

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027247.D
 Acq On : 28 Sep 2018 00:29
 Operator : MD/SY
 Sample : J5029-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

Manual Integrations
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 10/2/2018 1:07:07 PM

Quant Time: Sep 28 05:07:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152497	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96005	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
35) Dibromofluoromethane	4.88	113	66028	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	7.57	98	246005	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	10.31	95	82196	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.83	59	5992	14.428	ug/l #	72
19) Methyl tert-butyl Ether	3.00	73	86011	18.824	ug/l	100
39) Methylcyclohexane	6.42	83	1715	0.775	ug/l #	67
40) Benzene	5.39	78	9578	1.548	ug/l	97
73) Isopropylbenzene	10.17	105	24122	4.289	ug/l	98
78) n-propylbenzene	10.59	91	38557	5.794	ug/l	99
83) tert-Butylbenzene	11.10	119	2818	0.614	ug/l	71
84) 1,2,4-Trimethylbenzene	11.15	105	2591	0.548	ug/l	93
85) sec-Butylbenzene	11.32	105	15619	2.788	ug/l	99
89) n-Butylbenzene	11.89	91	3910m	3.123	ug/l	
95) Naphthalene	13.74	128	56584	10.621	ug/l	97

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

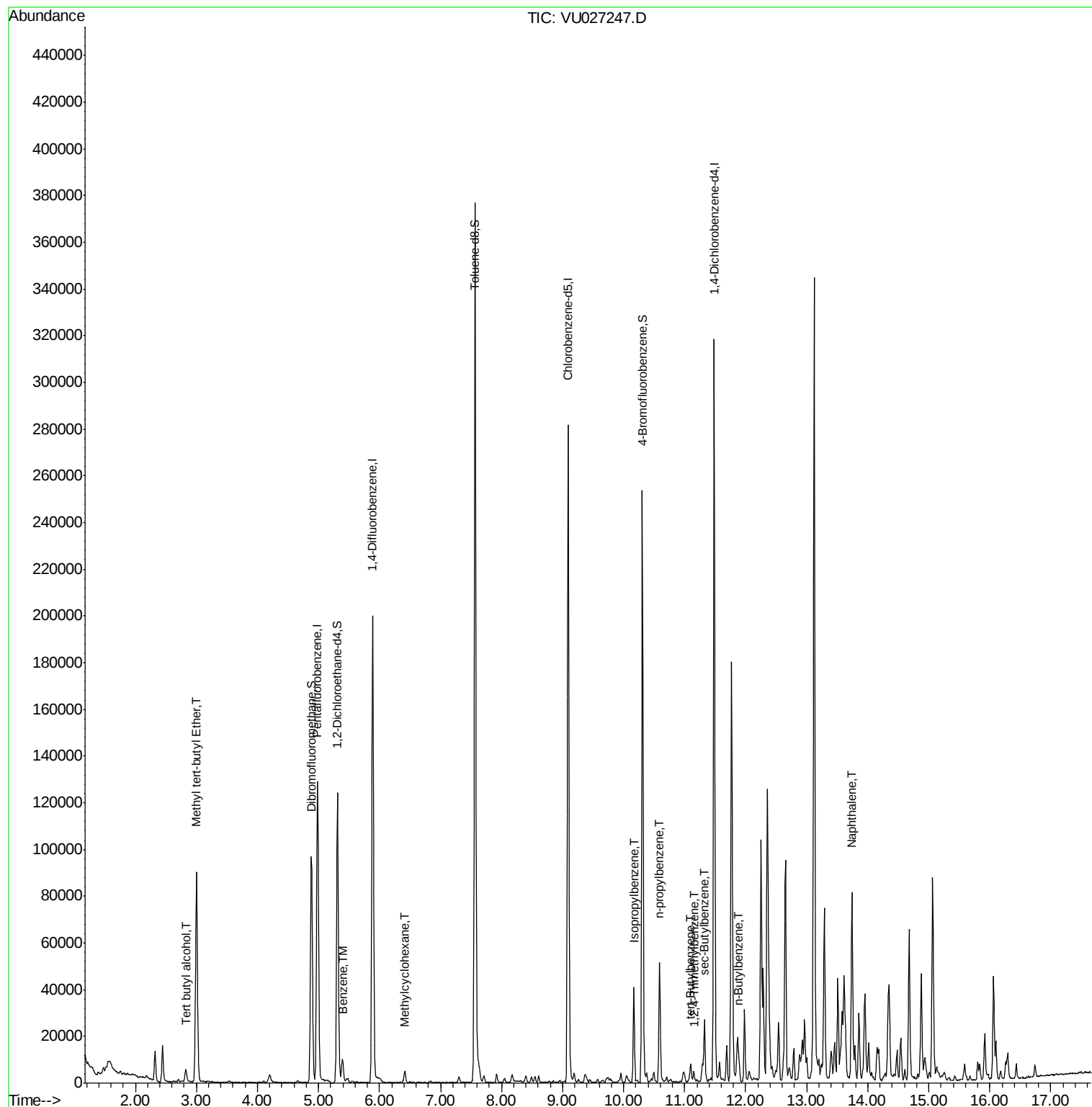
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
Data File : VU027247.D
Acq On : 28 Sep 2018 00:29
Operator : MD/SY
Sample : J5029-11
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MSVOA_U
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T11-MW-13-8.0-092018

Manual Integrations
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Quant Time: Sep 28 05:07:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-092018

Tot Ion:168 Resp: 90026

Ion Ratio Lower Upper

168 100

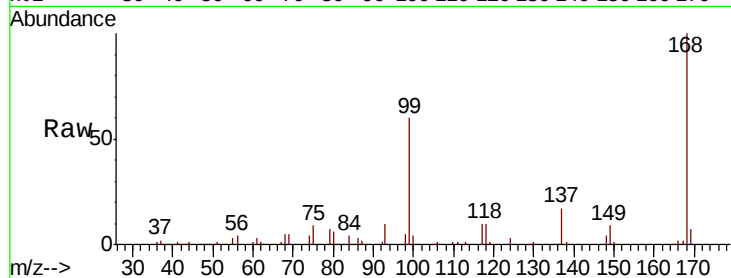
99 60.3 48.1 72.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

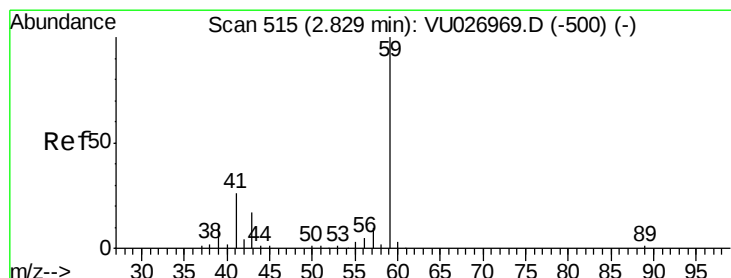
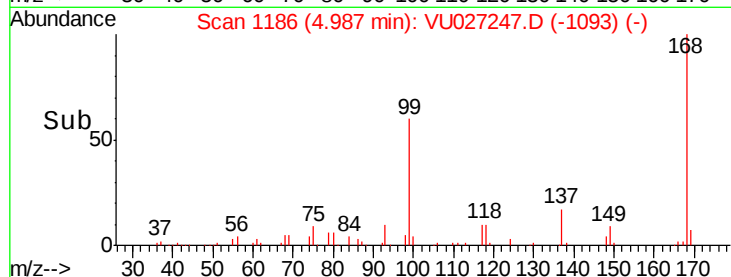
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 14.428 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027247.D

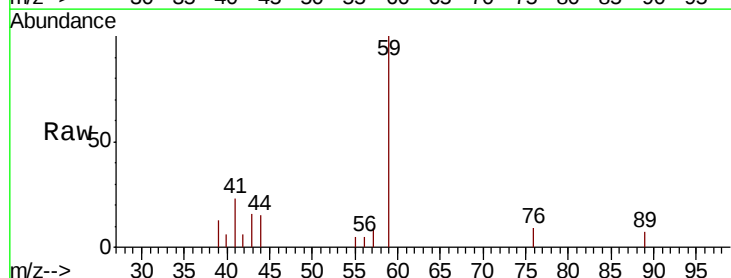
Acq: 28 Sep 2018 00:29

Tgt Ion: 59 Resp: 5992

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.83

3000

2500

2000

1500

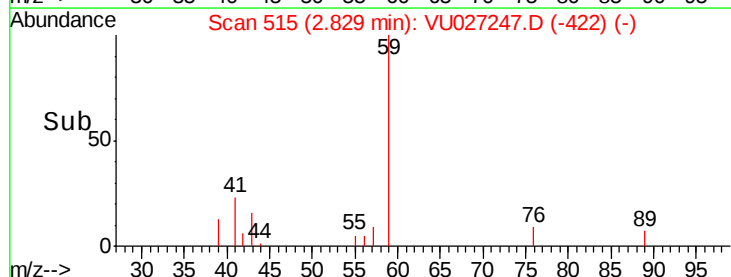
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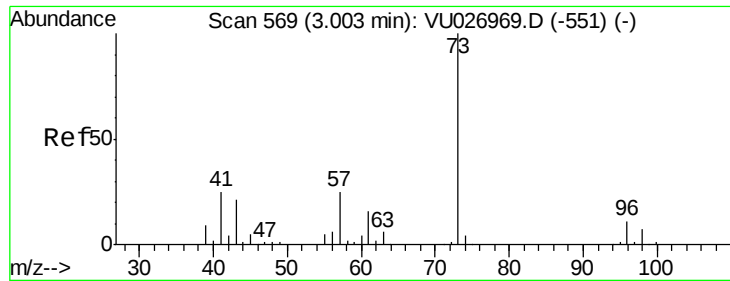
500

0

2.75 2.80 2.85 2.90

Time-->





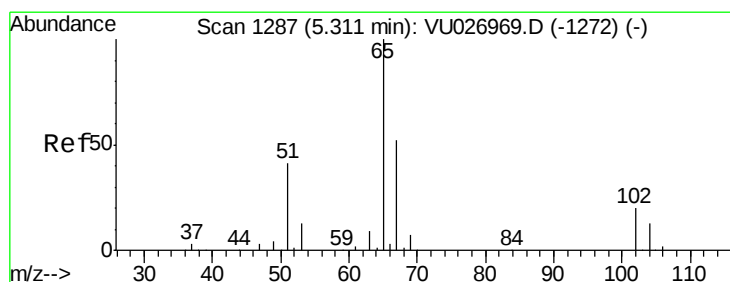
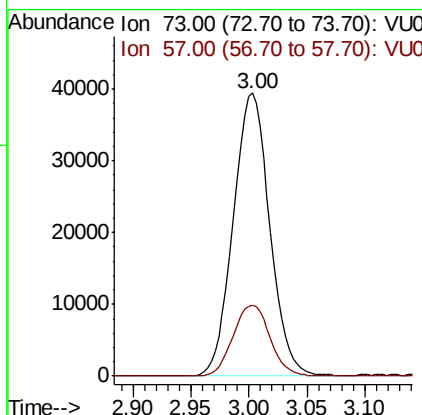
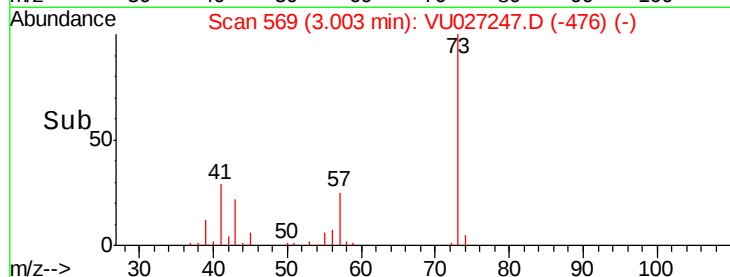
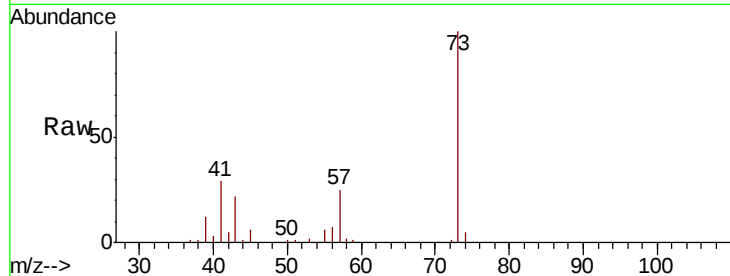
#19
Methvl tert-butvl Ether
Concen: 18.824 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion: 73 Resp: 86011
Ion Ratio Lower Upper
73 100
57 24.9 19.8 29.6

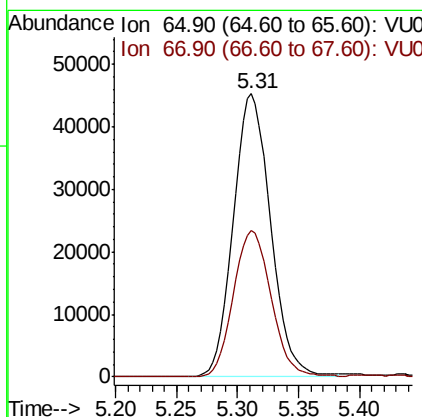
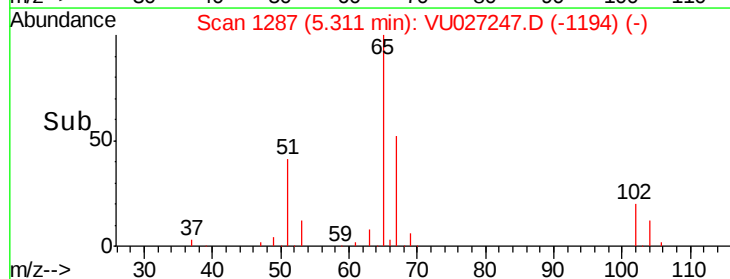
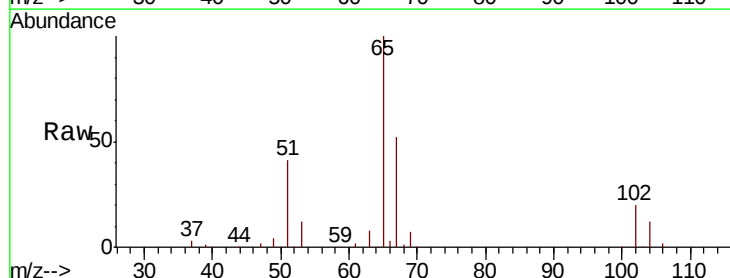
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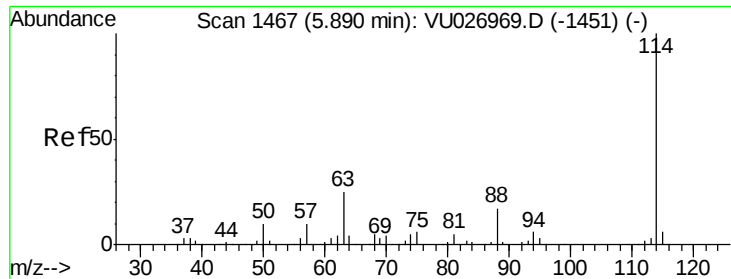
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#33
1,2-Dichloroethane-d4
Concen: 52.985 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 65 Resp: 96005
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6





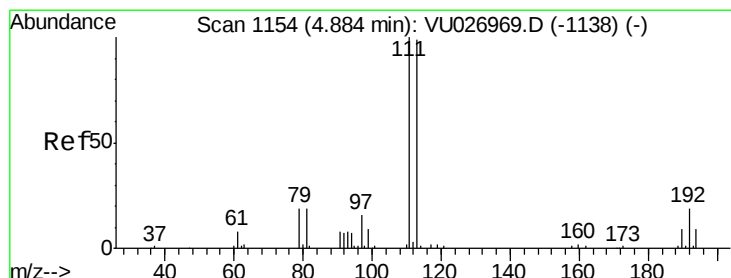
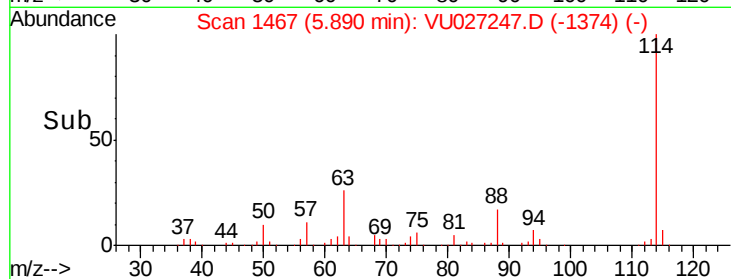
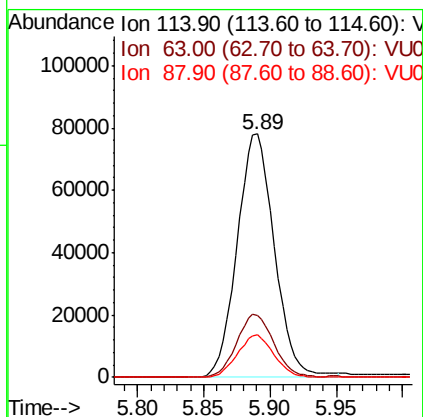
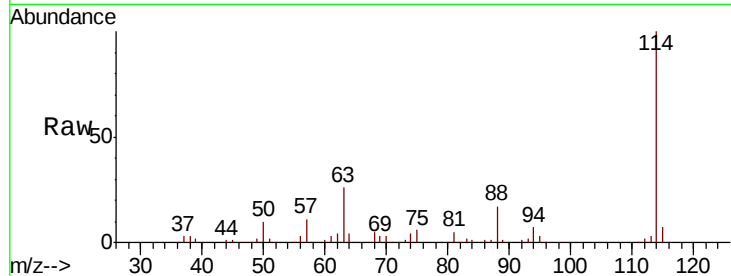
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

Tot Ion	Ratio	Resp	Lower	Upper
114	100	152497		
63	25.6	0.0	49.2	
88	17.3	0.0	33.8	

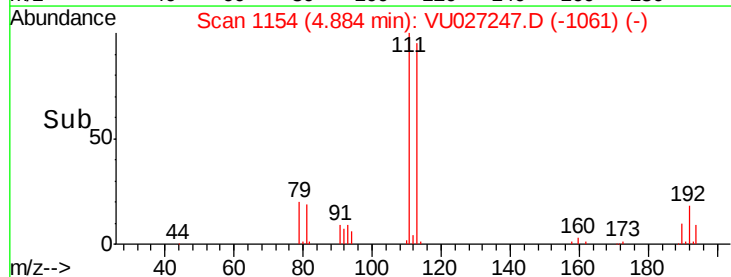
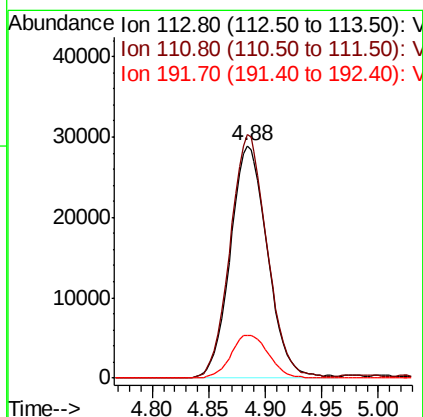
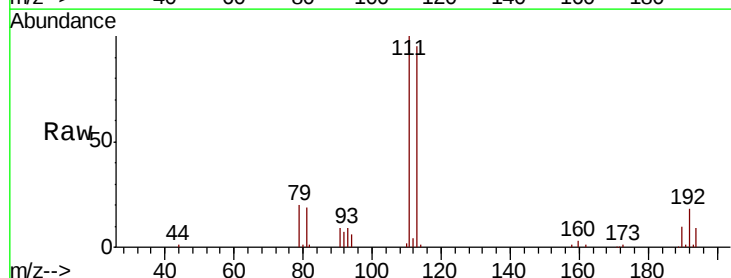
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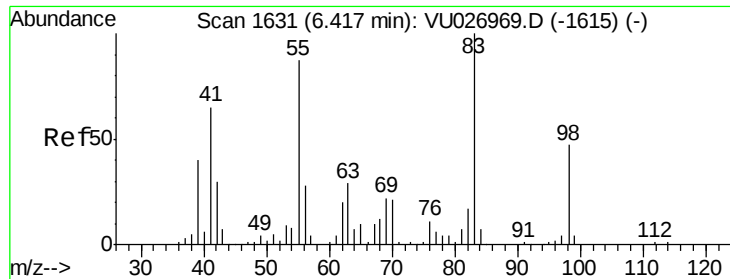
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#35
 Dibromofluoromethane
 Concen: 49.951 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66028		
111	104.4	82.2	123.4	
192	18.7	15.2	22.8	





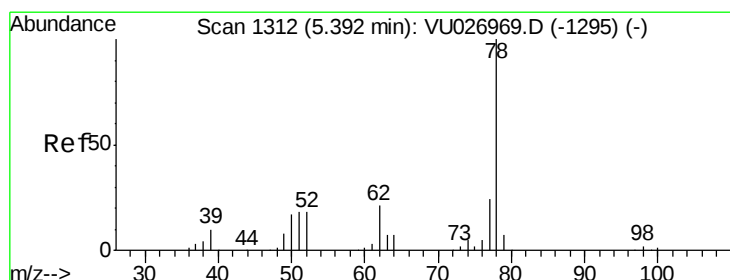
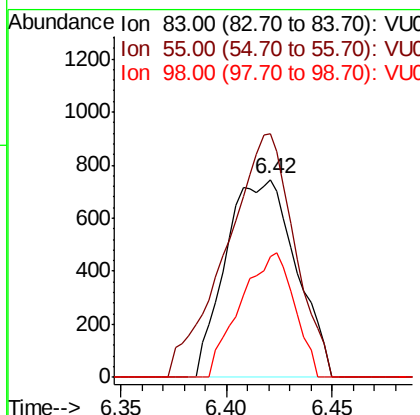
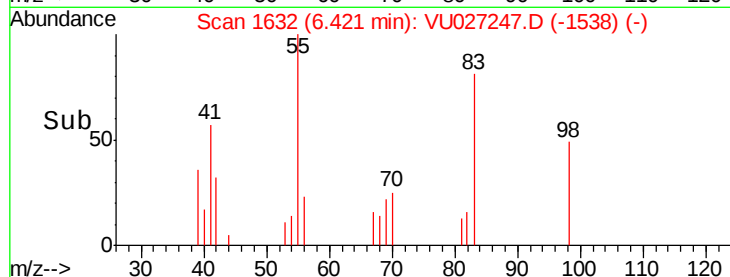
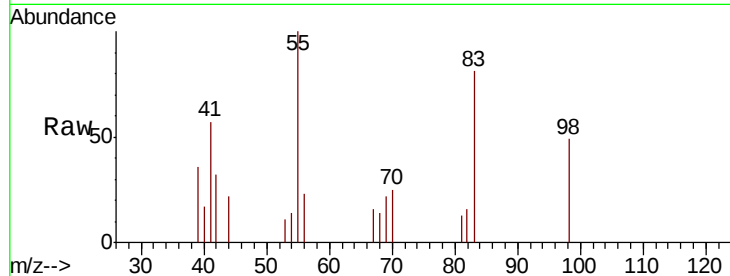
#39
Methvlcvclohexane
Concen: 0.775 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion	Ratio	Lower	Upper
83	100		
55	123.2	69.9	104.9#
98	60.9	37.5	56.3#

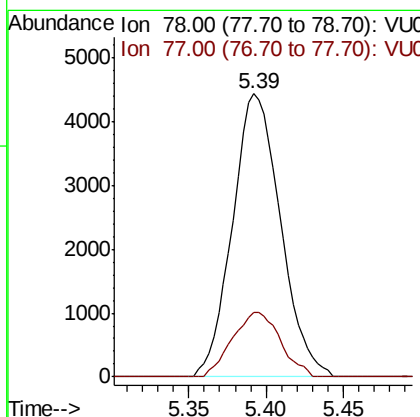
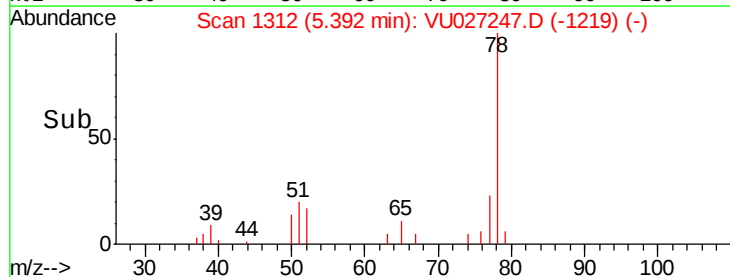
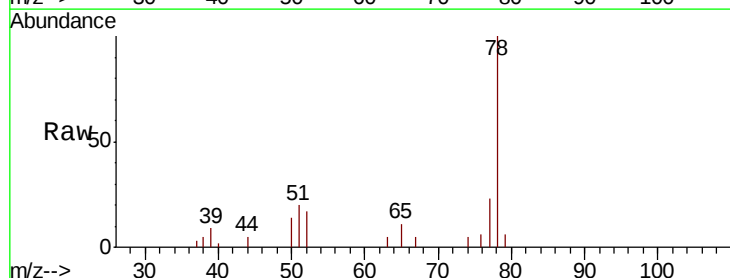
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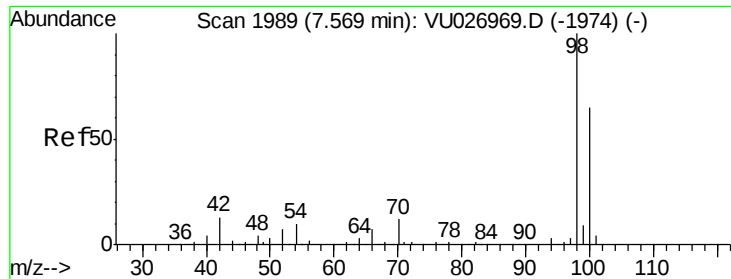
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#40
Benzene
Concen: 1.548 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





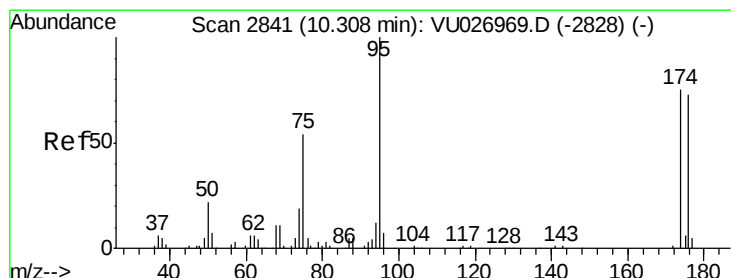
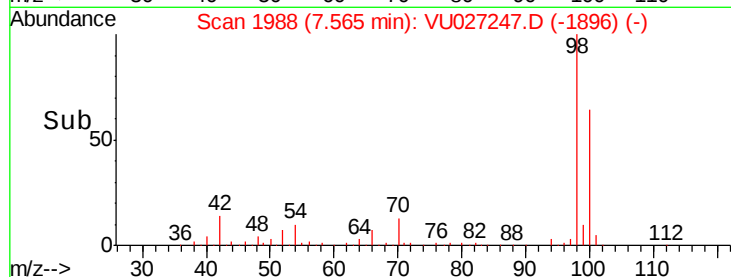
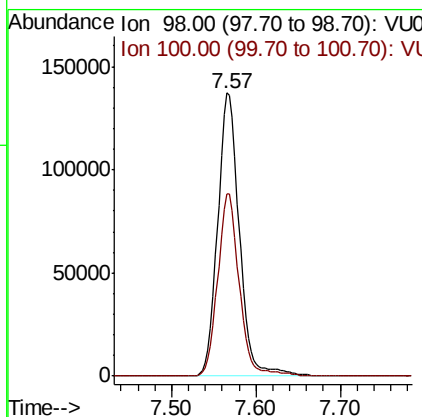
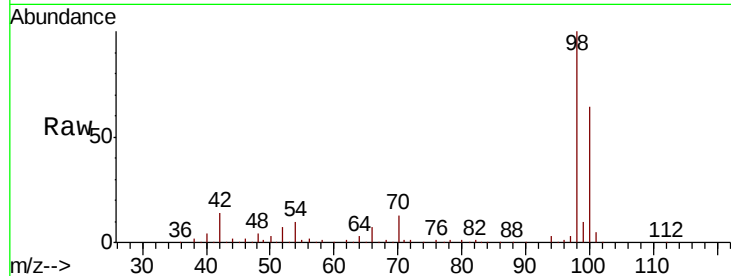
#50
Toluene-d8
Concen: 48.834 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion: 98 Resp: 246005
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

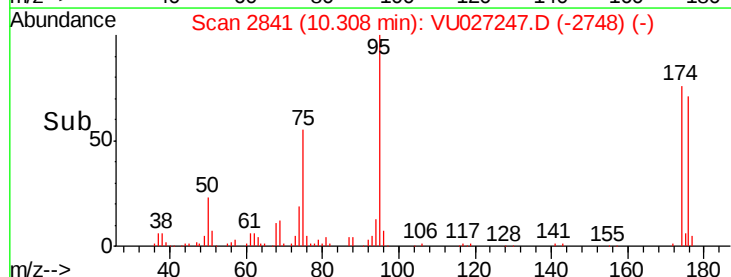
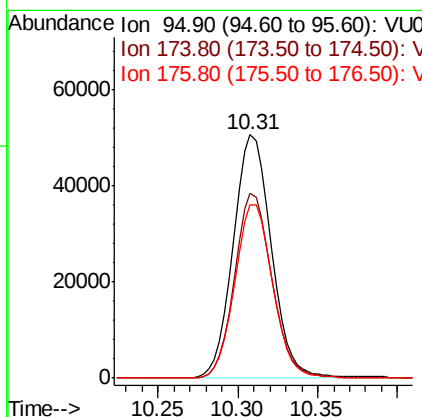
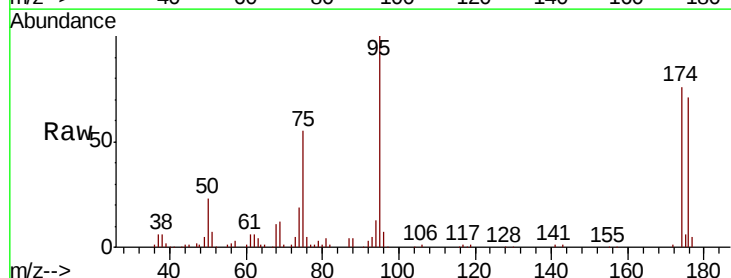
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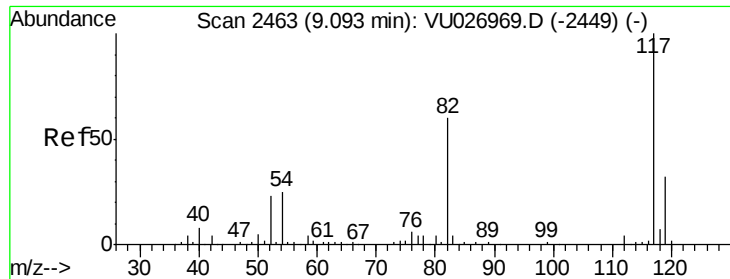
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#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 95 Resp: 82196
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.2
176 71.2 0.0 145.2





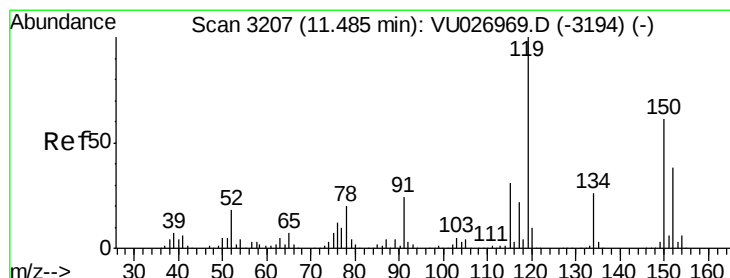
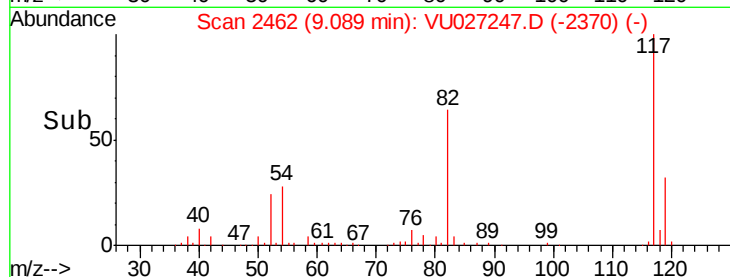
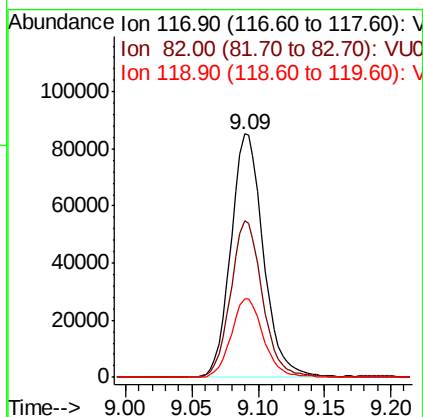
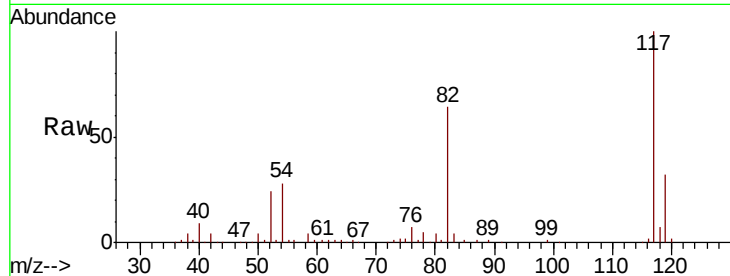
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion	Ratio	Resp	Lower	Upper
117	100	145274		
82	64.2	48.0	72.0	
119	32.4	25.8	38.8	

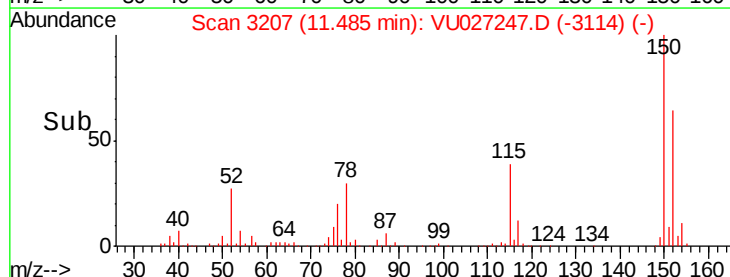
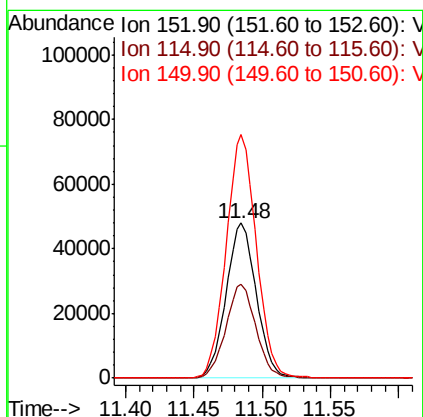
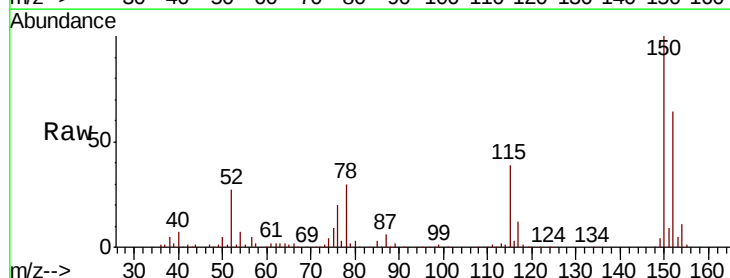
Manual Integrations
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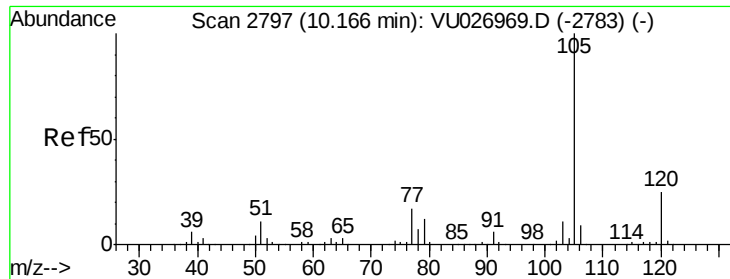
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	73931		
115	60.5	44.9	134.5	
150	156.9	0.0	355.8	





#73

Isopropylbenzene

Concen: 4.289 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-092018

Tot Ion: 105 Resp: 24122

Ion Ratio Lower Upper

105 100

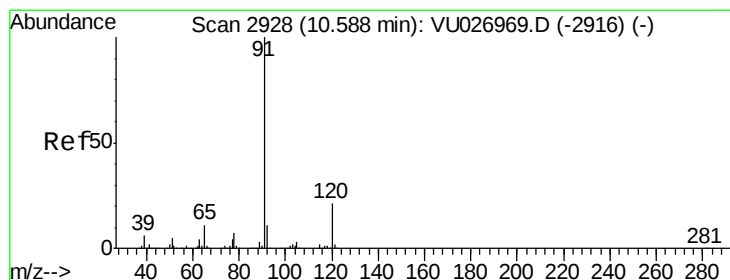
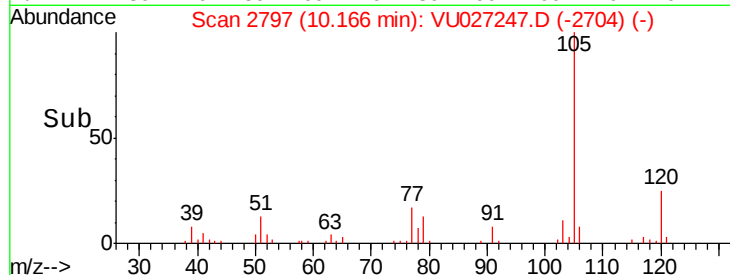
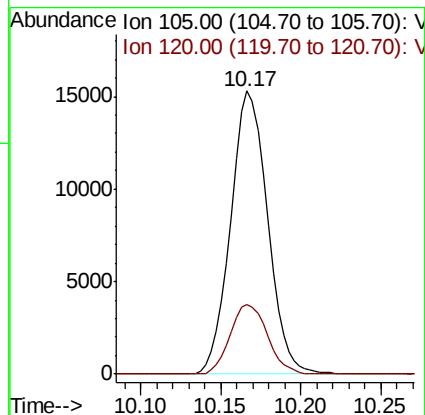
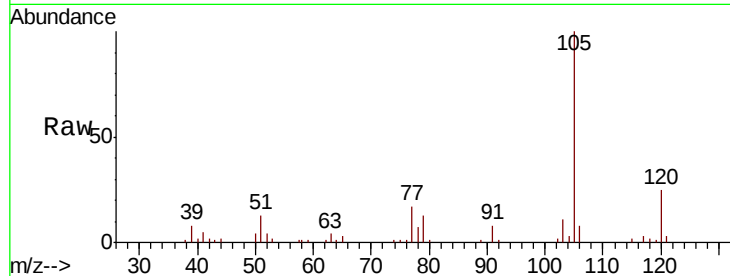
120 24.7 12.8 38.4

Manual Integrations

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#78

n-propylbenzene

Concen: 5.794 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027247.D

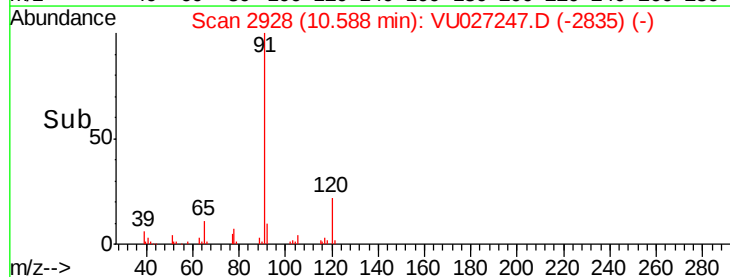
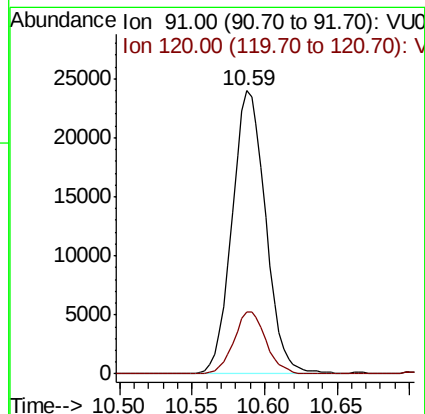
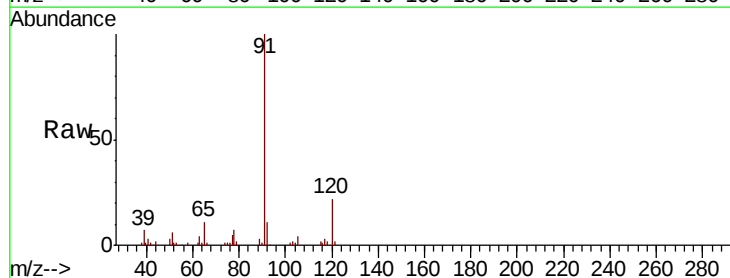
Acq: 28 Sep 2018 00:29

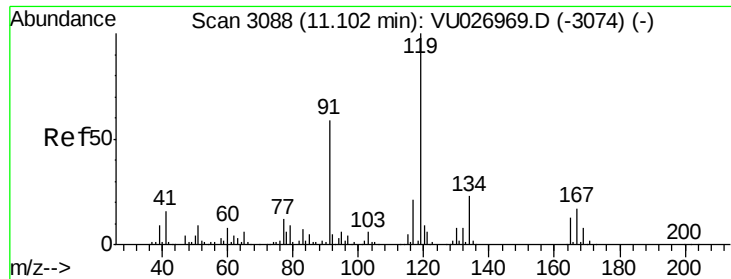
Tgt Ion: 91 Resp: 38557

Ion Ratio Lower Upper

91 100

120 20.8 10.6 31.8





#83

tert-Butylbenzene

Concen: 0.614 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

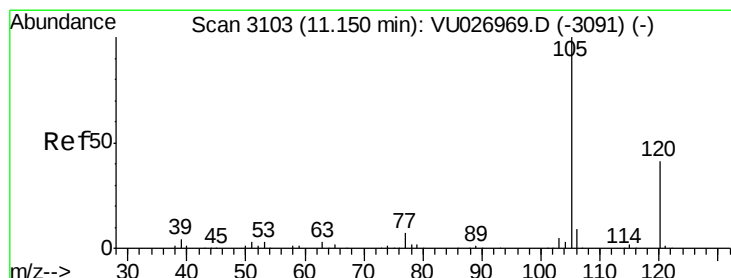
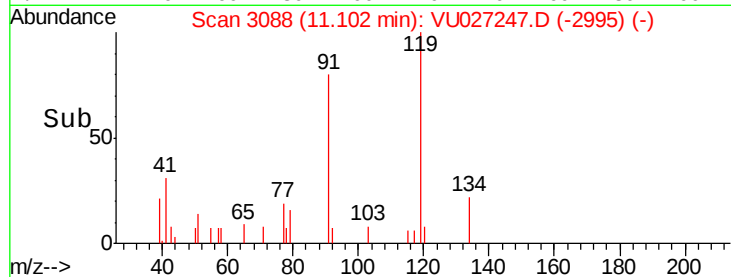
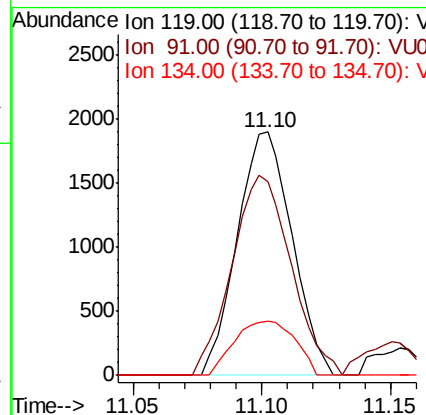
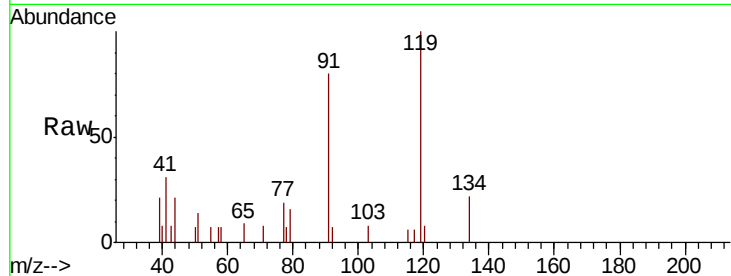
ClientSampleId :

T11-MW-13-8.0-092018

Tot Ion:119	Resp:	2818
Ion Ratio	Lower	Upper
119 100		
91 88.4	29.8	89.4
134 24.6	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 0.548 ug/l

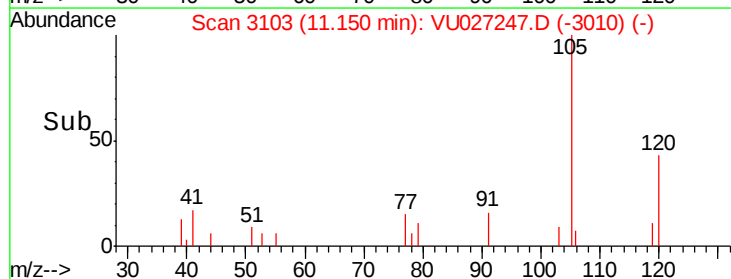
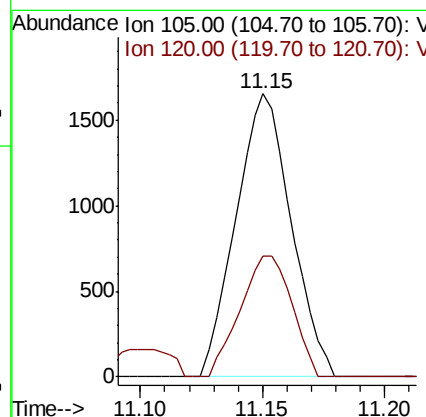
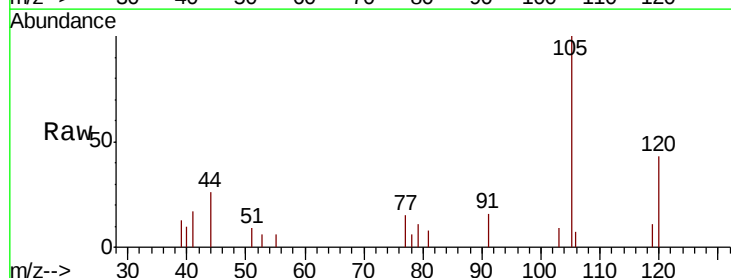
RT: 11.15 min Scan# 3103

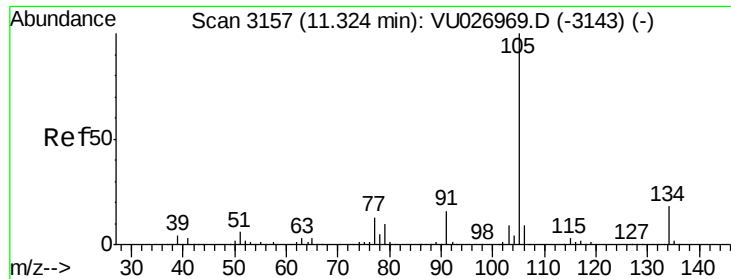
Delta R.T. 0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Tgt Ion:105	Resp:	2591
Ion Ratio	Lower	Upper
105 100		
120 40.1	22.4	67.2





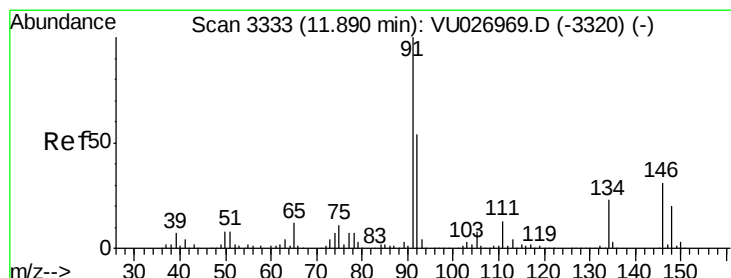
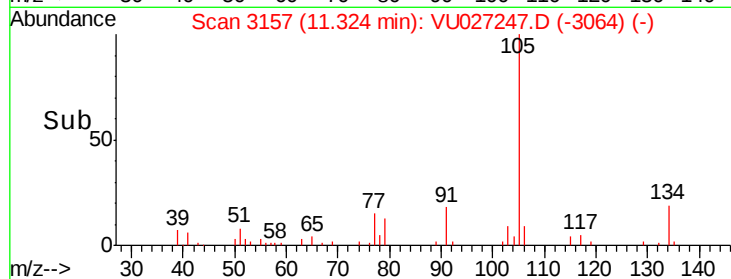
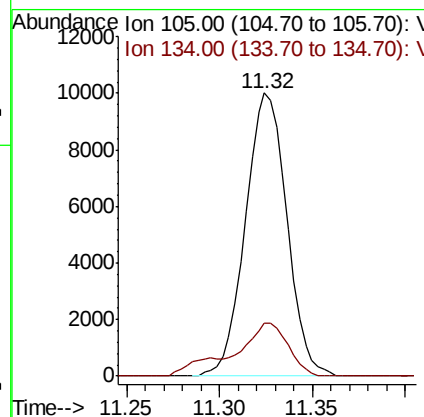
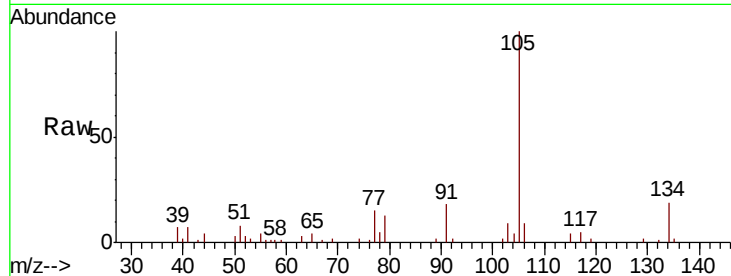
#85
 sec-Butylbenzene
 Concen: 2.788 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.4	28.2

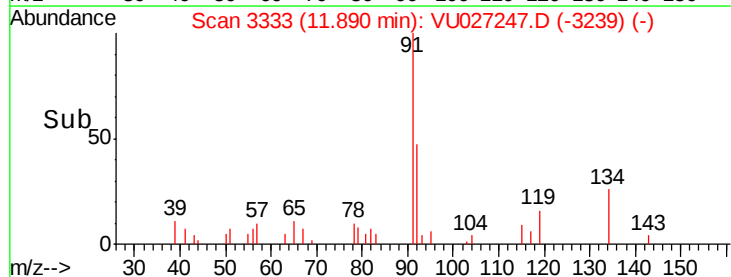
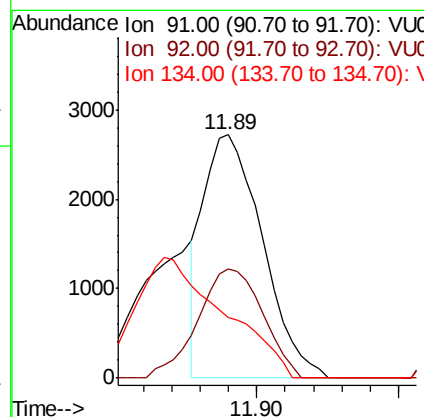
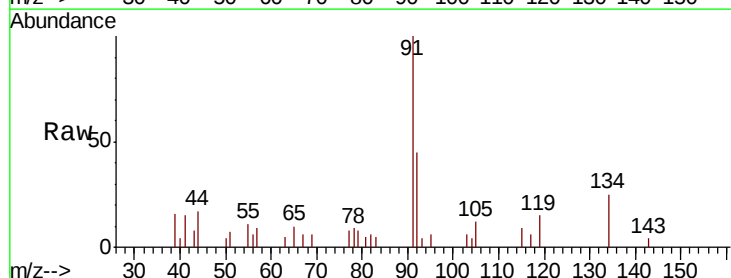
Manual Integrations
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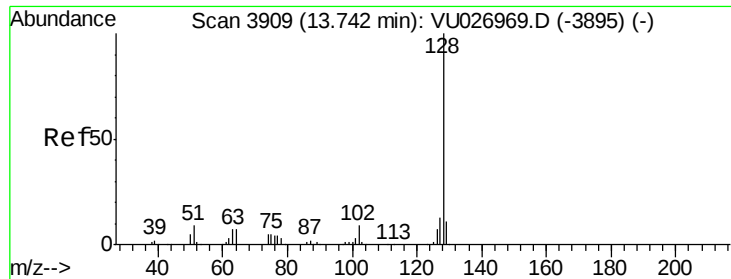
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#89
 n-Butylbenzene
 Concen: 3.123 ug/l m
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.6	27.1	81.2
134	0.0	11.7	35.0#





#95
Naphthalene
Concen: 10.621 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	12.7	8.6	12.8

Manual Integrations
APPROVED

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10/2/2018 1:07:07 PM

