

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034324.D
 Acq On : 06 Sep 2019 12:42
 Operator : JC/SP
 Sample : K4689-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2A

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 10:48:44 AM

Quant Time: Sep 06 13:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	297544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	439828	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	446893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	304653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	237062	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	4.86	113	207723	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	7.55	98	782566	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.29	95	296431	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

					Qvalue
16) Acetone	2.31	43	22159	9.511	ug/l 97
29) Tetrahydrofuran	4.63	42	8470	4.476	ug/l 98
40) Benzene	5.37	78	198002	12.864	ug/l 97
52) Toluene	7.62	92	74377	7.703	ug/l 97
67) Ethyl Benzene	9.23	91	724445	39.079	ug/l 100
68) m/p-Xylenes	9.36	106	333314	47.748	ug/l 99
69) o-Xylene	9.76	106	266020	38.967	ug/l 99
73) Isopropylbenzene	10.15	105	279566	14.101	ug/l 100
78) n-propylbenzene	10.57	91	146976	6.419	ug/l 99
80) 1,3,5-Trimethylbenzene	10.75	105	858616	51.782	ug/l 100
84) 1,2,4-Trimethylbenzene	11.13	105	2585985	154.933	ug/l 100
86) p-Isopropyltoluene	11.46	119	581199	32.155	ug/l 99
95) Naphthalene	13.72	128	26262743m	1194.814	ug/l

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

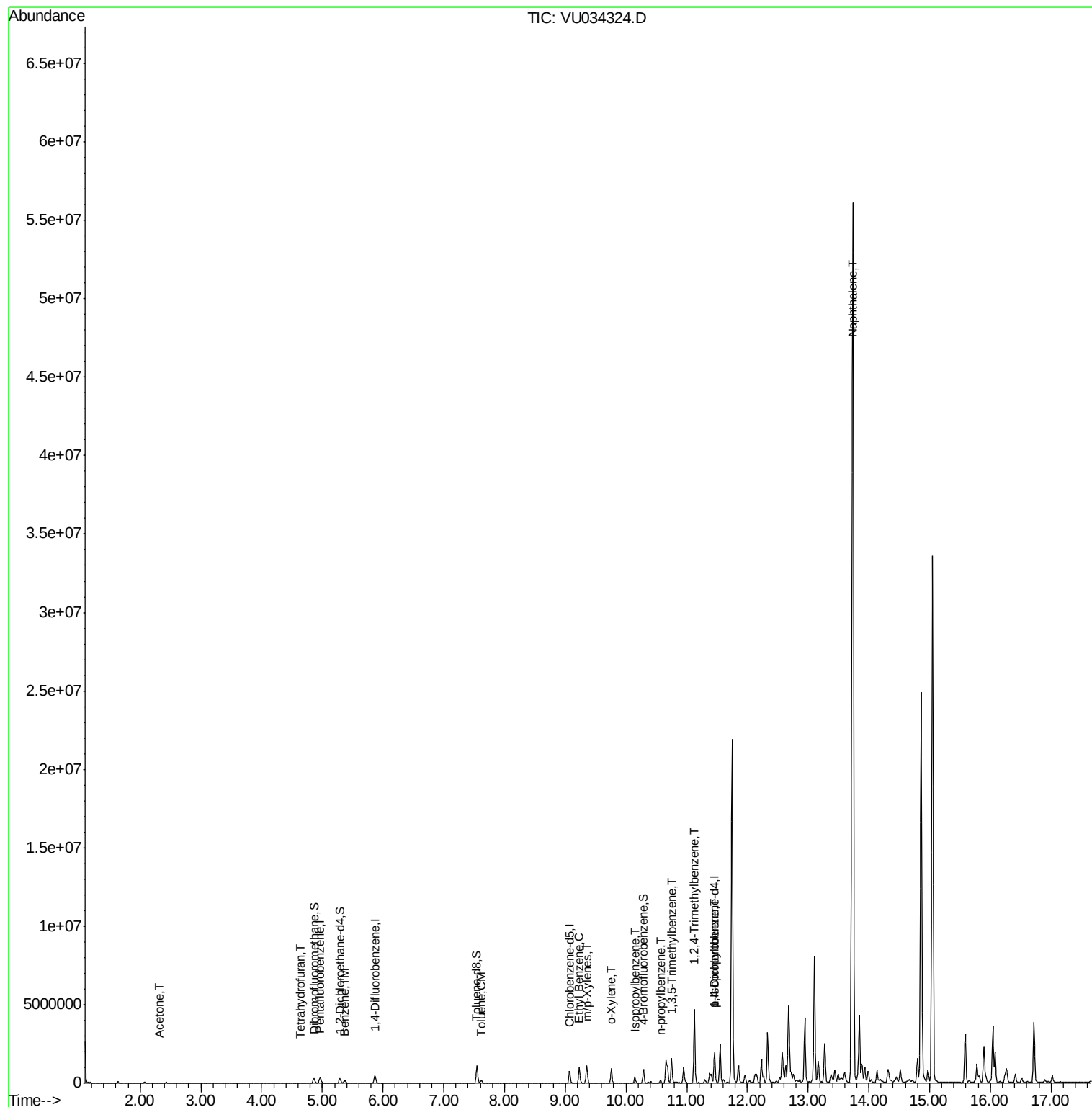
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090719\
Data File : VU034324.D
Acq On : 06 Sep 2019 12:42
Operator : JC/SP
Sample : K4689-02
Misc : 5.0mL/MSVOA U/WATER
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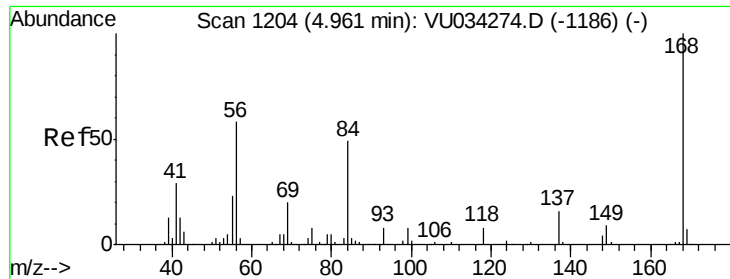
Instrument :
MSVOA_U
ClientSampleId :
MW-2A

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Quant Time: Sep 06 13:51:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034324.D

Acq: 06 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampled :

MW-2A

Tot Ion:168 Resp: 297544

Ion Ratio Lower Upper

168 100

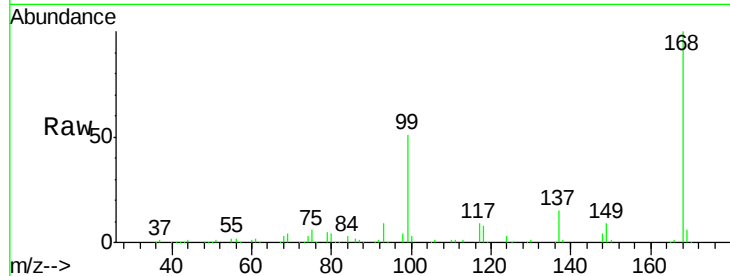
99 50.9 41.6 62.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU034324.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034324.D (-1186) (-)

4.96

150000

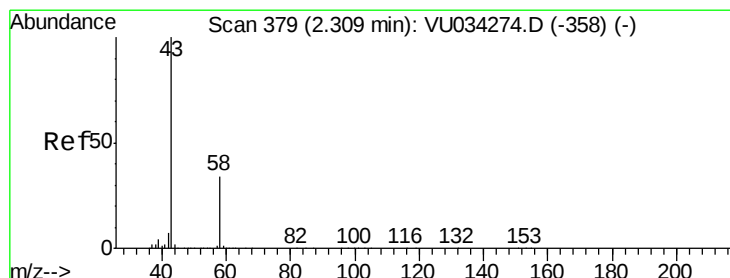
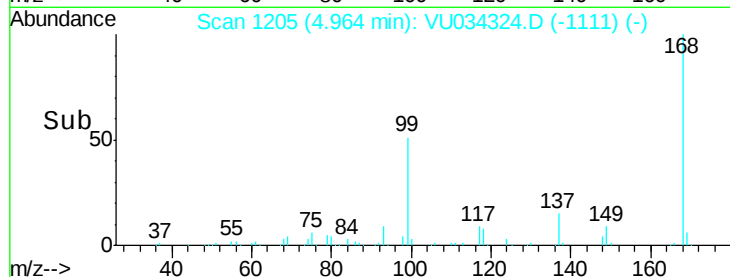
100000

50000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 9.511 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034324.D

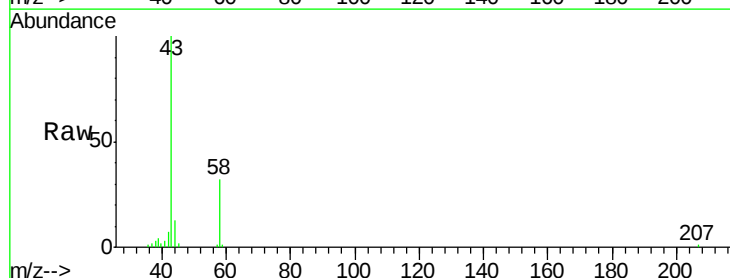
Acq: 06 Sep 2019 12:42

Tgt Ion: 43 Resp: 22159

Ion Ratio Lower Upper

43 100

58 32.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034324.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034324.D (-286) (-)

2.31

15000

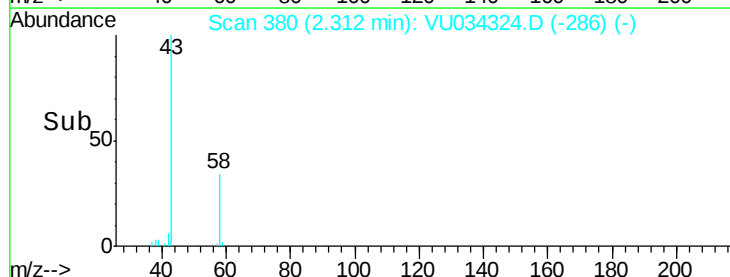
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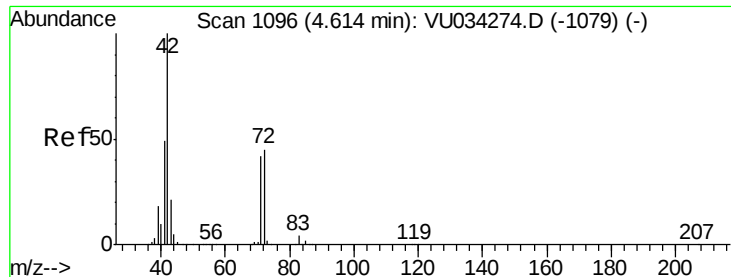
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0

Time-->

2.25 2.30 2.35





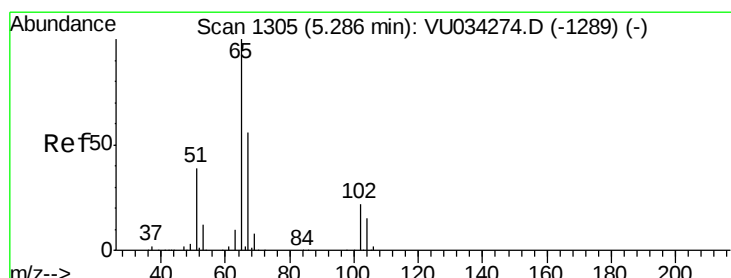
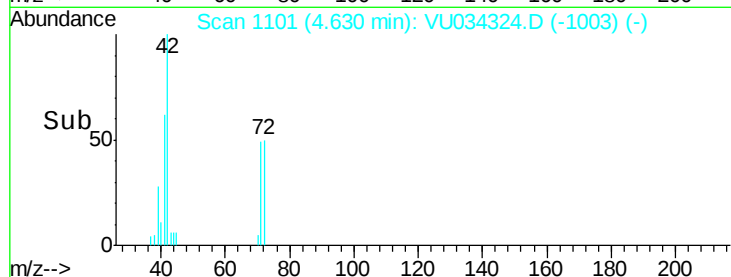
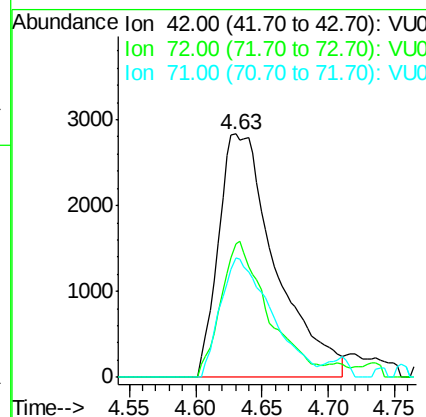
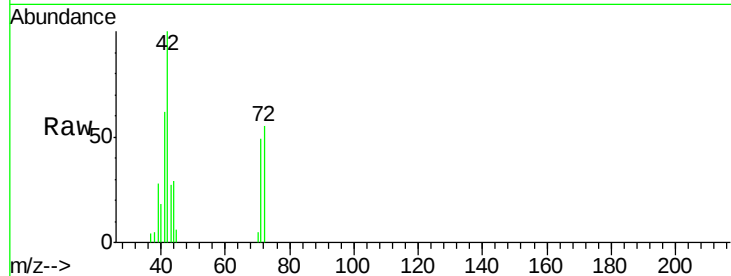
#29
Tetrahydrofuran
Concen: 4.476 ug/l
RT: 4.63 min Scan# 1101
Delta R.T. 0.02 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampled :
MW-2A

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.6	54.8
71	44.0	34.3	51.5

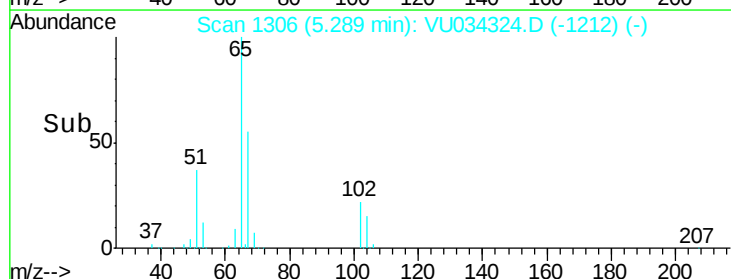
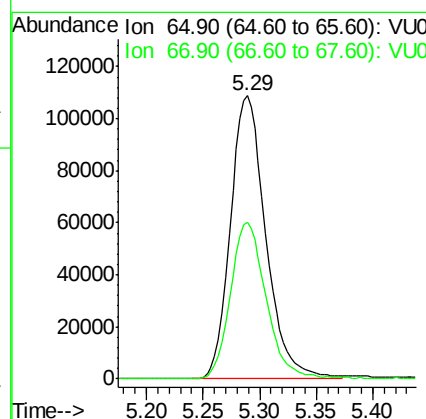
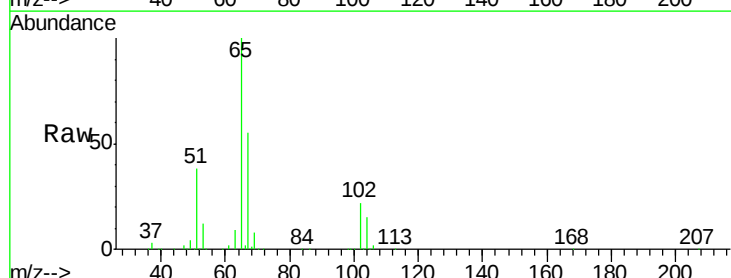
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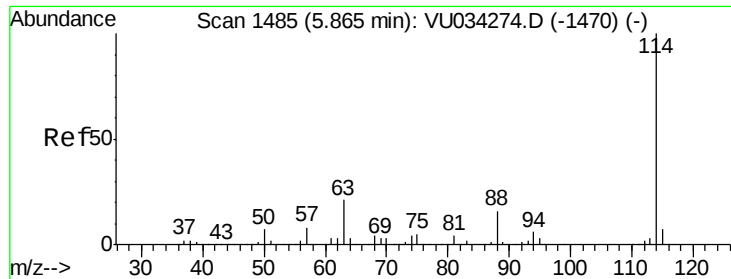
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#33
1,2-Dichloroethane-d4
Concen: 52.658 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	112.4





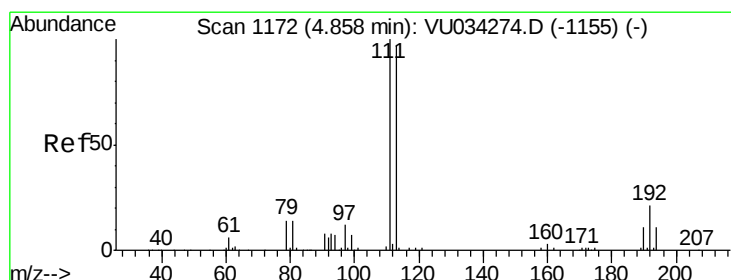
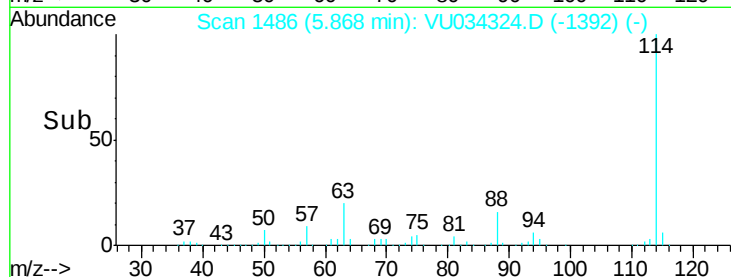
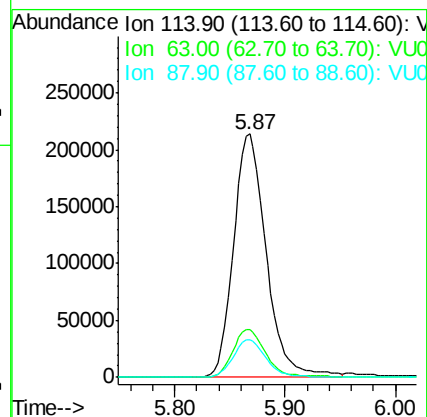
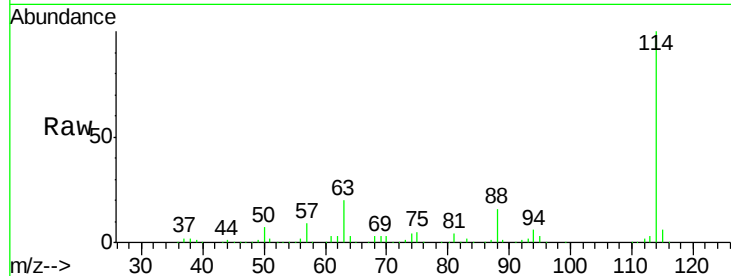
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034324.D
 Acq: 06 Sep 2019 12:42

Instrument :
 MSVOA_U
 ClientSampled :
 MW-2A

Tot Ion	Ratio	Resp	Lower	Upper
114	100	439828		
63	19.7		0.0	42.4
88	15.7		0.0	32.4

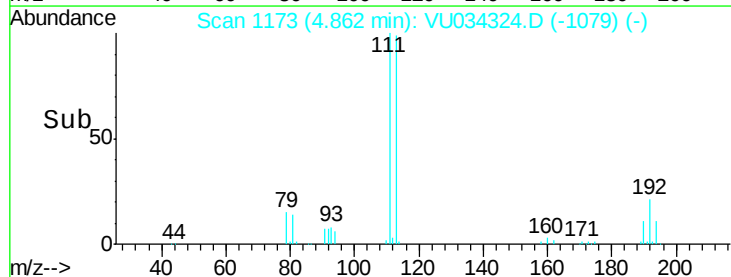
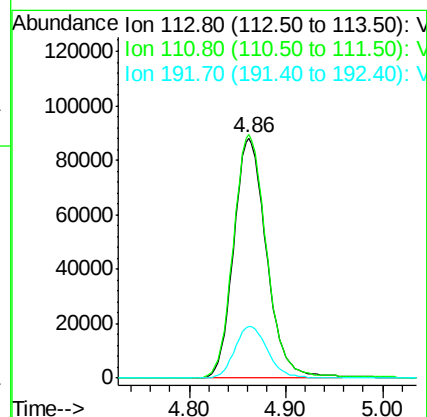
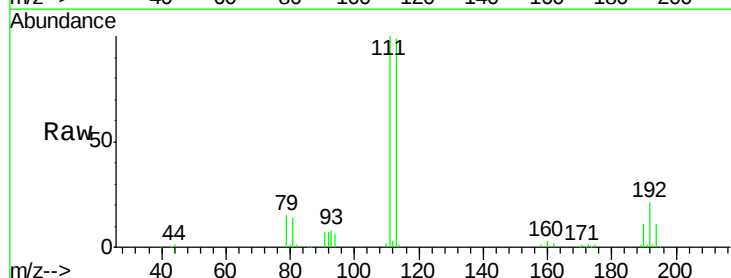
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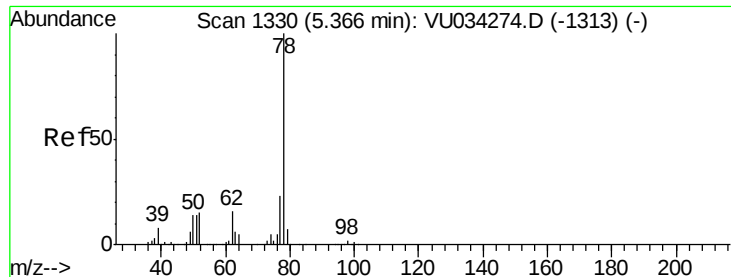
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#35
 Dibromofluoromethane
 Concen: 50.756 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034324.D
 Acq: 06 Sep 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	207723		
111	101.9		81.5	122.3
192	21.4		17.8	26.8





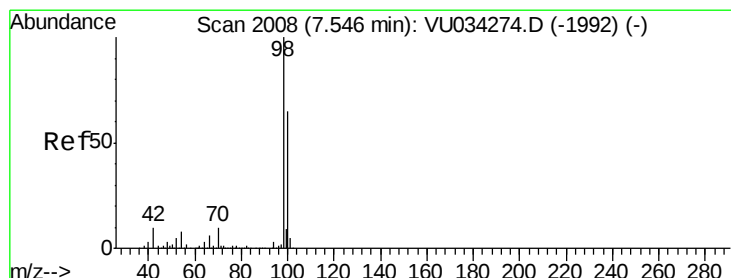
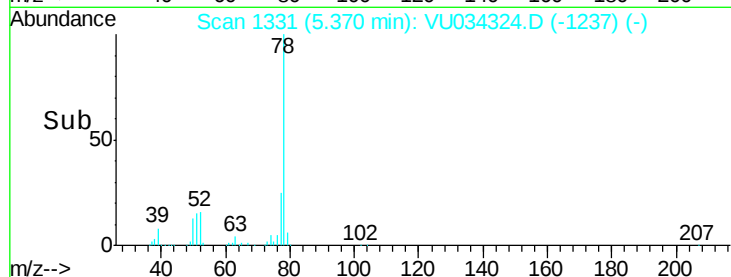
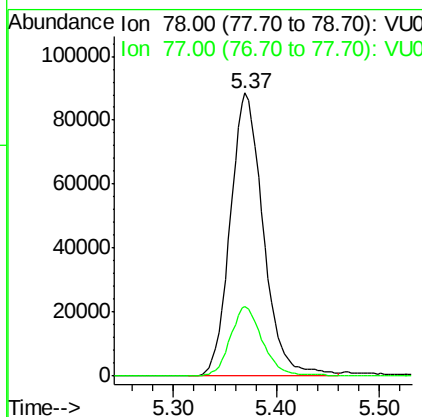
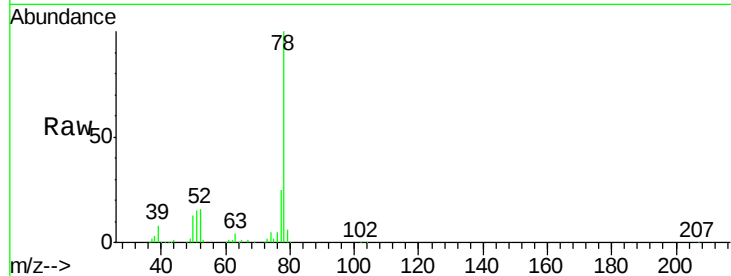
#40
Benzene
Concen: 12.864 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
MW-2A

Tot Ion	78	Resp	198002
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.7	28.1

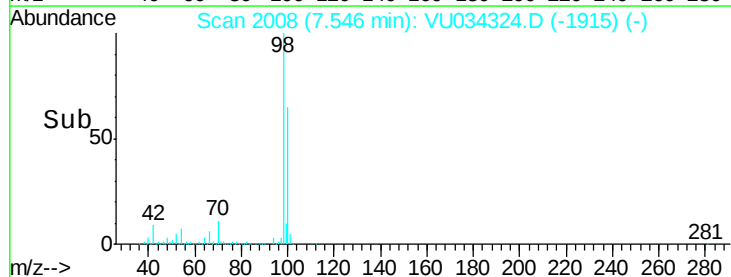
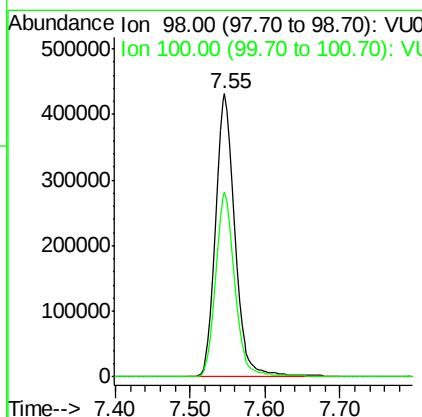
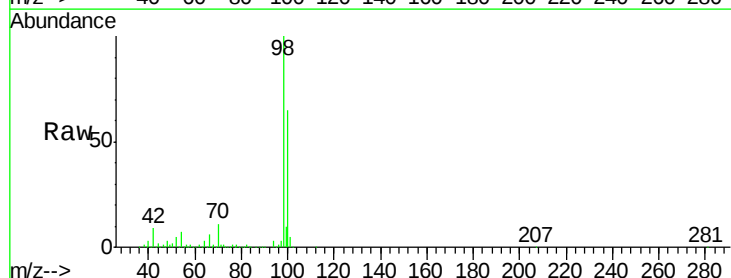
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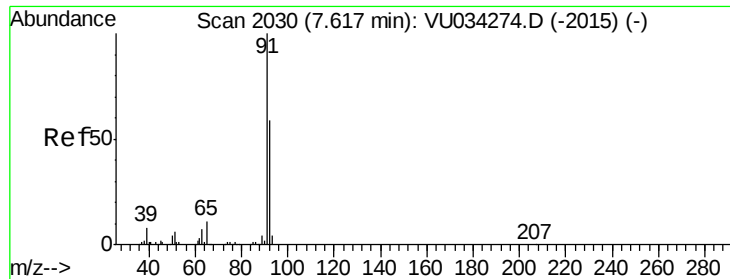
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#50
Toluene-d8
Concen: 50.895 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Tgt Ion	98	Resp	782566
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.7	77.5





#52

Toluene

Concen: 7.703 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU034324.D

Acq: 06 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

MW-2A

Tot Ion: 92 Resp: 74377

Ion Ratio Lower Upper

92 100

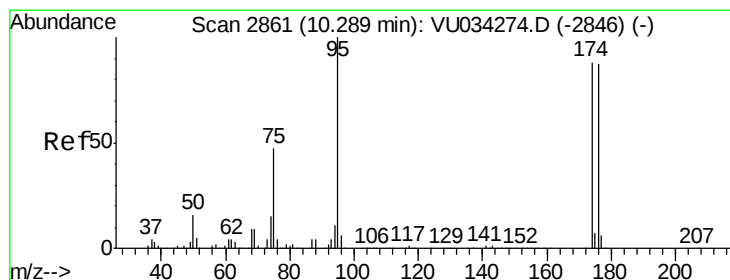
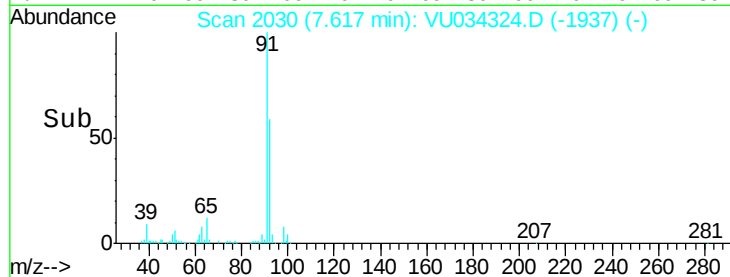
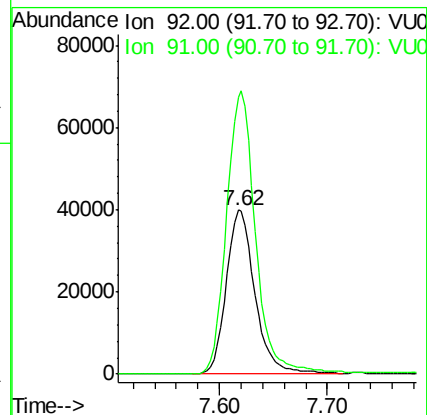
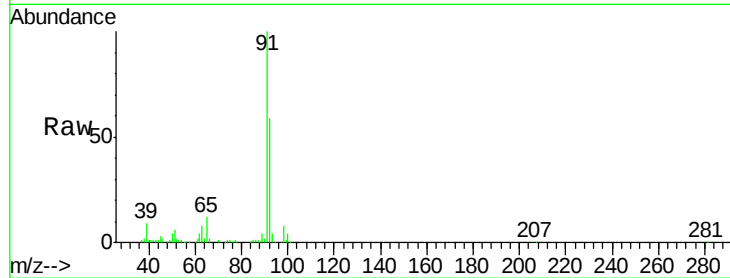
91 174.4 136.6 205.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.933 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034324.D

Acq: 06 Sep 2019 12:42

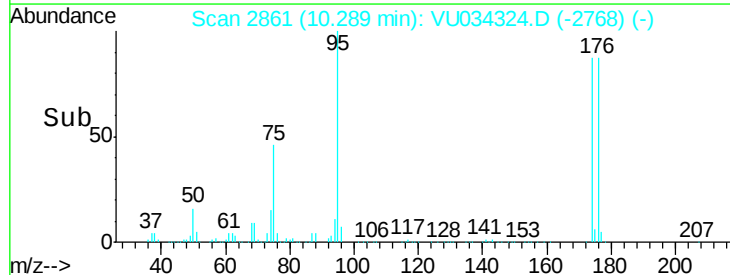
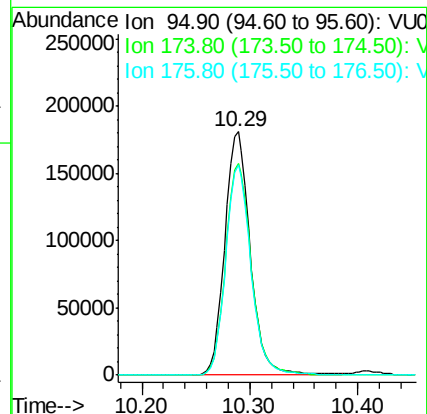
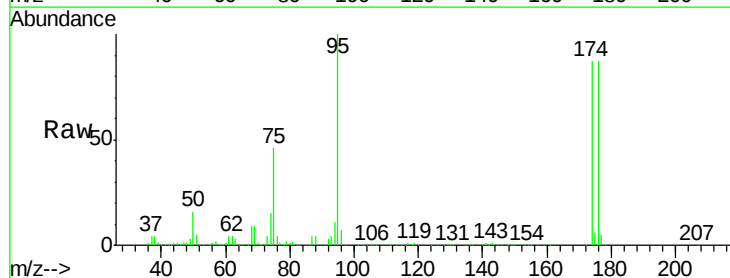
Tgt Ion: 95 Resp: 296431

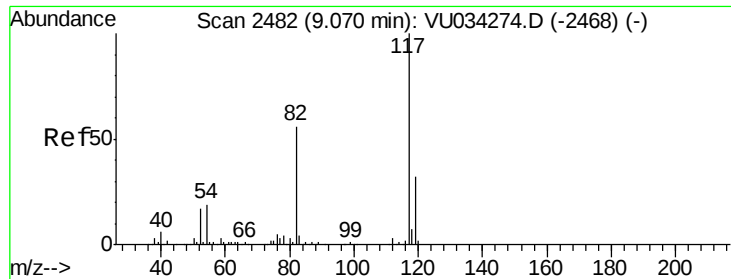
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.2

176 85.6 0.0 168.0





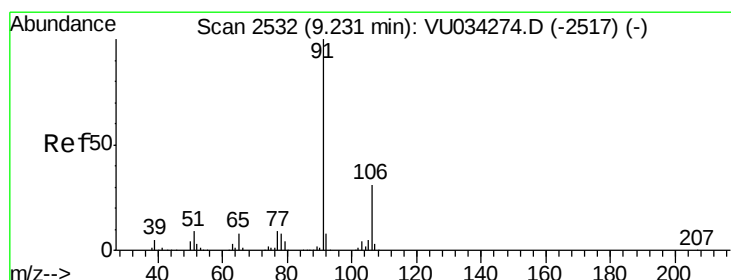
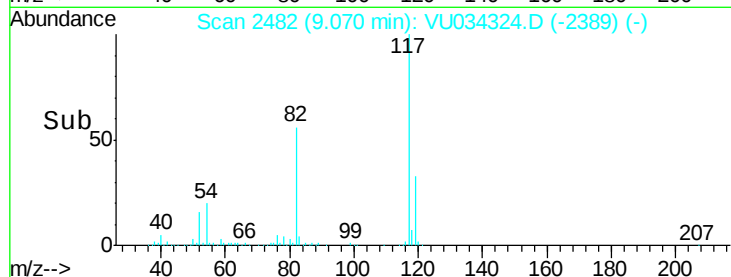
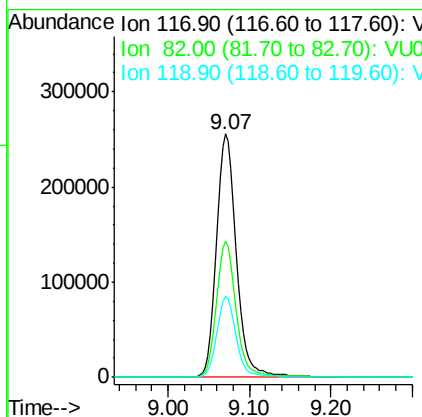
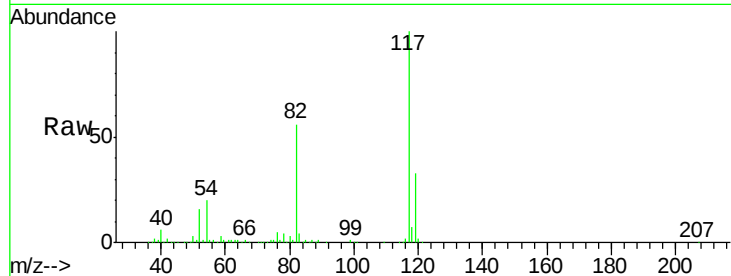
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
MW-2A

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	33.1	25.9	38.9

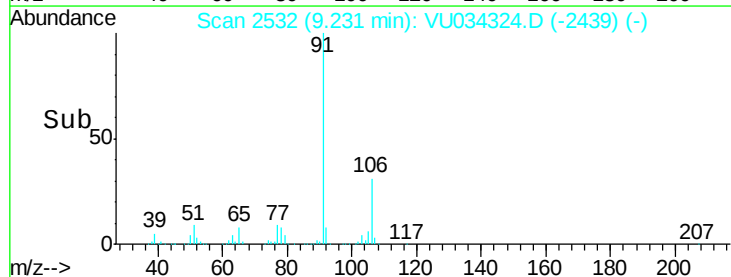
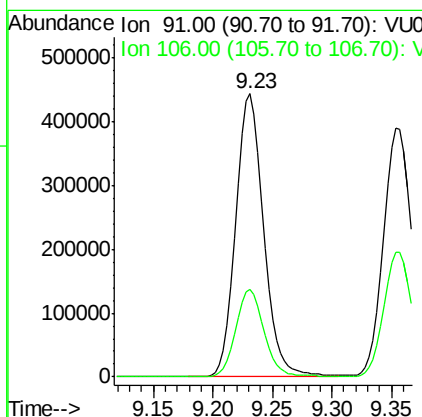
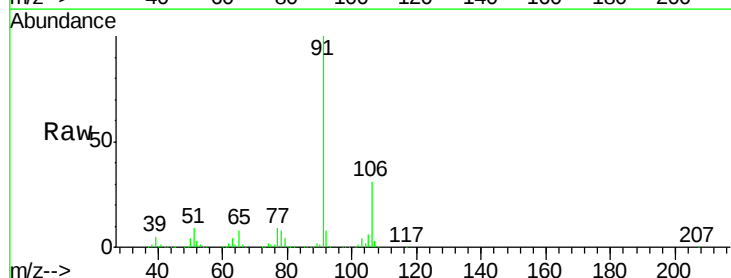
Manual Integrations
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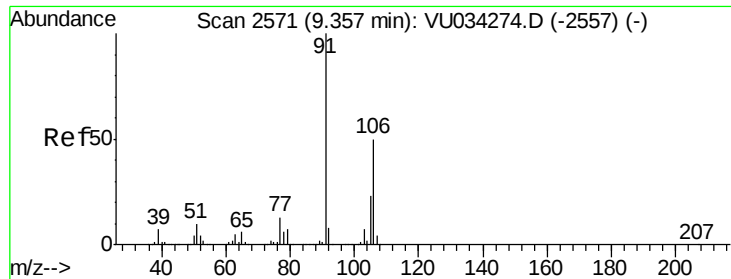
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#67
Ethyl Benzene
Concen: 39.079 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.8	37.2





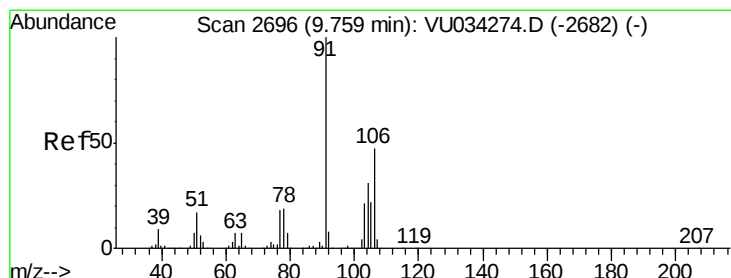
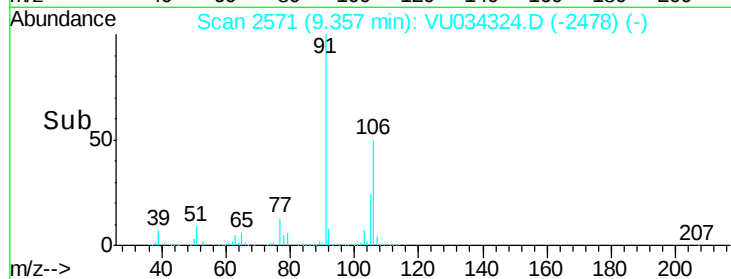
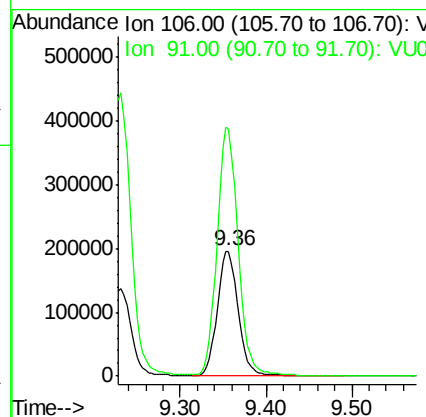
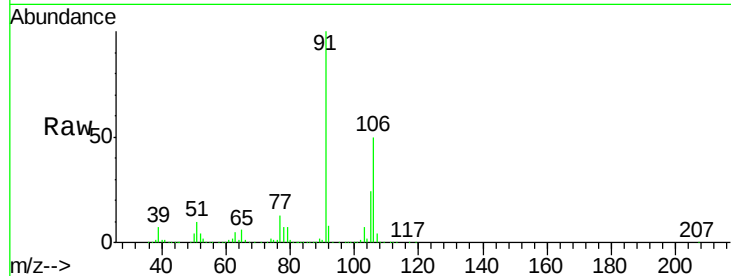
#68
m/p-Xylenes
Concen: 47.748 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampled :
MW-2A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		333314		
91	201.2	160.1	240.1		

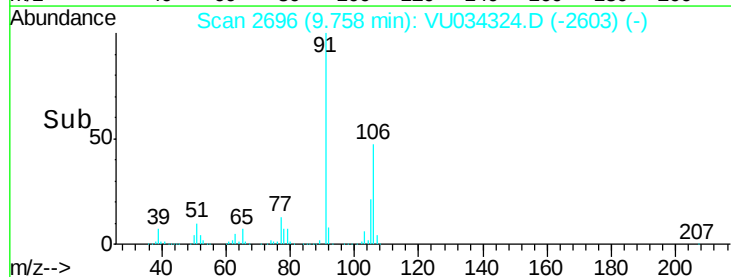
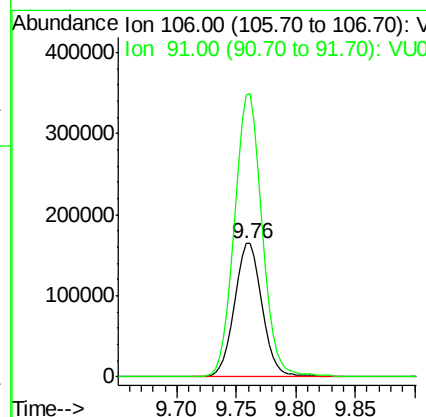
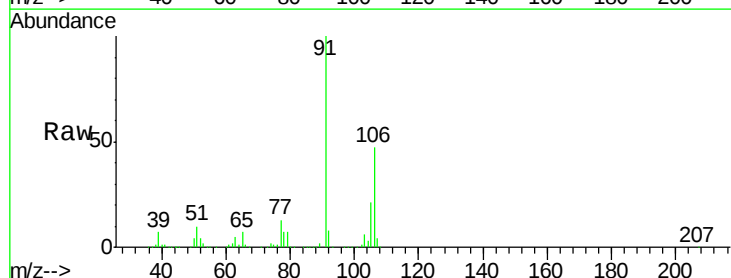
Manual Integrations
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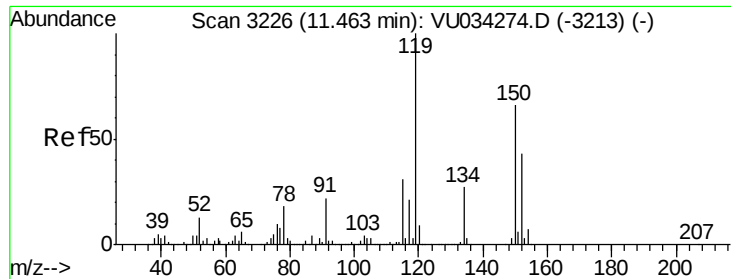
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9/10/2019 10:48:44 AM



#69
o-Xylene
Concen: 38.967 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		266020		
91	212.0	105.1	315.3		





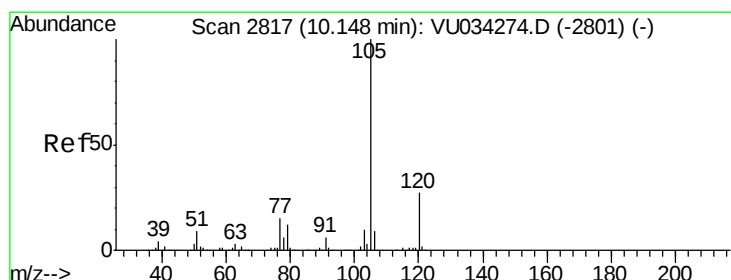
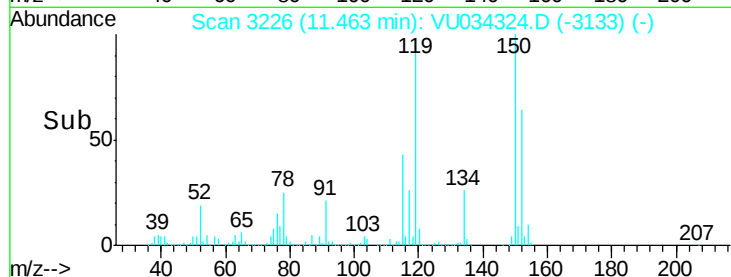
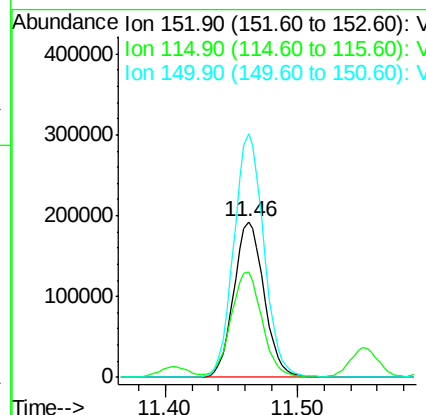
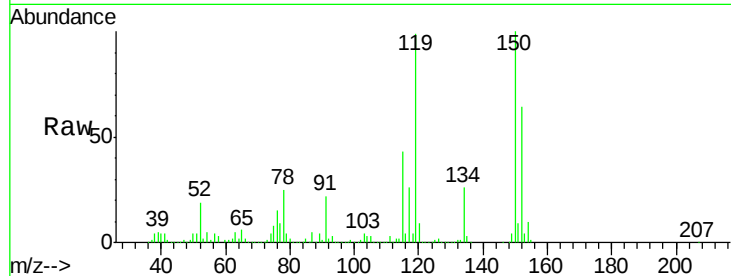
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: VU034324.D
 Acq: 06 Sep 2019 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2A

Tot Ion	Ratio	Resp	Lower	Upper
152	100	304653		
115	68.8	39.1	117.3	
150	156.0	0.0	345.4	

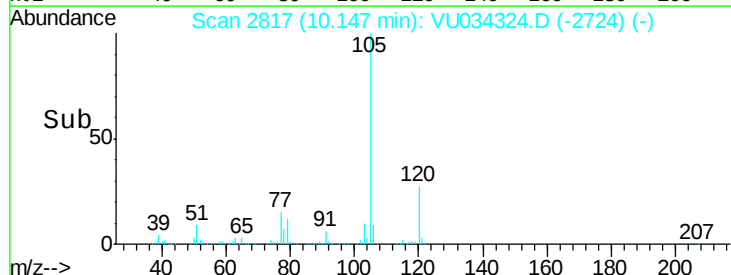
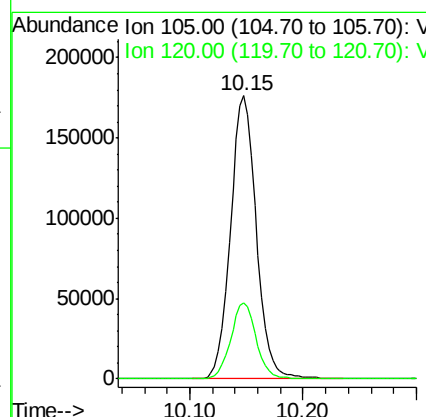
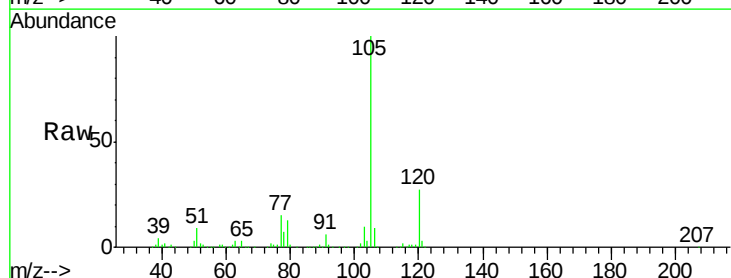
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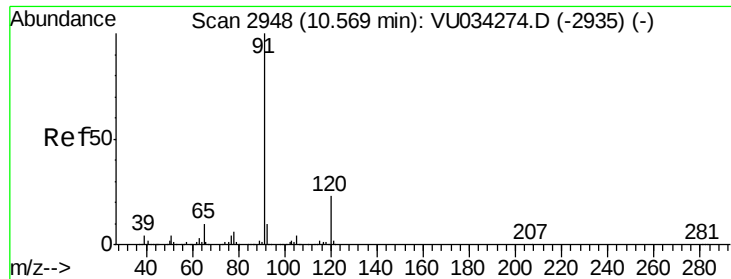
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 9/10/2019 10:48:44 AM



#73
 Isopropylbenzene
 Concen: 14.101 ug/l
 RT: 10.15 min Scan# 2817
 Delta R.T. -0.00 min
 Lab File: VU034324.D
 Acq: 06 Sep 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279566		
120	26.5	13.4	40.2	





#78

n-propylbenzene

Concen: 6.419 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034324.D

Acq: 06 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampled :

MW-2A

Tot Ion: 91 Resp: 146976

Ion Ratio Lower Upper

91 100

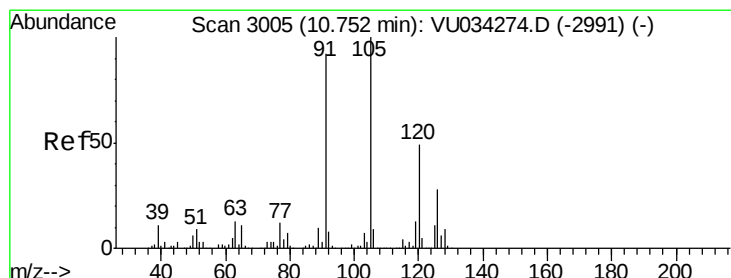
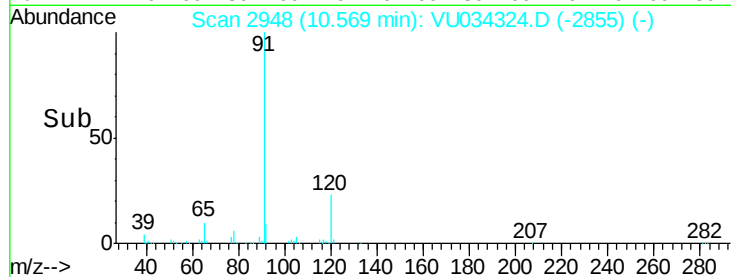
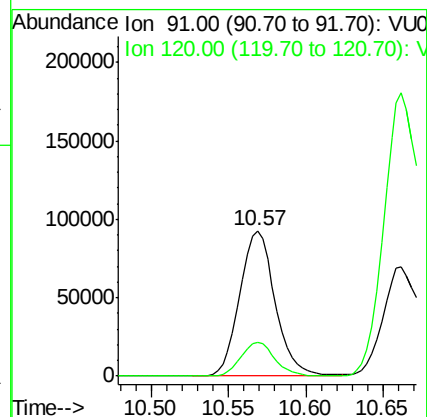
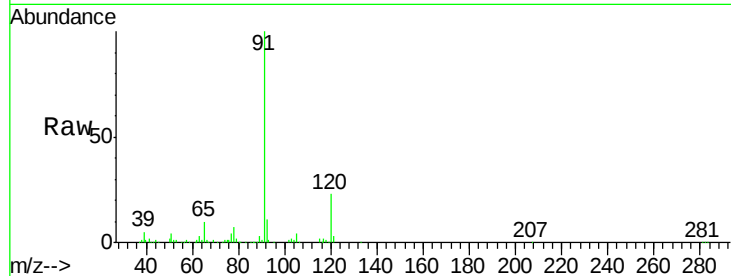
120 22.7 11.7 35.0

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#80

1,3,5-Trimethylbenzene

Concen: 51.782 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034324.D

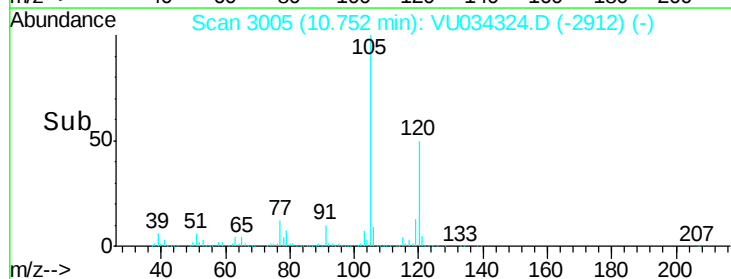
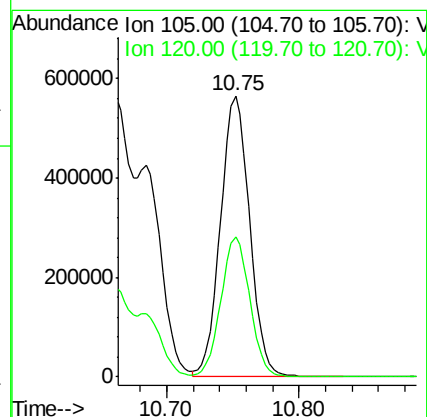
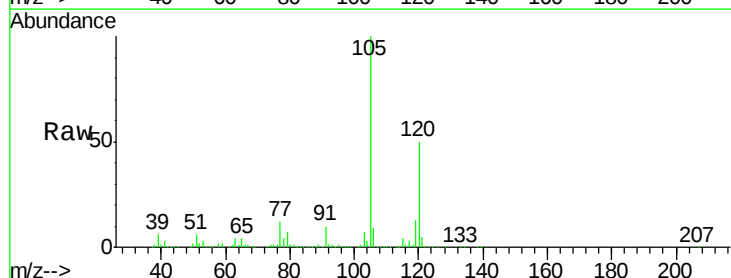
Acq: 06 Sep 2019 12:42

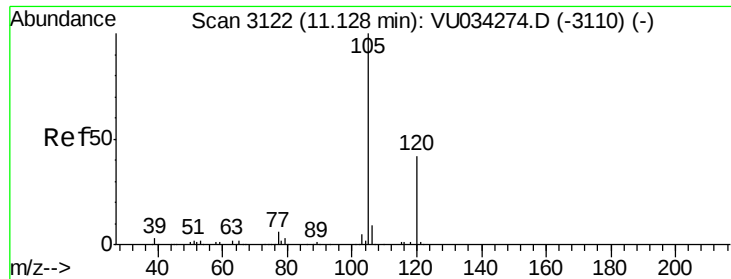
Tgt Ion: 105 Resp: 858616

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7





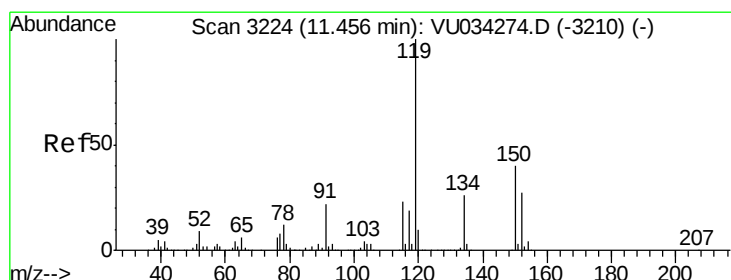
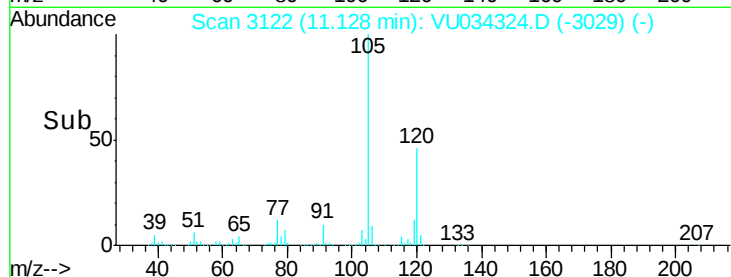
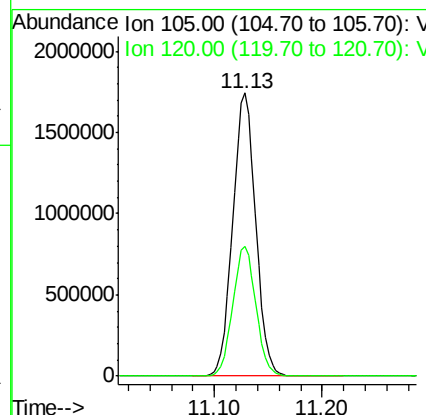
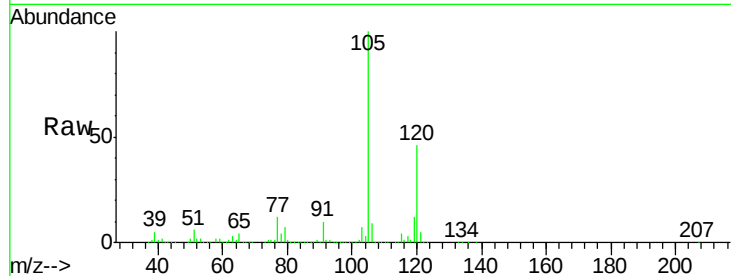
#84
 1,2,4-Trimethylbenzene
 Concen: 154.933 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034324.D
 Acq: 06 Sep 2019 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2A

Tot Ion:105 Resp: 2585985
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8

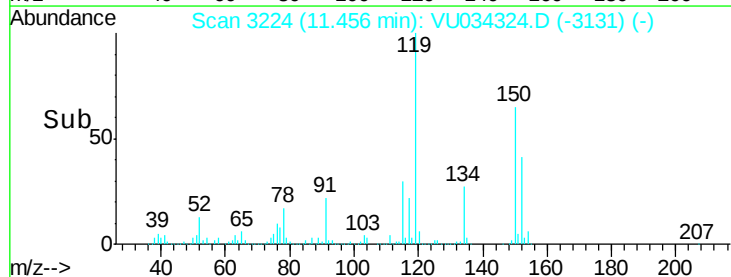
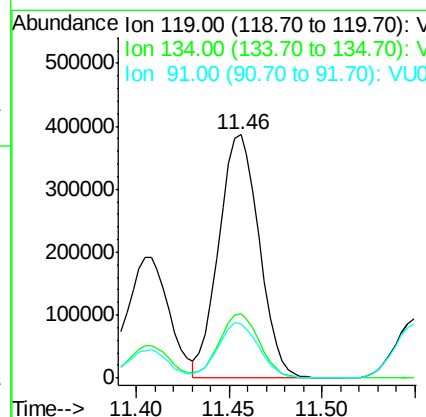
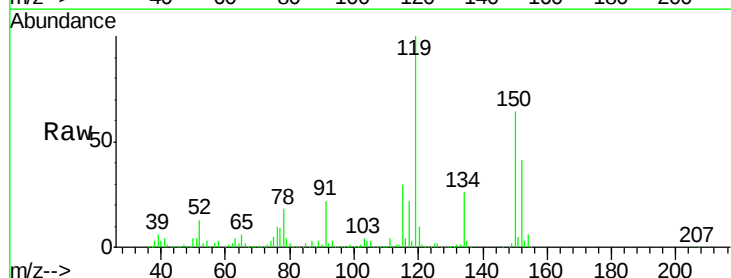
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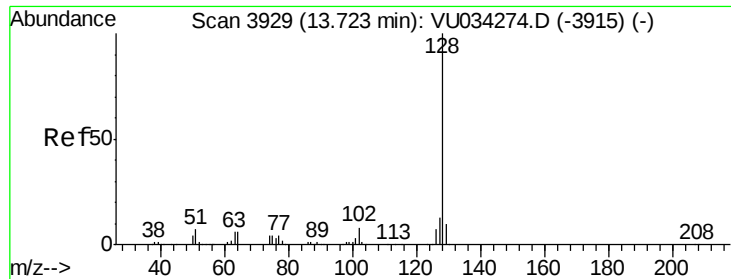
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#86
 p-Isopropyltoluene
 Concen: 32.155 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: VU034324.D
 Acq: 06 Sep 2019 12:42

Tgt Ion:119 Resp: 581199
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.0 11.2 33.6





#95
Naphthalene
Concen: 1194.814 ug/l m
RT: 13.72 min Scan# 3927
Delta R.T. -0.01 min
Lab File: VU034324.D
Acq: 06 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
MW-2A

Tot Ion:128 Resp:26262743
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.4 12.6#

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