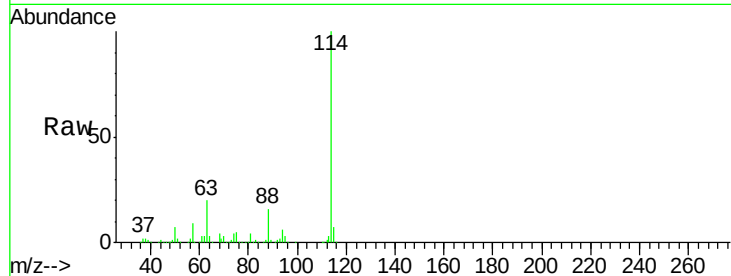
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.5	0.0	45.4
88	15.8	0.0	31.0

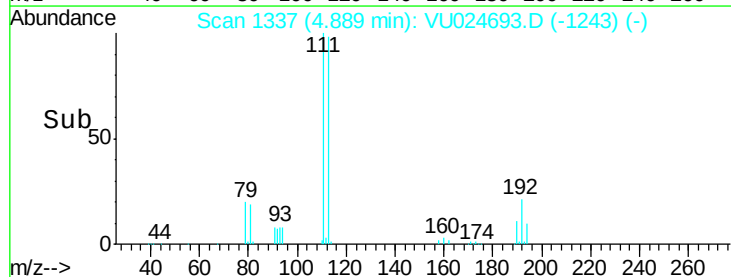
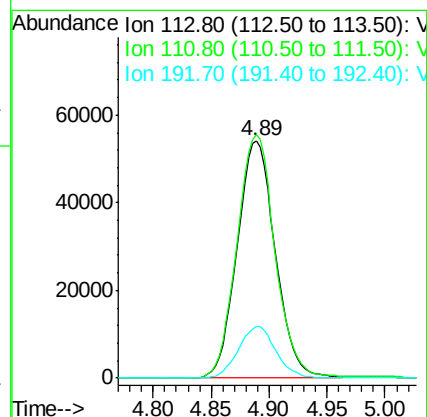
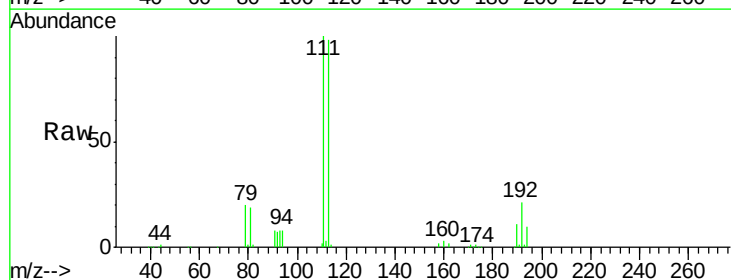
Manual Integrations
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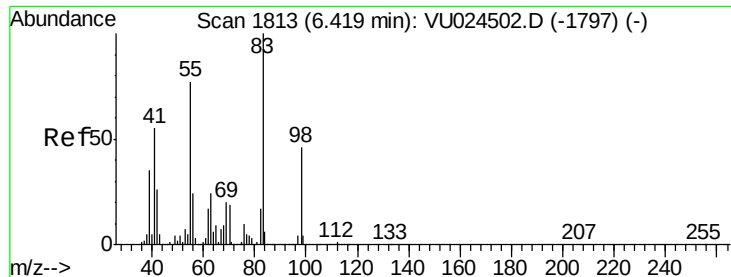
MMDadoda
 6/19/2018 1:55:02 PM



#35
 Dibromofluoromethane
 Concen: 48.26 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.3	16.2	24.4





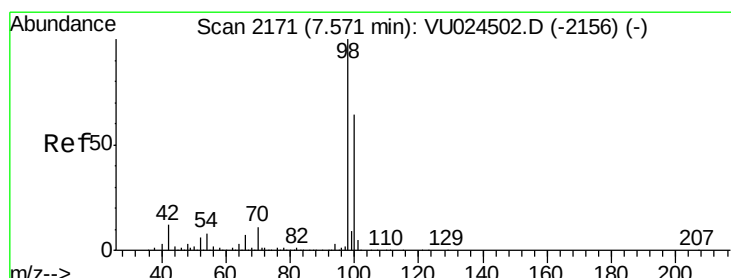
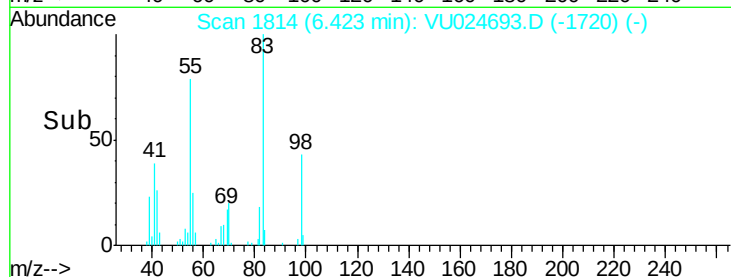
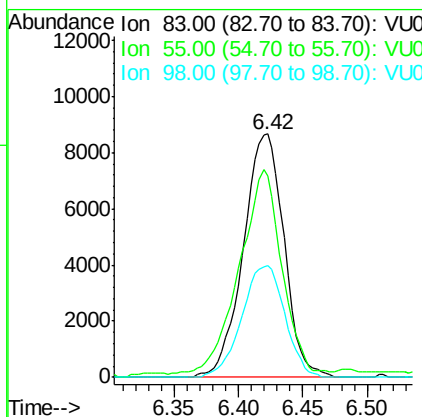
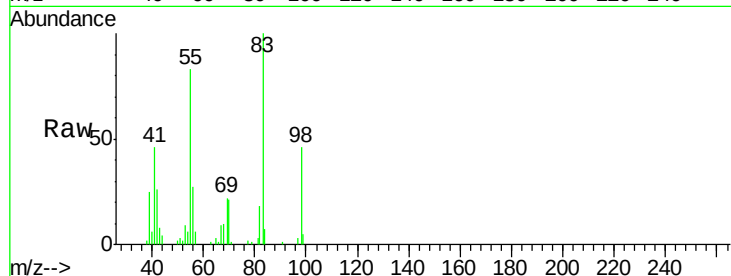
#39
Methylvlcyclohexane
Concen: 4.22 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	65.8	98.6
98	46.1	36.7	55.1

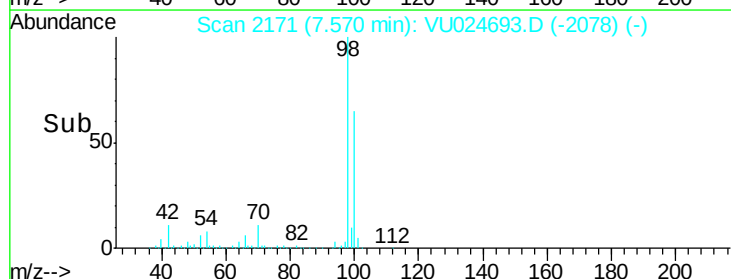
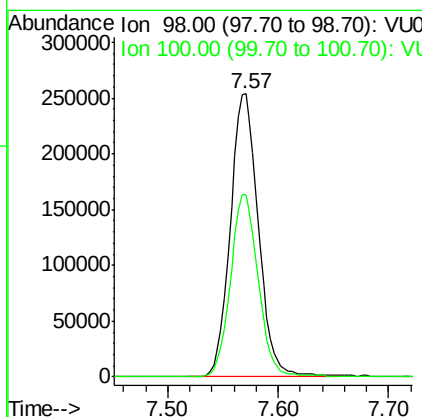
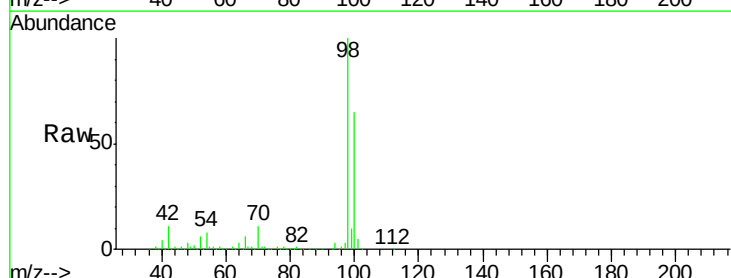
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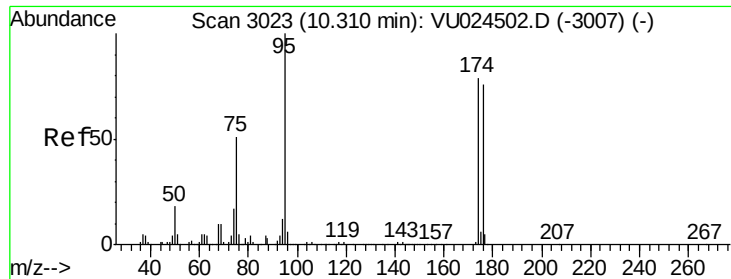
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#50
Toluene-d8
Concen: 48.10 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





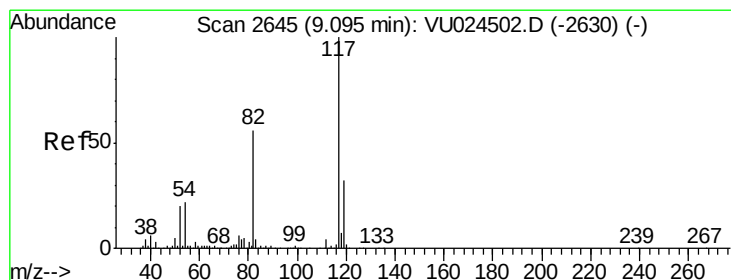
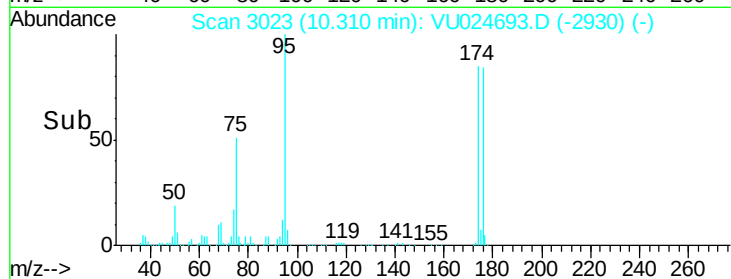
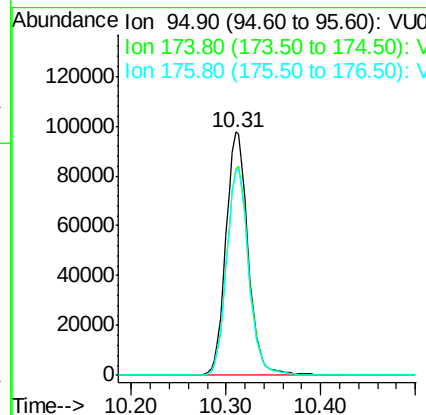
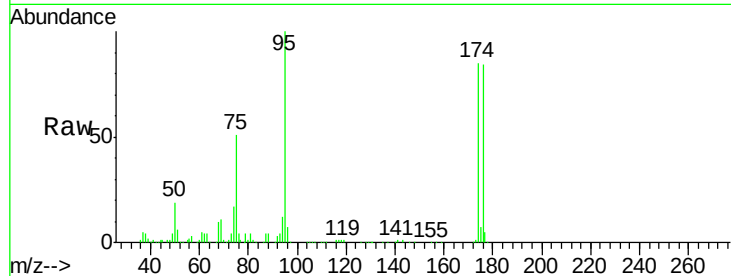
#62
4-Bromofluorobenzene
Concen: 42.83 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
95	100	158628		
174	86.1	0.0	165.8	
176	84.7	0.0	159.4	

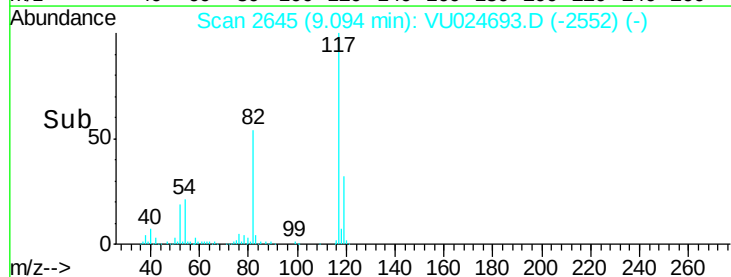
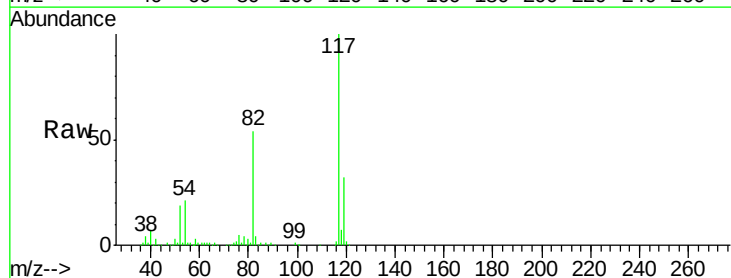
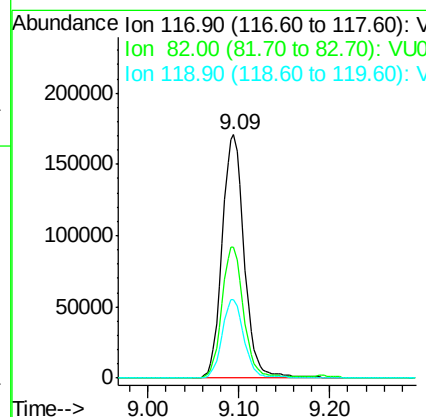
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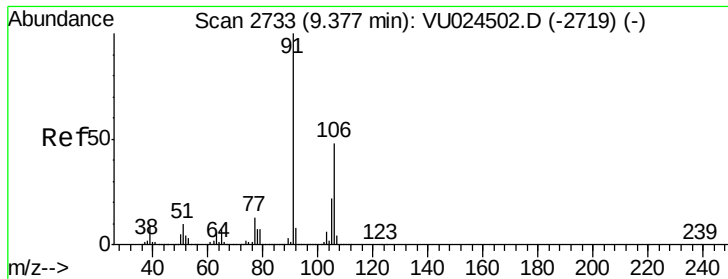
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	288616		
82	53.8	44.3	66.5	
119	32.1	25.4	38.2	





#68

m/p-Xylenes

Concen: 0.87 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

Tot Ion:106 Resp: 4326

Ion Ratio Lower Upper

106 100

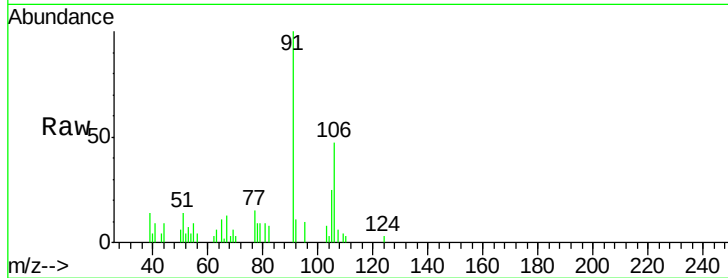
91 203.4 166.5 249.7

Manual Integrations

APPROVED

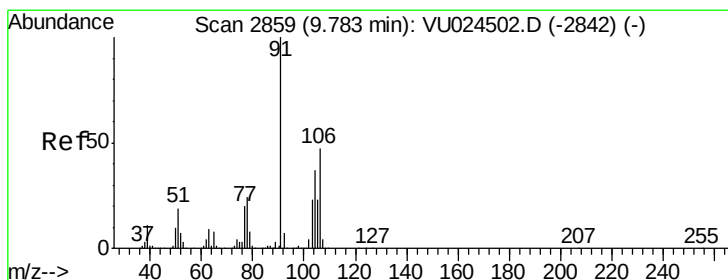
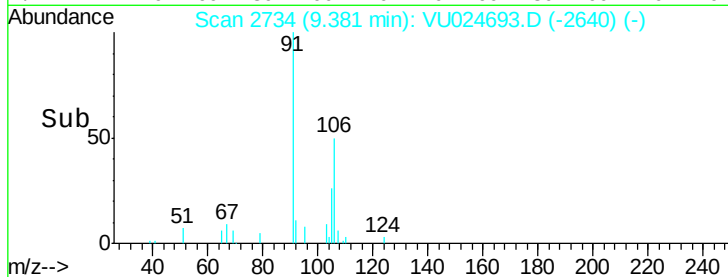
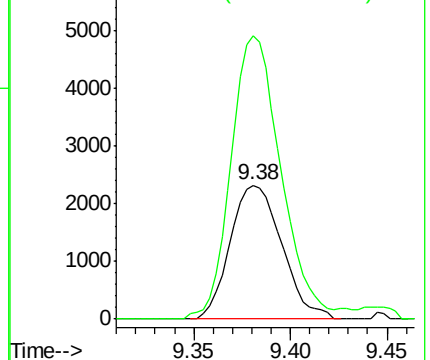
MMDadoda

6/19/2018 1:55:02 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 0.37 ug/l

RT: 9.79 min Scan# 2861

Delta R.T. 0.01 min

Lab File: VU024693.D

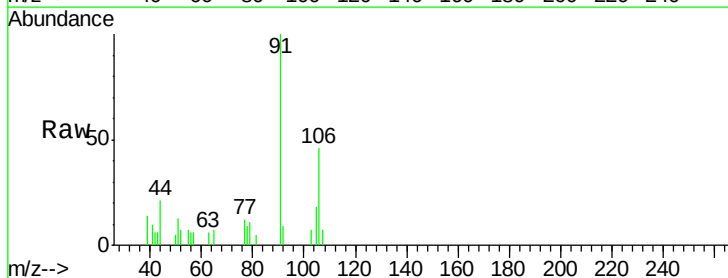
Acq: 18 Jun 2018 15:48

Tgt Ion:106 Resp: 1834

Ion Ratio Lower Upper

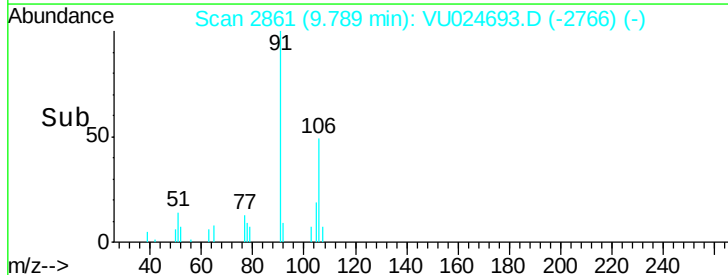
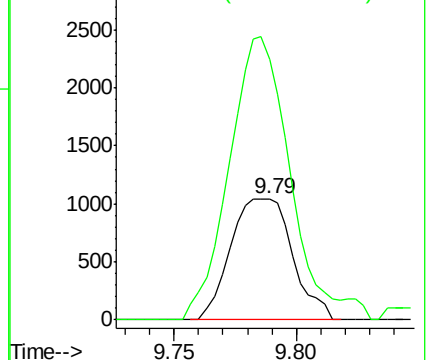
106 100

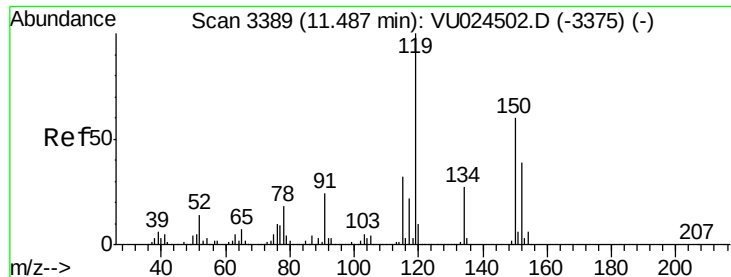
91 231.2 110.7 331.9



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: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

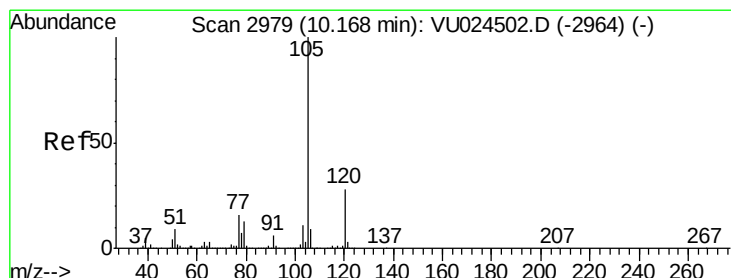
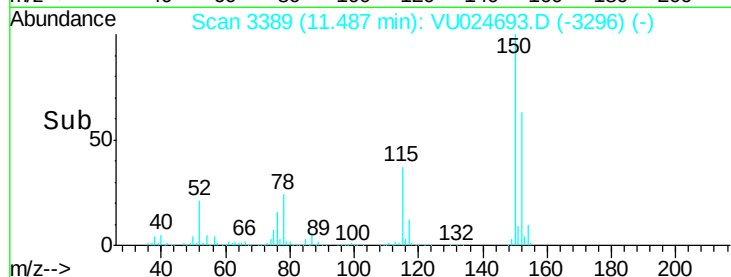
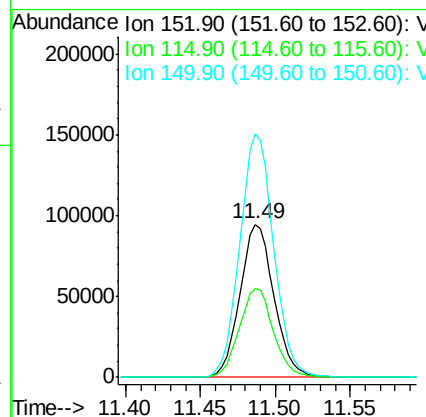
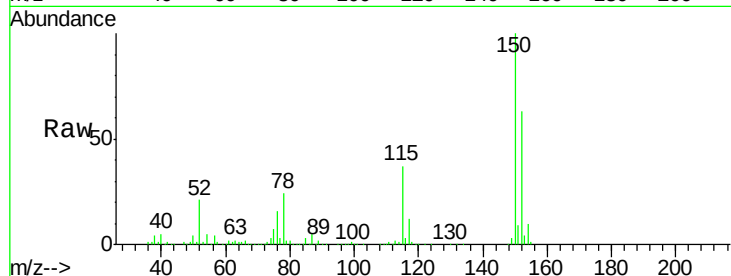
ClientSampleId :

T11-MW-1-8.0-061218

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	43.0	129.0
150	159.6	0.0	354.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.92 ug/l

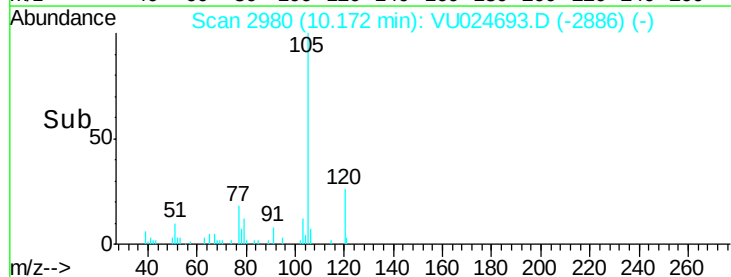
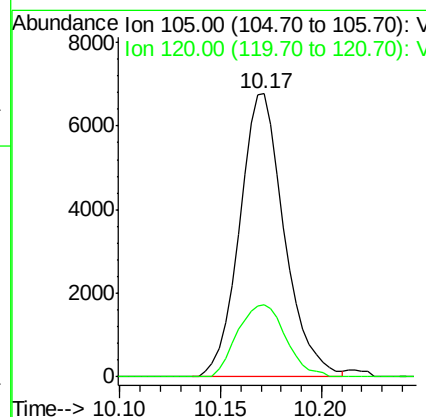
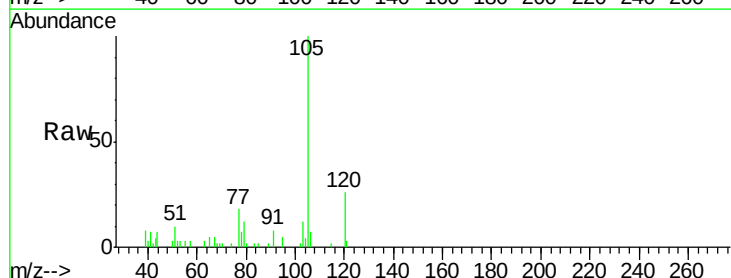
RT: 10.17 min Scan# 2980

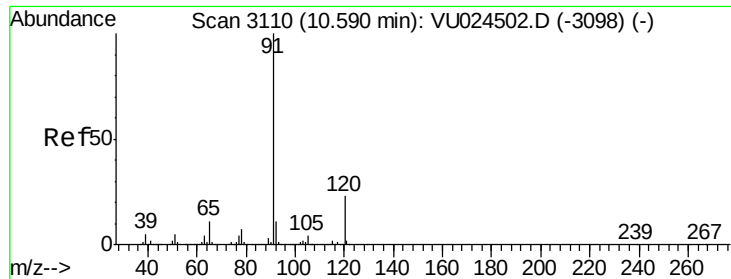
Delta R.T. 0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.2	39.6





#78

n-propylbenzene

Concen: 0.49 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

Tot Ion: 91 Resp: 6647

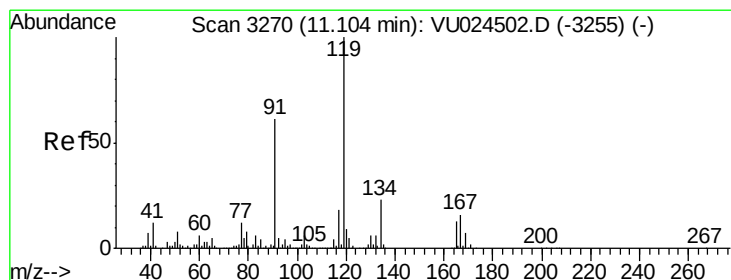
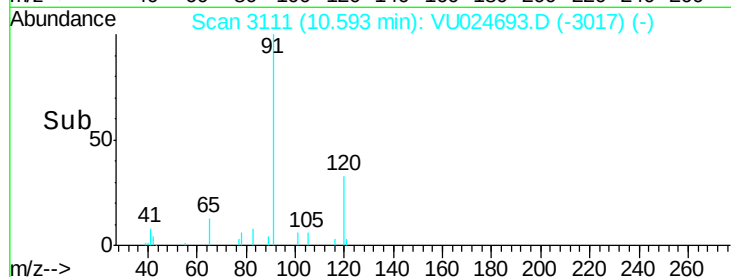
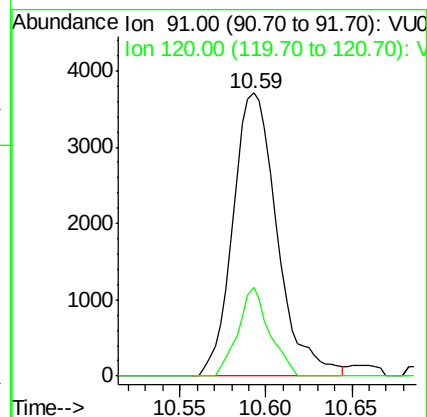
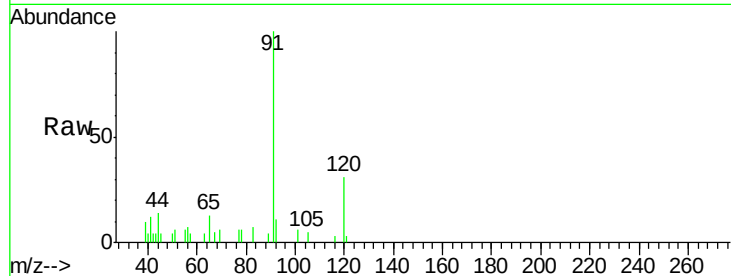
Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

Manual Integrations
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#83

tert-Butylbenzene

Concen: 0.72 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

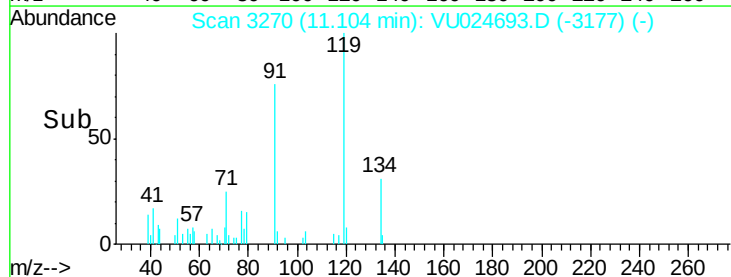
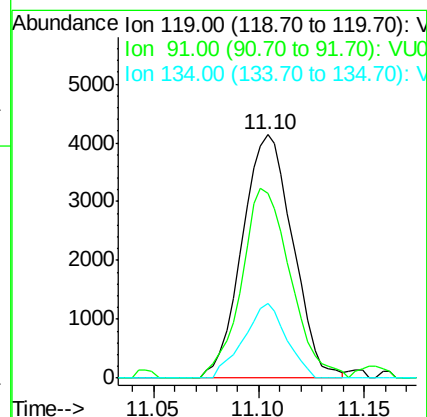
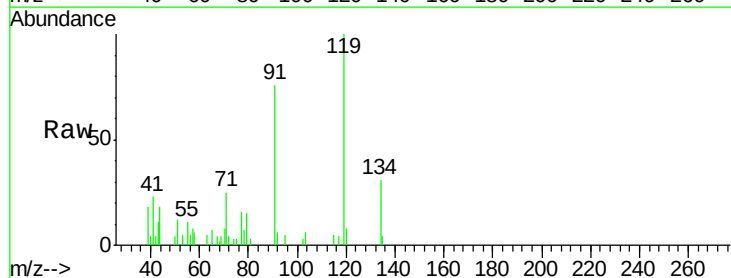
Tgt Ion: 119 Resp: 6893

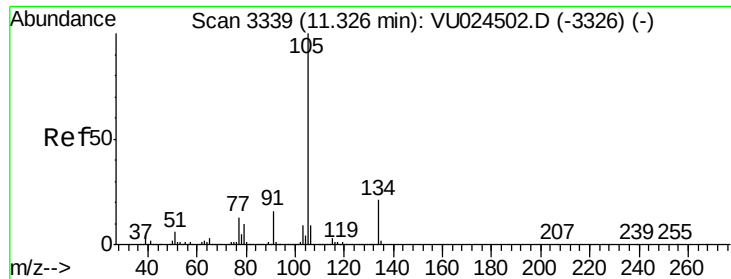
Ion Ratio Lower Upper

119 100

91 75.4 29.7 89.1

134 25.9 11.6 34.7





#85

sec-Butylbenzene

Concen: 0.88 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

Tot Ion: 105 Resp: 10498

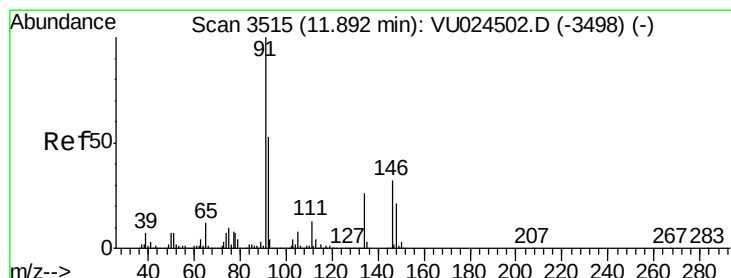
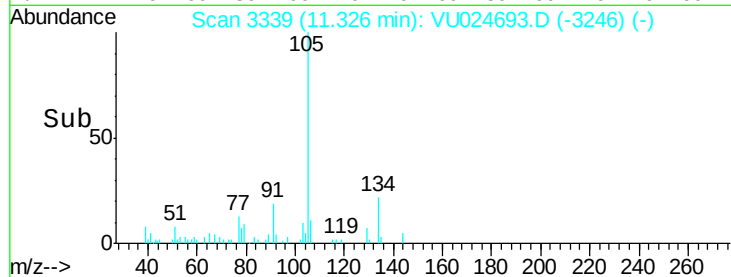
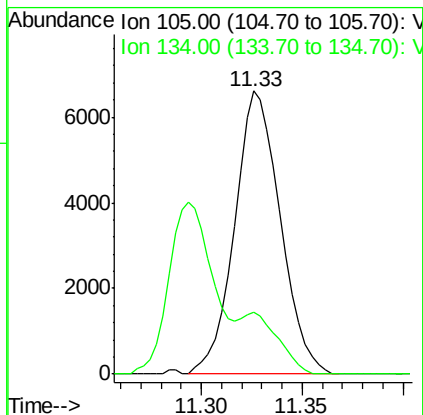
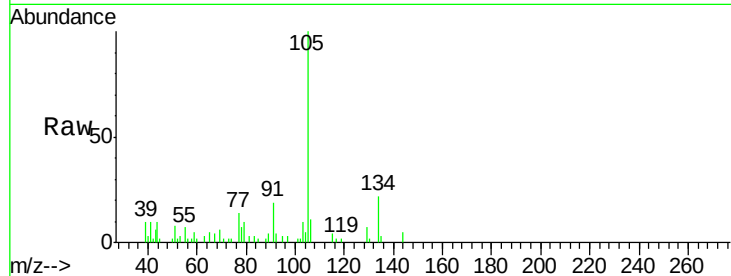
Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#

Manual Integrations
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#89

n-Butylbenzene

Concen: 0.59 ug/l m

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Tgt Ion: 91 Resp: 5649

Ion Ratio Lower Upper

91 100

92 0.0 25.6 76.8#

134 203.2 12.3 36.8#

