

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034101.D
 Acq On : 30 Aug 2019 16:17
 Operator : JC/SP
 Sample : K4498-05ME
 Misc : 5.10g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BOTTOM-4ME

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 11:24:48 AM

Quant Time: Aug 31 04:09:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	494944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	804424	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.08	117	799518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	419002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	313600	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	4.86	113	254713	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
50) Toluene-d8	7.55	98	1033681	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	10.30	95	406806	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	6.39	83	87122	9.715	ug/l	98
67) Ethyl Benzene	9.24	91	103605	3.715	ug/l	99
68) m/p-Xylenes	9.36	106	44211	4.169	ug/l	97
73) Isopropylbenzene	10.15	105	134360	4.774	ug/l	99
78) n-propylbenzene	10.57	91	290803	8.872	ug/l	100
80) 1,3,5-Trimethylbenzene	10.76	105	53061	2.224	ug/l	98
84) 1,2,4-Trimethylbenzene	11.13	105	237278	10.017	ug/l	100
85) sec-Butylbenzene	11.31	105	212955	7.566	ug/l	99
86) p-Isopropyltoluene	11.46	119	121730	4.782	ug/l	99
89) n-Butylbenzene	11.87	91	215038m	9.582	ug/l	
95) Naphthalene	13.73	128	3336187	124.786	ug/l	98

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

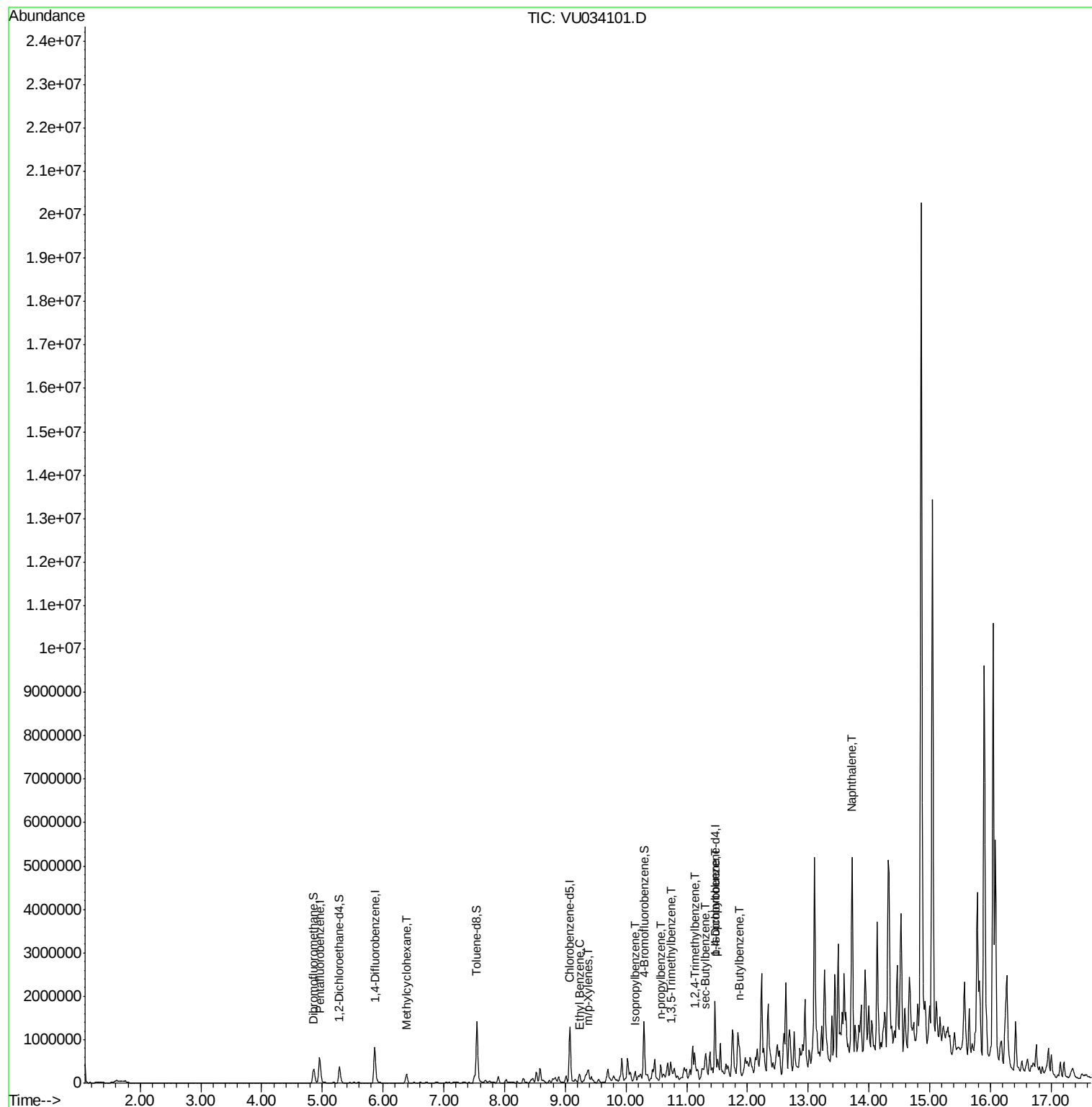
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083119\
Data File : VU034101.D
Acq On : 30 Aug 2019 16:17
Operator : JC/SP
Sample : K4498-05ME
Misc : 5.10g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

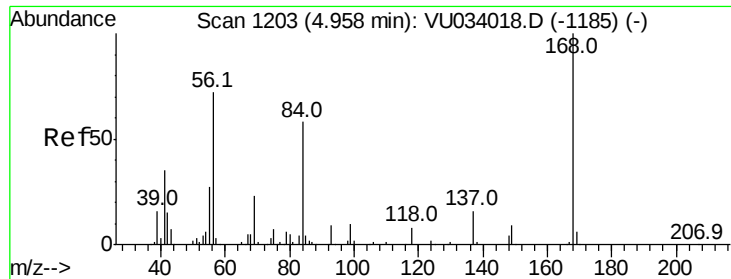
Instrument :
MSVOA_U
ClientSampleId :
BOTTOM-4ME

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Quant Time: Aug 31 04:09:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

BOTTOM-4ME

Tot Ion:168 Resp: 494944

Ion Ratio Lower Upper

168 100

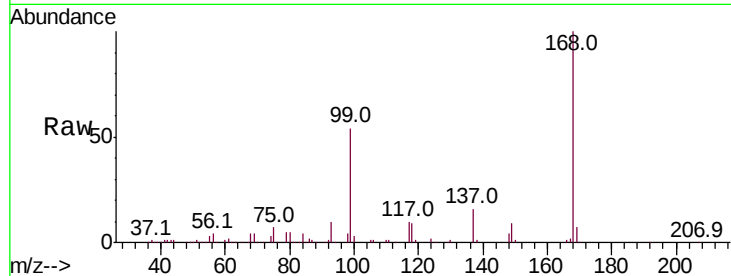
99 54.1 42.3 63.5

Manual Integrations

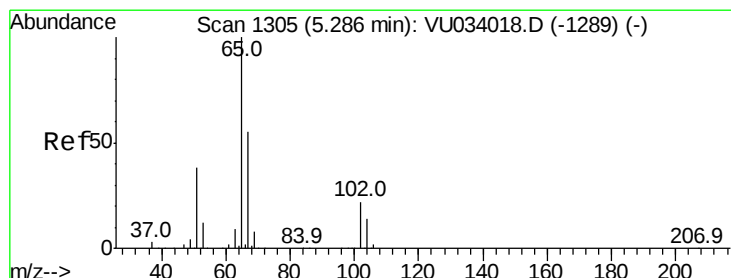
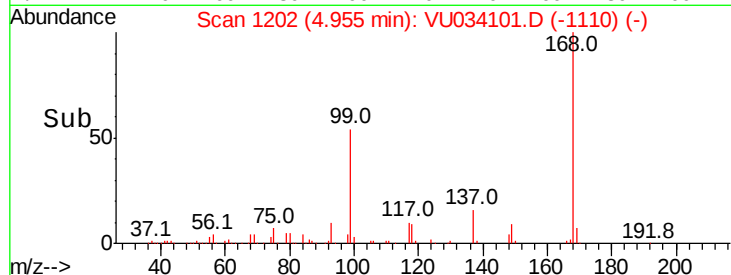
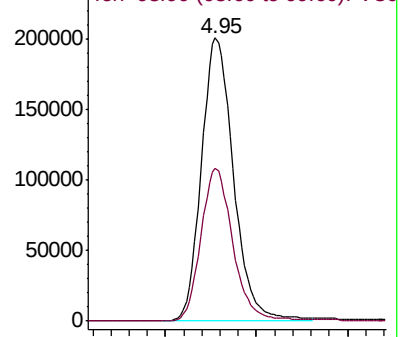
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Abundance Ion 167.90 (167.60 to 168.60): VU034101.D (-1110) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.449 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU034101.D

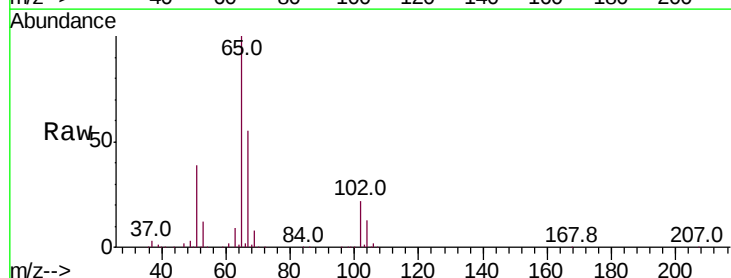
Acq: 30 Aug 2019 16:17

Tgt Ion: 65 Resp: 313600

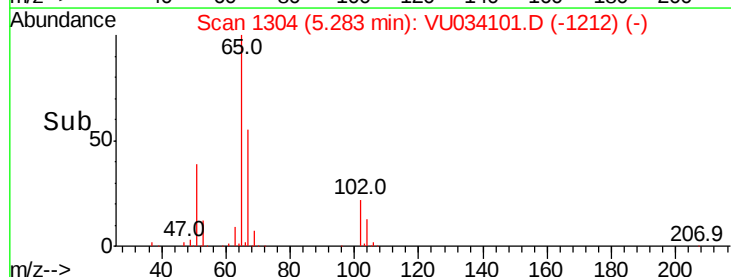
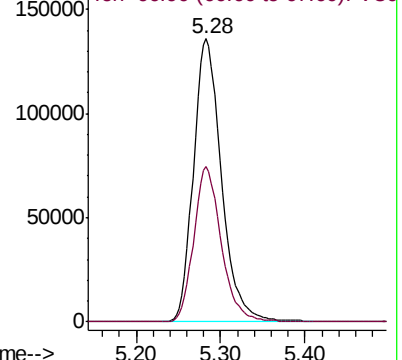
Ion Ratio Lower Upper

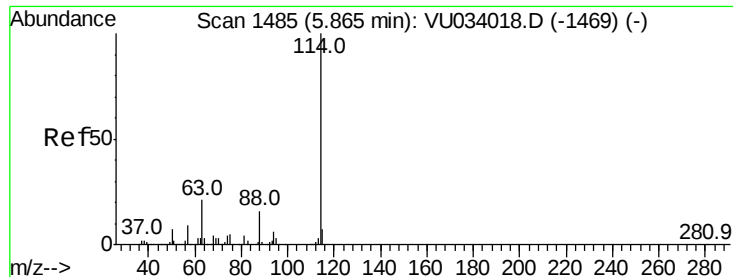
65 100

67 53.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034101.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Instrument :

MSVOA_U

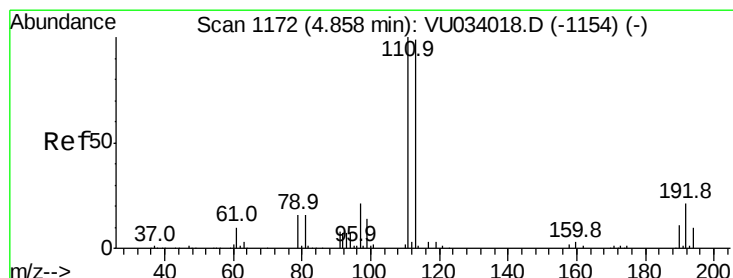
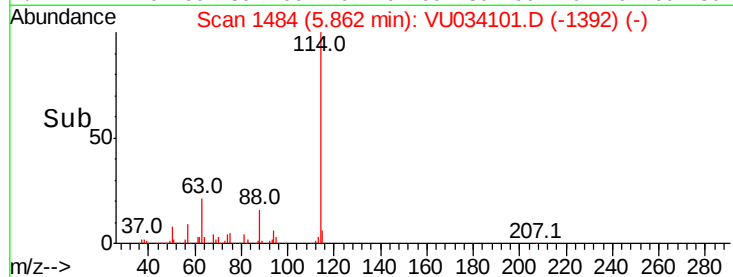
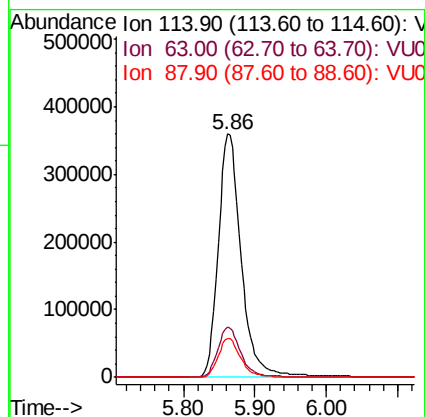
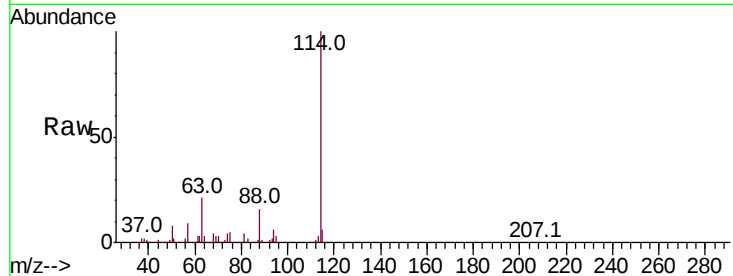
ClientSampleId :

BOTTOM-4ME

Tot Ion:	114	Resp:	804424
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	42.0
88	16.0	0.0	32.0

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#35

Dibromofluoromethane

Concen: 45.652 ug/l

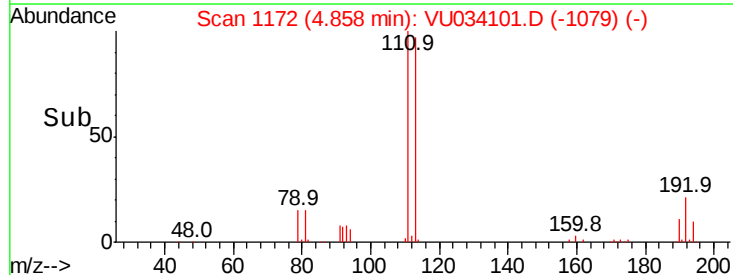
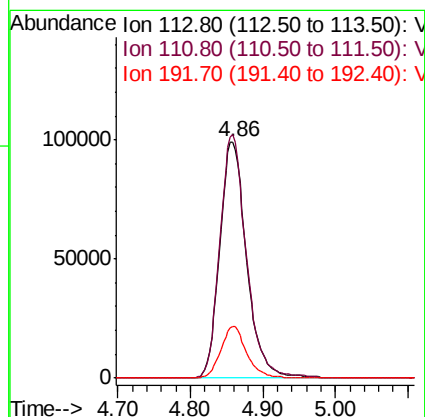
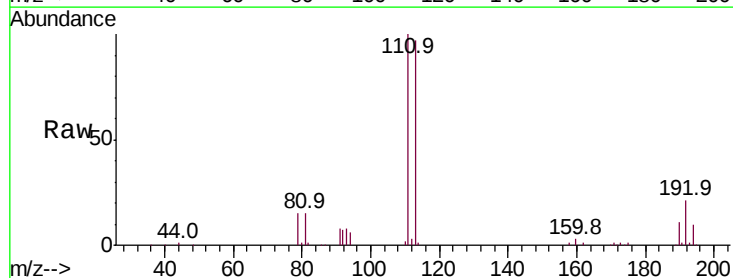
RT: 4.86 min Scan# 1172

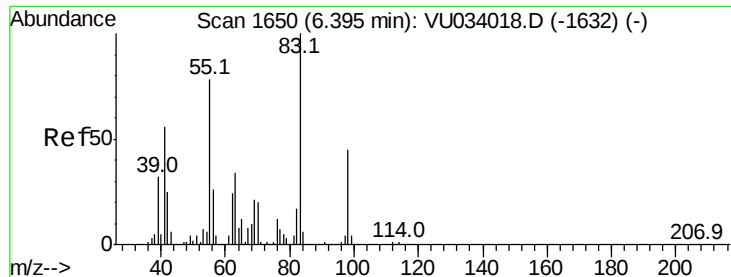
Delta R.T. 0.00 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Tgt Ion:	113	Resp:	254713
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.7	122.5
192	21.1	17.1	25.7





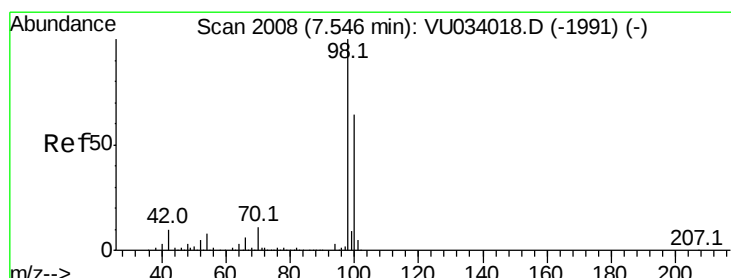
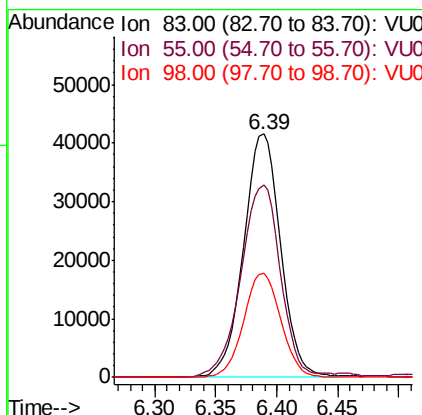
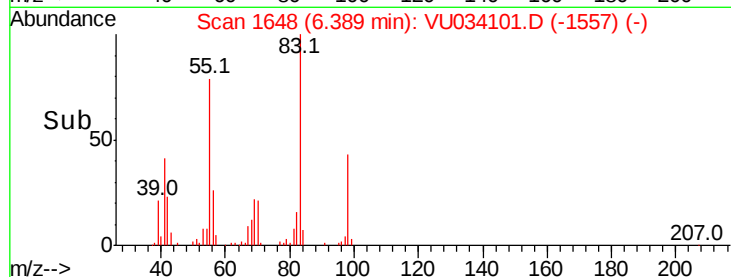
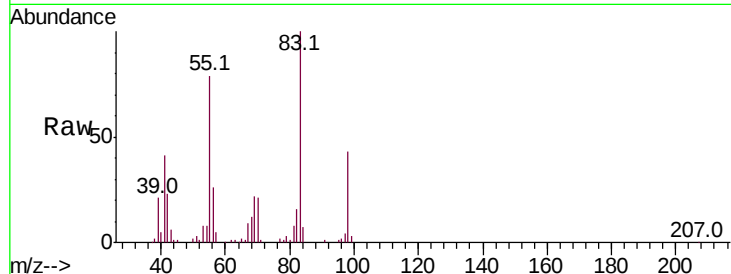
#39
Methvlcvclohexane
Concen: 9.715 ug/l
RT: 6.39 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Instrument :
MSVOA_U
ClientSampleId :
BOTTOM-4ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.3	93.5
98	42.7	36.2	54.2

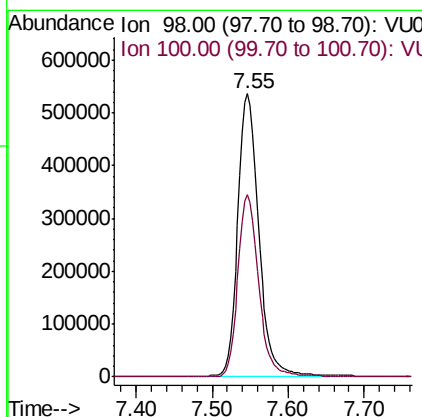
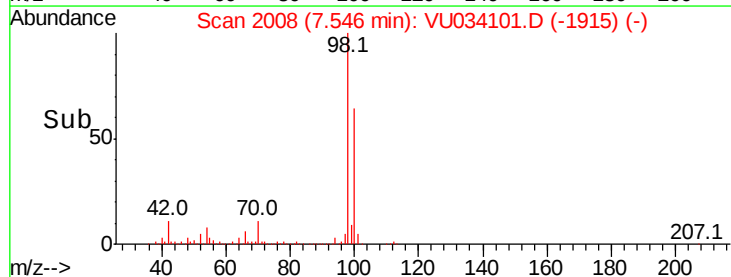
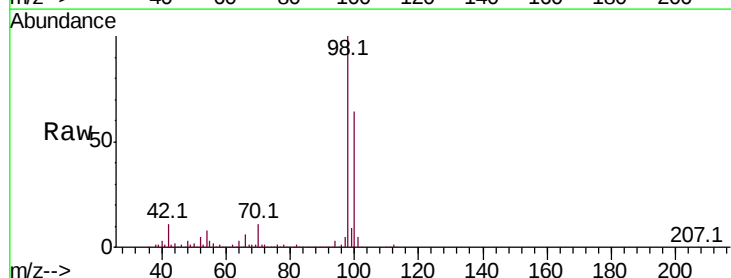
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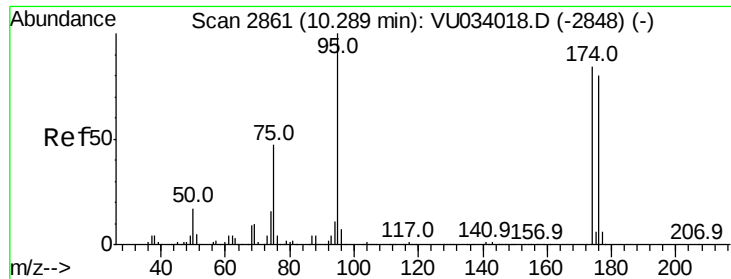
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#50
Toluene-d8
Concen: 49.479 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.3	75.5





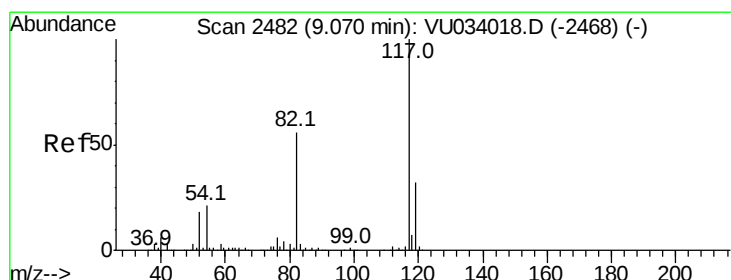
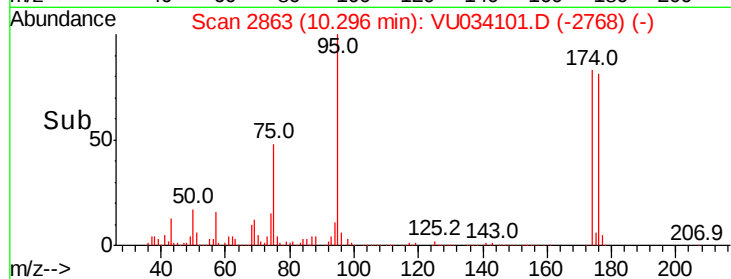
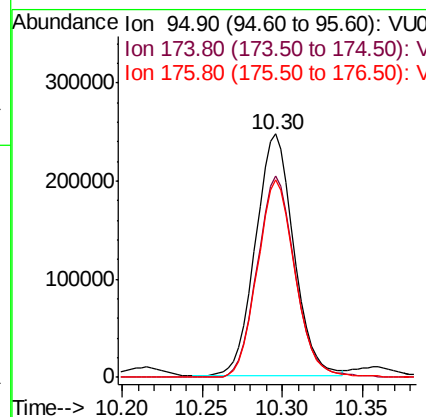
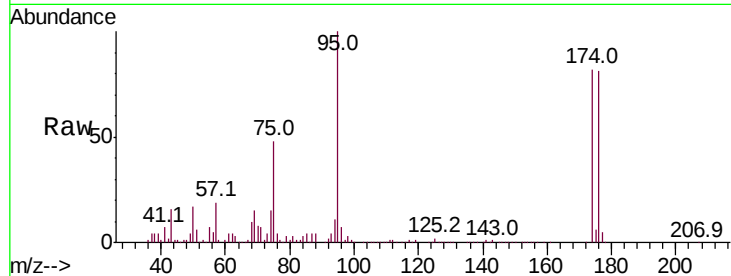
#62
4-Bromofluorobenzene
Concen: 50.059 ug/l
RT: 10.30 min Scan# 2863
Delta R.T. 0.01 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Instrument :
MSVOA_U
ClientSampleId :
BOTTOM-4ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	82.0	0.0	168.8	
176	80.7	0.0	161.8	

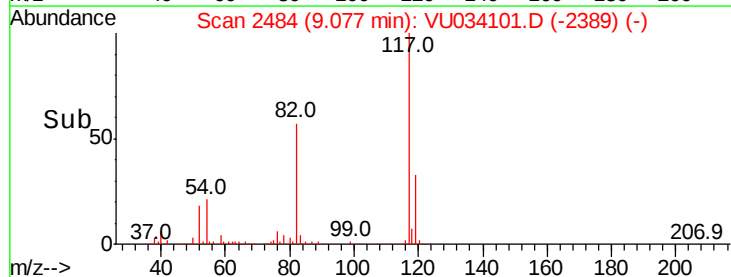
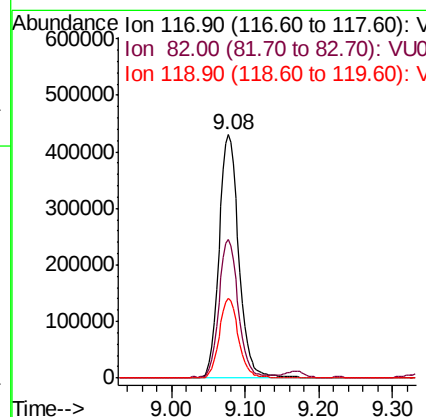
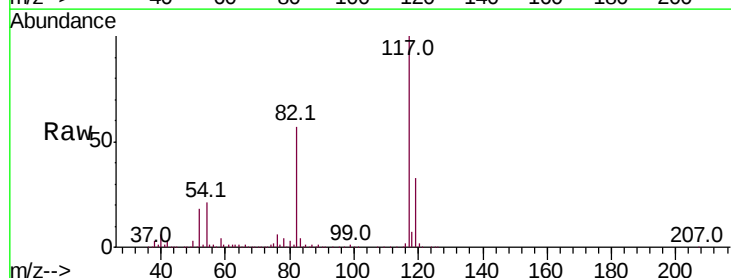
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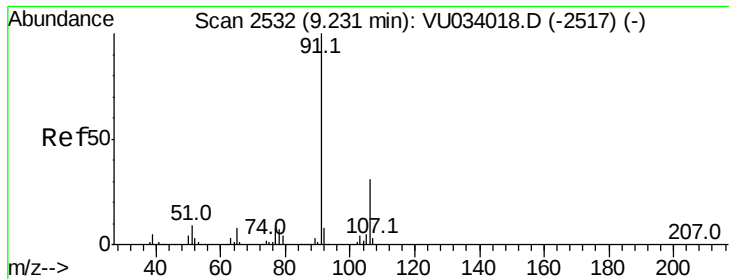
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.08 min Scan# 2484
Delta R.T. 0.01 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	56.7	45.1	67.7	
119	32.6	25.4	38.0	





#67

Ethyl Benzene

Concen: 3.715 ug/l

RT: 9.24 min Scan# 2534

Delta R.T. 0.01 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

BOTTOM-4ME

Tot Ion: 91 Resp: 103605

Ion Ratio Lower Upper

91 100

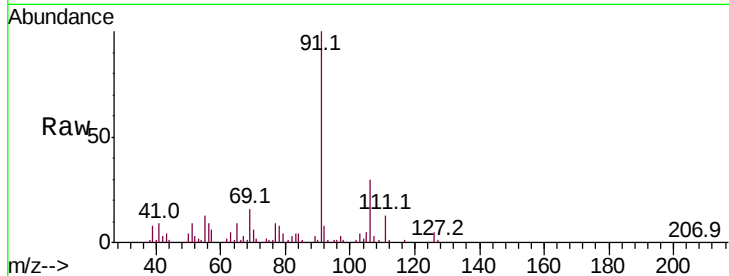
106 30.3 24.9 37.3

Manual Integrations

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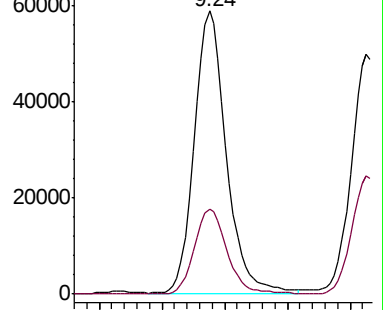
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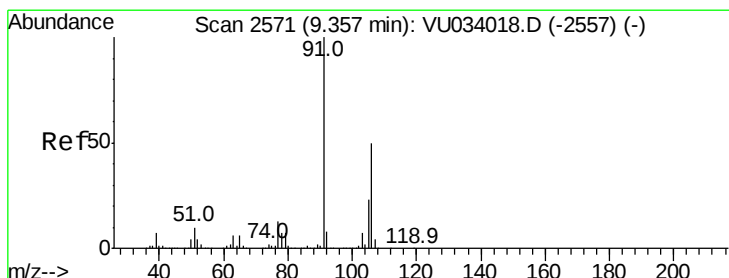
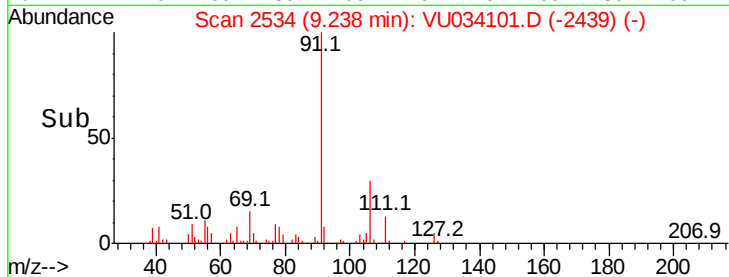


Abundance Ion 91.00 (90.70 to 91.70): VU034101.D (-2439) (-)

Ion 106.00 (105.70 to 106.70): VU034101.D (-2439) (-)



Time-->



#68

m/p-Xylenes

Concen: 4.169 ug/l

RT: 9.36 min Scan# 2573

Delta R.T. 0.01 min

Lab File: VU034101.D

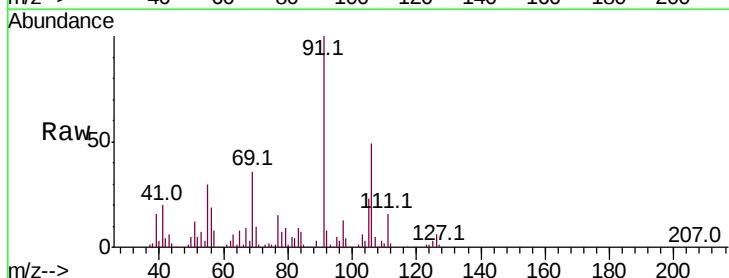
Acq: 30 Aug 2019 16:17

Tgt Ion: 106 Resp: 44211

Ion Ratio Lower Upper

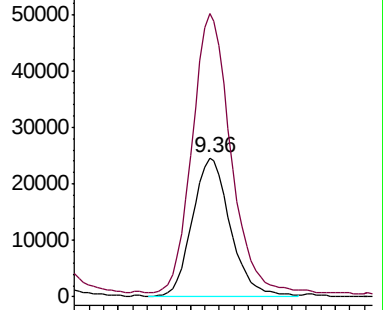
106 100

91 206.6 161.6 242.4

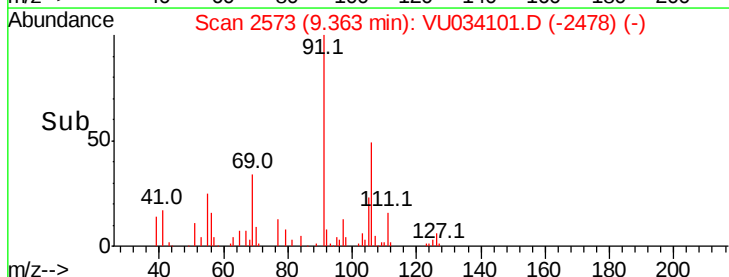


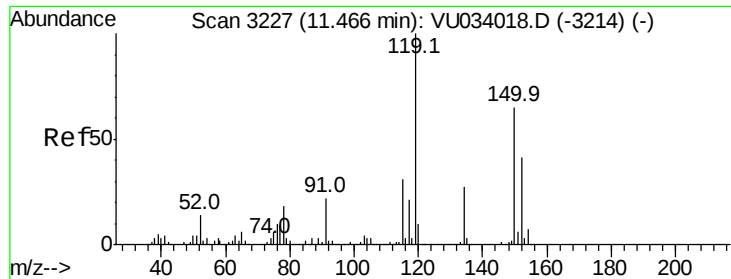
Abundance Ion 106.00 (105.70 to 106.70): VU034101.D (-2478) (-)

Ion 91.00 (90.70 to 91.70): VU034101.D (-2478) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

BOTTOM-4ME

Tot Ion:152 Resp: 419002

Ion Ratio Lower Upper

152 100

115 58.8 41.1 123.3

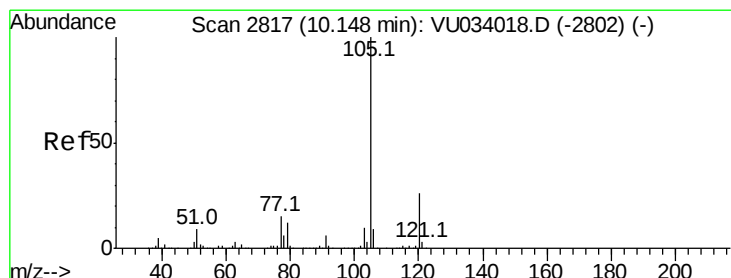
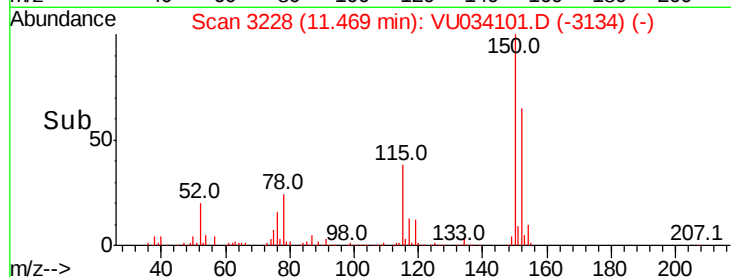
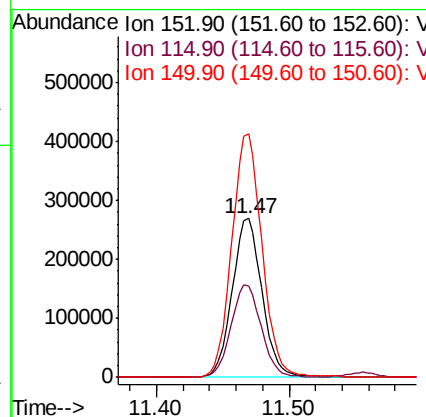
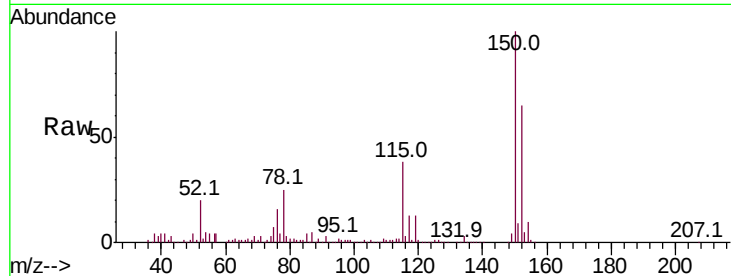
150 156.8 0.0 348.8

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#73

Isopropylbenzene

Concen: 4.774 ug/l

RT: 10.15 min Scan# 2819

Delta R.T. 0.01 min

Lab File: VU034101.D

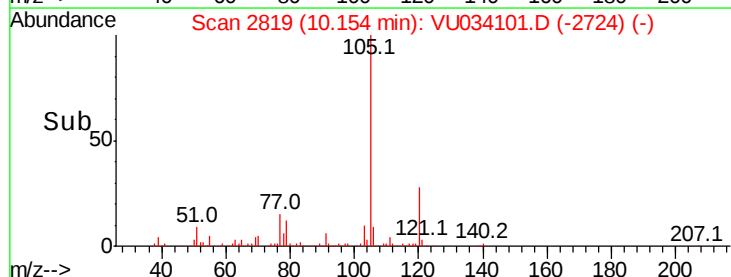
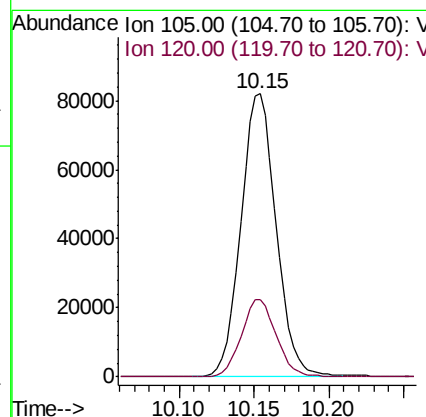
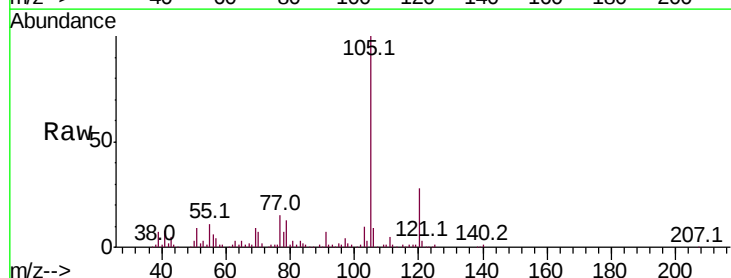
Acq: 30 Aug 2019 16:17

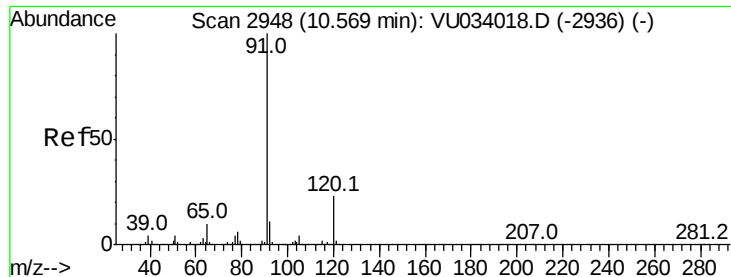
Tgt Ion:105 Resp: 134360

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8





#78

n-propylbenzene

Concen: 8.872 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

BOTTOM-4ME

Tot Ion: 91 Resp: 290803

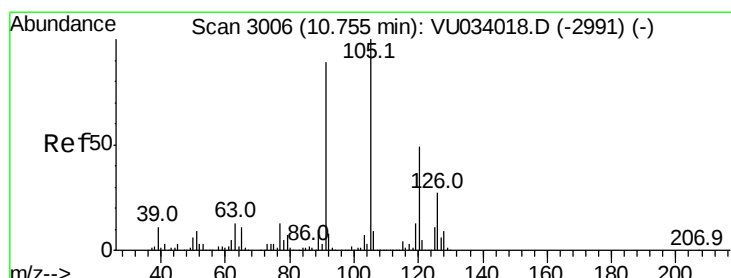
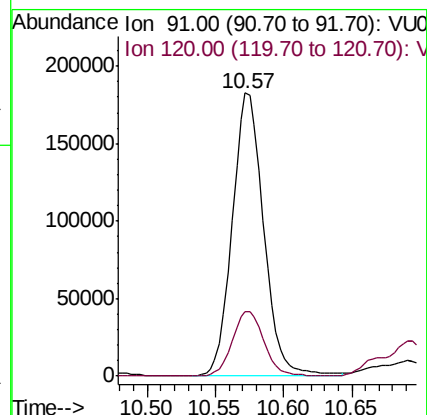
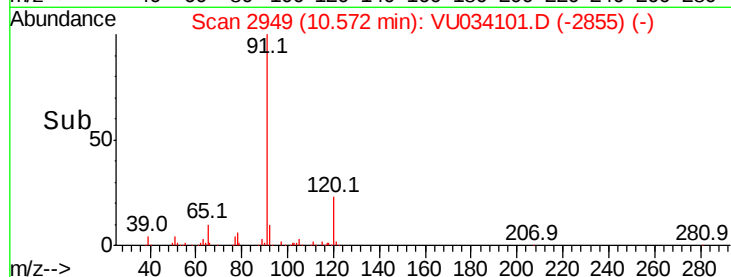
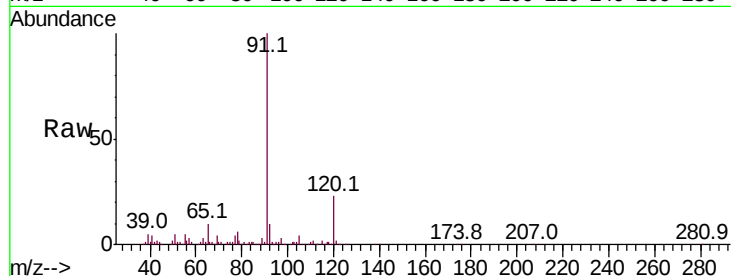
Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0

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#80

1,3,5-Trimethylbenzene

Concen: 2.224 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU034101.D

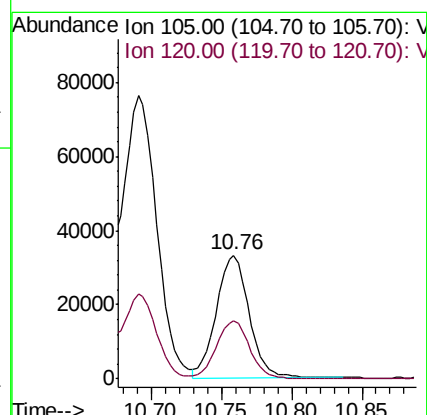
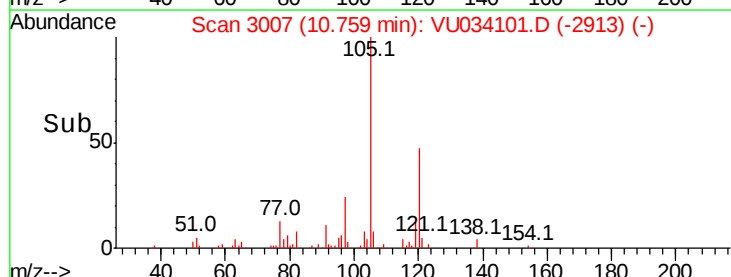
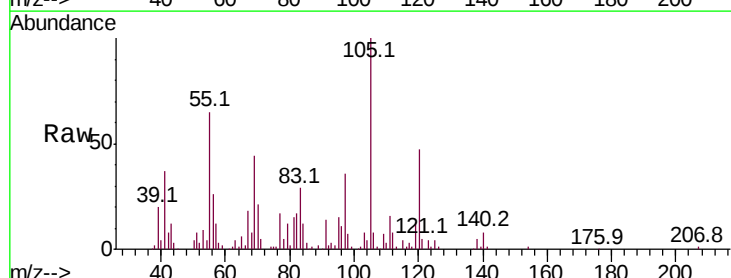
Acq: 30 Aug 2019 16:17

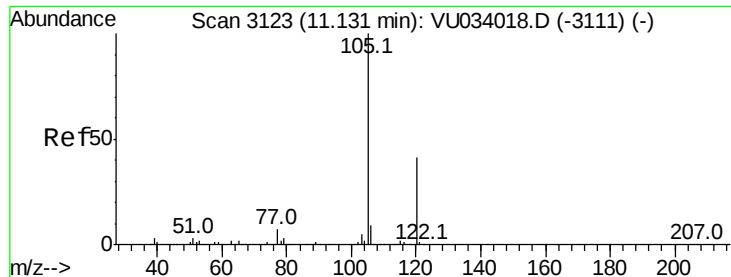
Tgt Ion: 105 Resp: 53061

Ion Ratio Lower Upper

105 100

120 47.7 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 10.017 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034101.D

Acq: 30 Aug 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

BOTTOM-4ME

Tot Ion:105 Resp: 237278

Ion Ratio Lower Upper

105 100

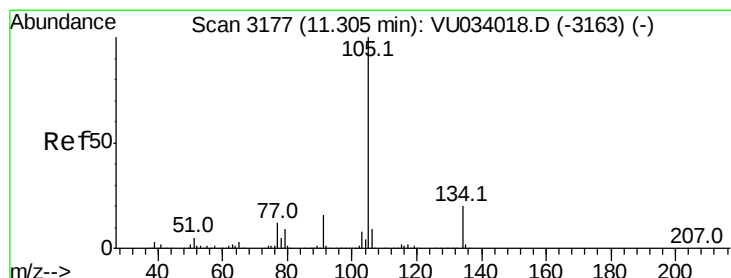
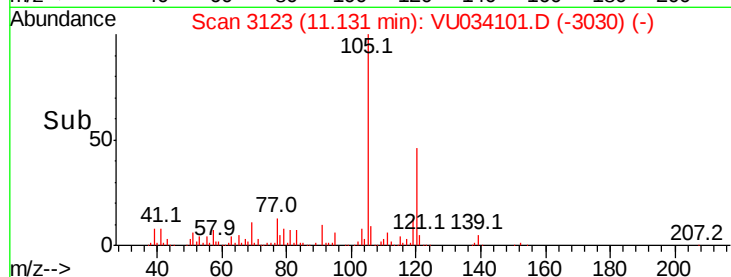
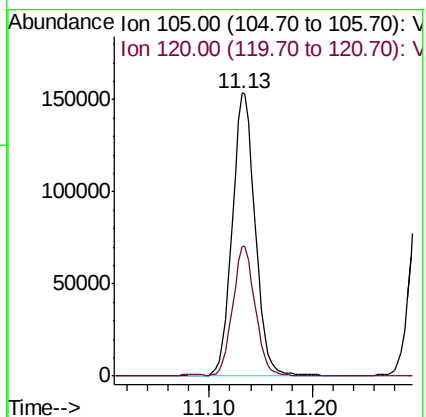
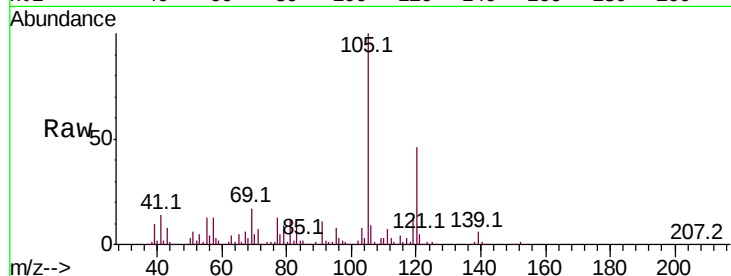
120 45.2 22.6 67.8

Manual Integrations

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#85

sec-Butylbenzene

Concen: 7.566 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. 0.00 min

Lab File: VU034101.D

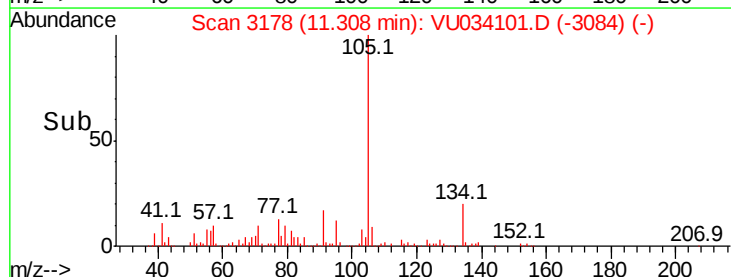
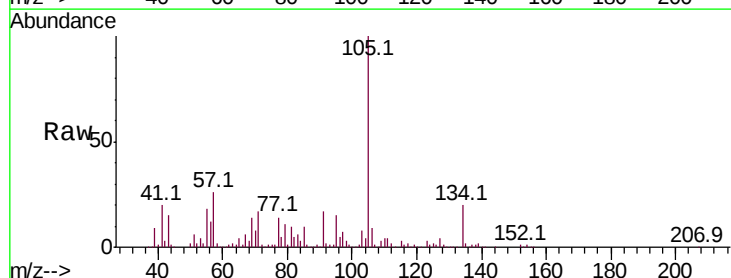
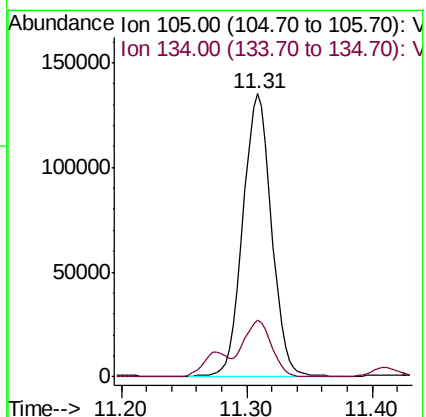
Acq: 30 Aug 2019 16:17

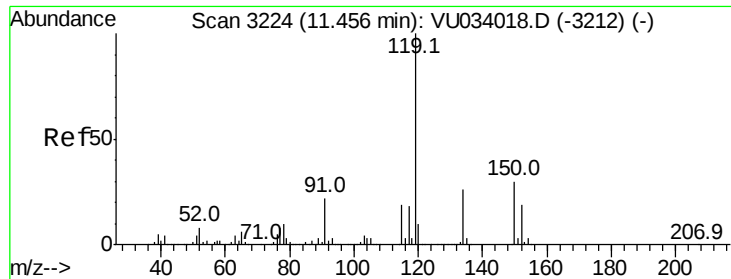
Tgt Ion:105 Resp: 212955

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0





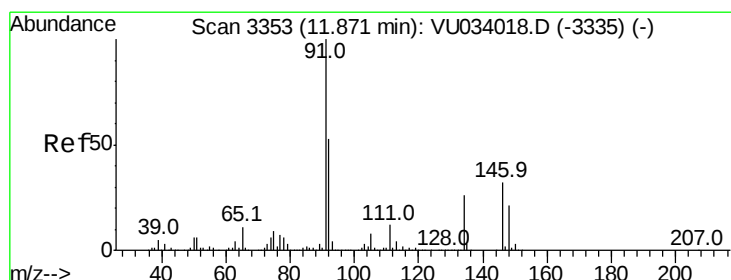
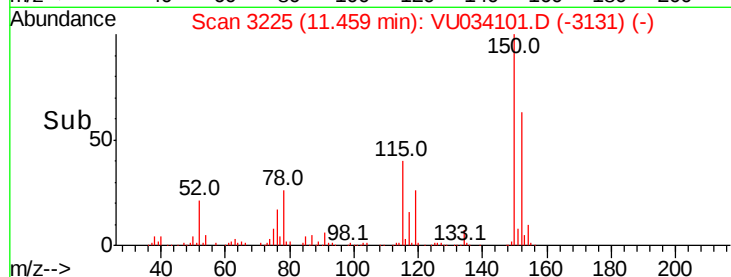
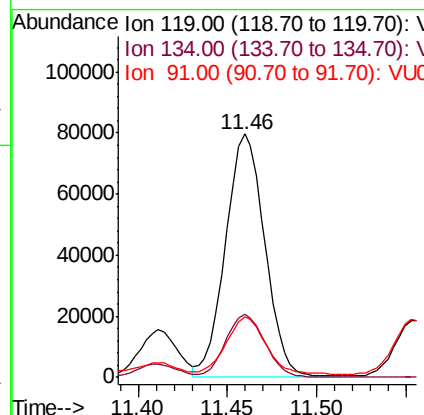
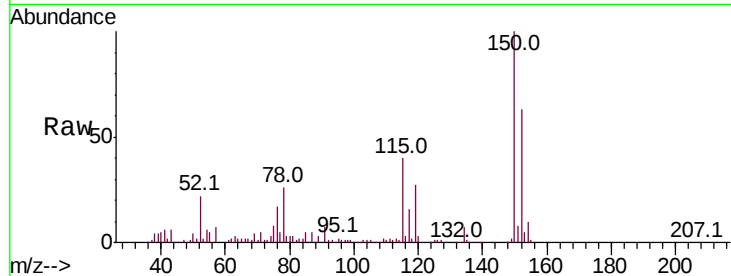
#86
p-Isopropyltoluene
Concen: 4.782 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. 0.00 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Instrument :
MSVOA_U
ClientSampleId :
BOTTOM-4ME

Tot Ion	Ratio	Resp	Lower	Upper
119	100	121730		
134	25.6	13.1	39.1	
91	23.2	11.2	33.6	

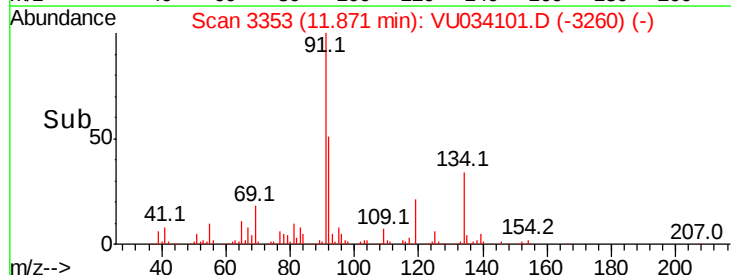
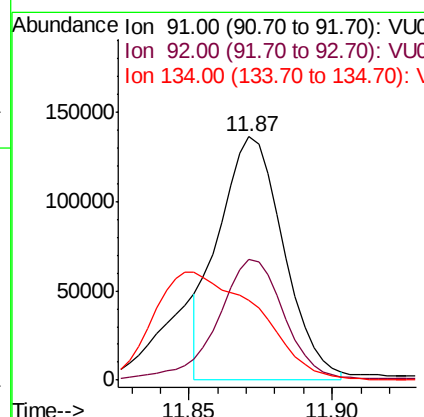
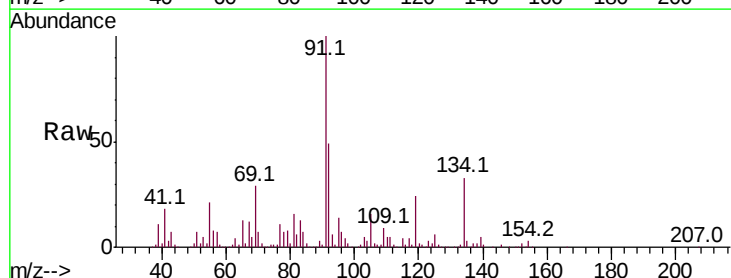
Manual Integrations
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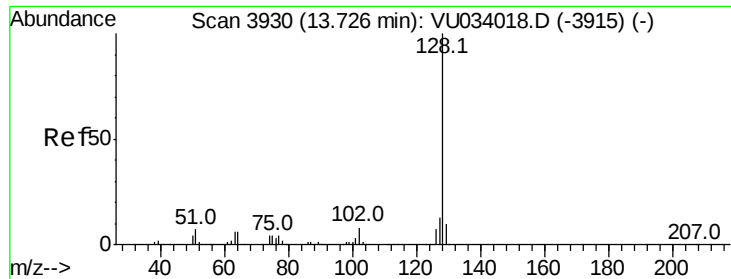
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#89
n-Butylbenzene
Concen: 9.582 ug/l m
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	215038		
92	50.4	26.3	78.9	
134	70.6	12.9	38.7#	





#95
Naphthalene
Concen: 124.786 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034101.D
Acq: 30 Aug 2019 16:17

Instrument :
MSVOA_U
ClientSampleId :
BOTTOM-4ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.6	8.4	12.6

Manual Integrations
APPROVED

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8/31/2019 11:24:48 AM

