

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027404.D
 Acq On : 04 Oct 2018 13:32
 Operator : MD/SY
 Sample : J5084-03 10X
 Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-9(11.5-12)

Manual Integrations
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MMDadoda
 10/8/2018 1:52:31 PM

Quant Time: Oct 05 04:14:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	103567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	178319	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	98510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	101349	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	4.88	113	70926	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
50) Toluene-d8	7.57	98	278465	60.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.76%	
62) 4-Bromofluorobenzene	10.31	95	104329	61.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.76%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	6.42	83	14534	6.422	ug/l	99
52) Toluene	7.64	92	6644	1.990	ug/l	93
67) Ethyl Benzene	9.25	91	67311	10.357	ug/l	99
68) m/p-Xylenes	9.38	106	45308	19.059	ug/l	97
69) o-Xylene	9.78	106	8615	3.814	ug/l	93
73) Isopropylbenzene	10.17	105	10237	1.431	ug/l	100
78) n-propylbenzene	10.59	91	52324	6.086	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	37519	6.441	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	157192	26.418	ug/l	100
85) sec-Butylbenzene	11.32	105	5872	0.828	ug/l	92
86) p-Isopropyltoluene	11.48	119	2668m	0.439	ug/l	
89) n-Butylbenzene	11.89	91	18585	4.720	ug/l #	45
95) Naphthalene	13.75	128	26419	5.089	ug/l	99

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

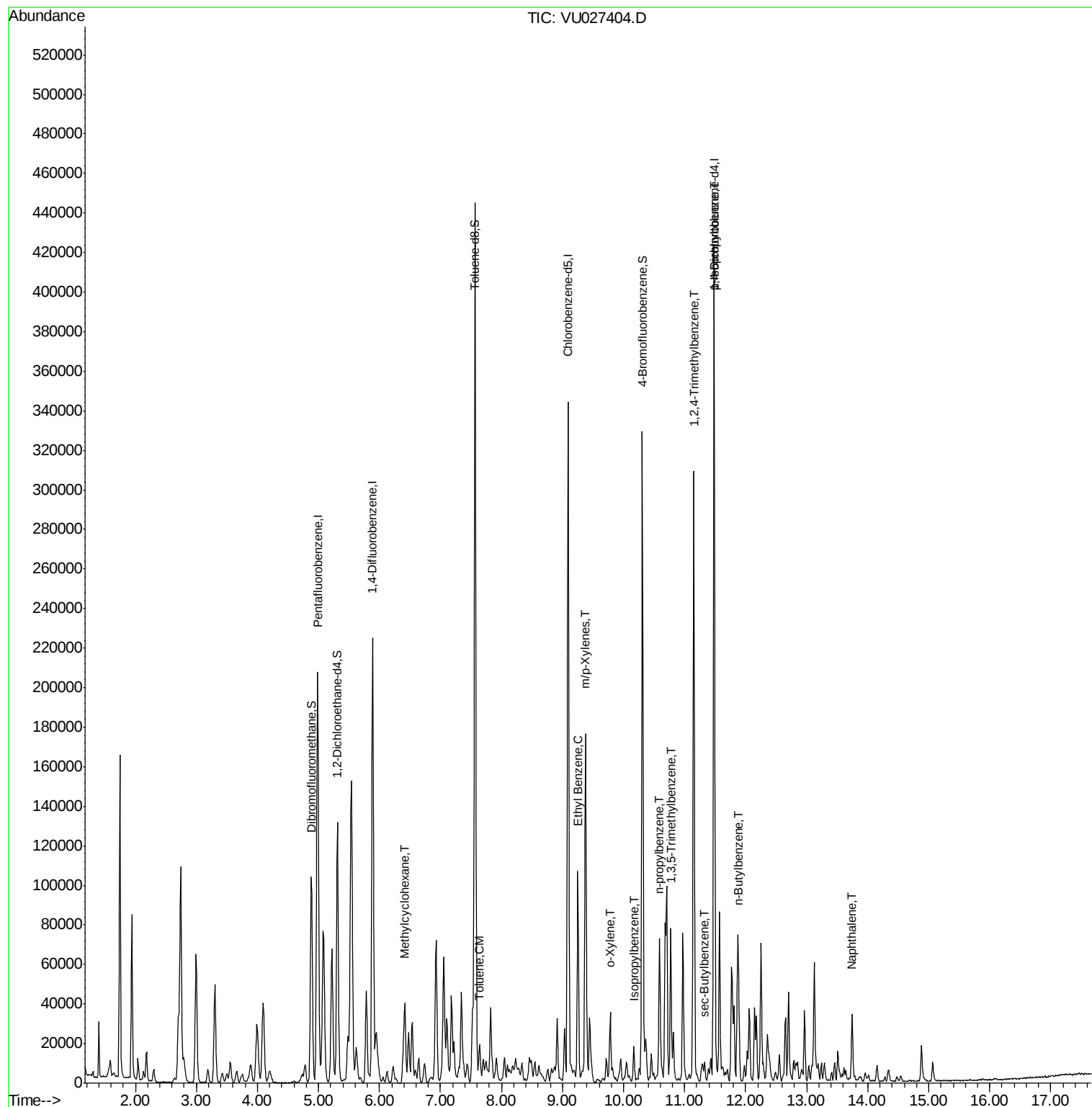
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027404.D
Acq On : 04 Oct 2018 13:32
Operator : MD/SY
Sample : J5084-03 10X
Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

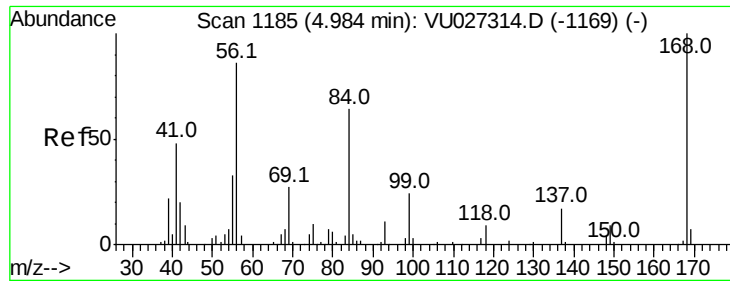
Instrument :
MSVOA_U
ClientSampleId :
B-9(11.5-12)

Manual Integrations
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Quant Time: Oct 05 04:14:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





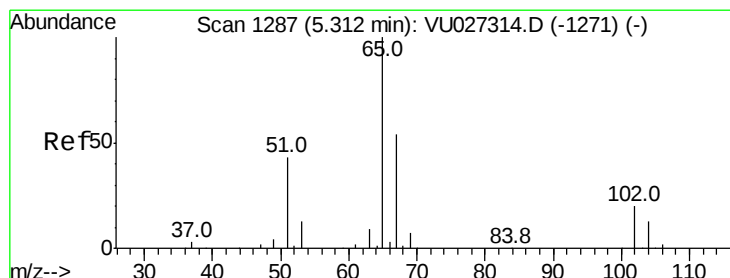
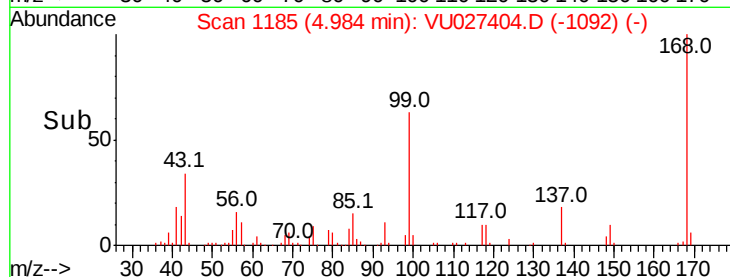
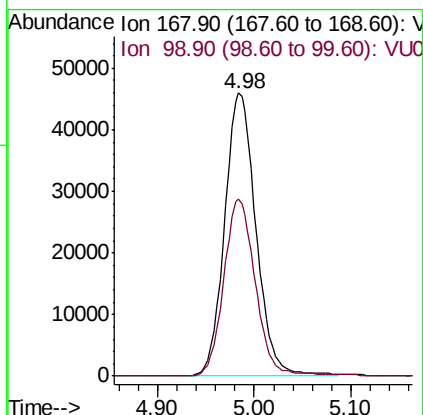
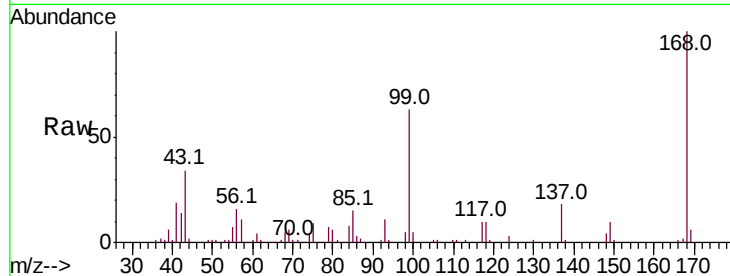
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Instrument :
MSVOA_U
ClientSampled :
B-9(11.5-12)

Tot Ion	Ratio	Lower	Upper
168	100		
99	62.7	50.8	76.2

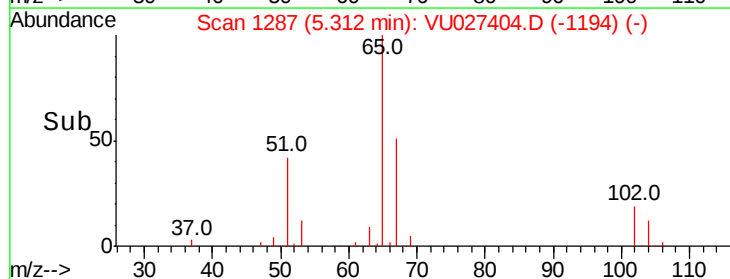
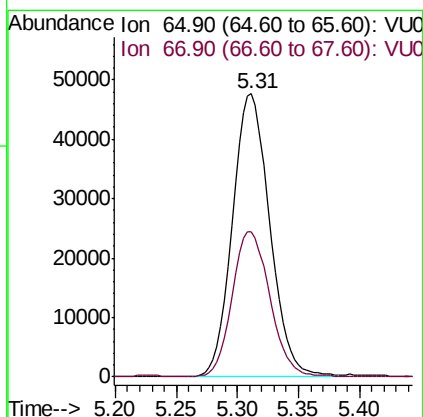
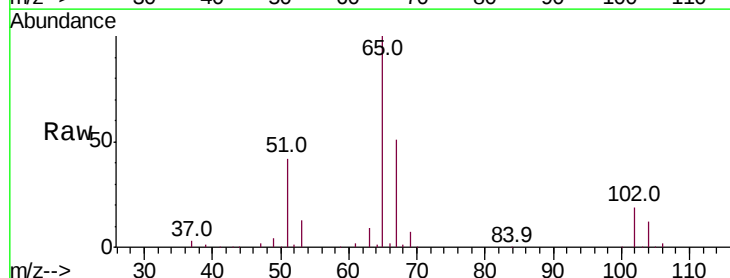
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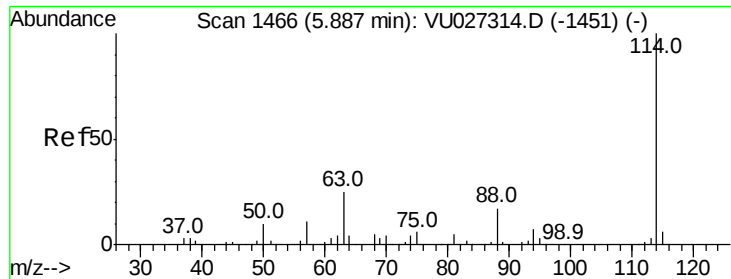
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#33
1,2-Dichloroethane-d4
Concen: 58.604 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.8





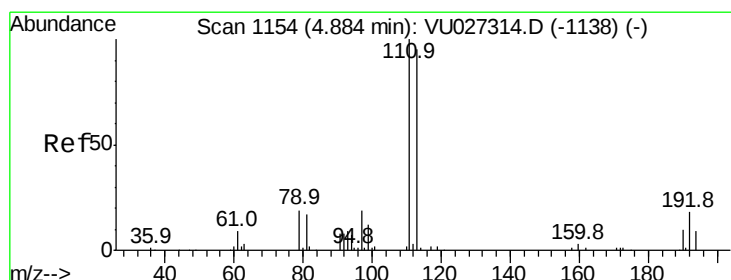
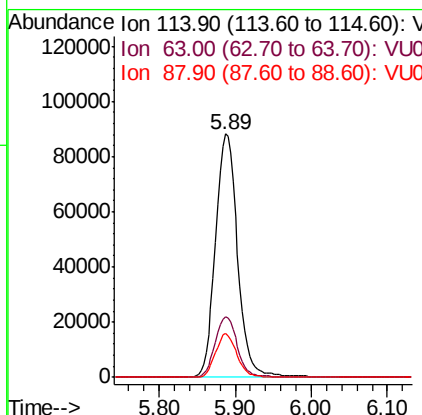
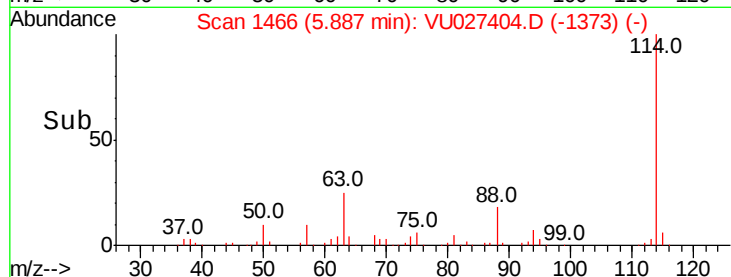
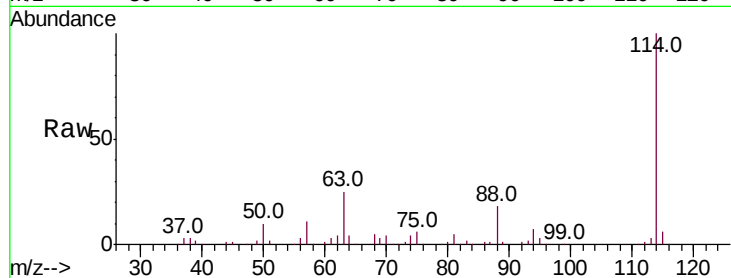
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027404.D
 Acq: 04 Oct 2018 13:32

Instrument :
 MSVOA_U
 ClientSampleId :
 B-9(11.5-12)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.8	0.0	50.2
88	18.2	0.0	33.8

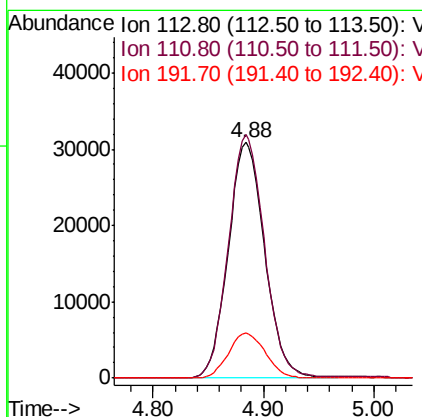
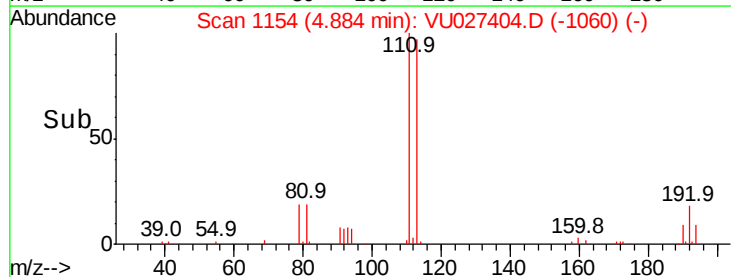
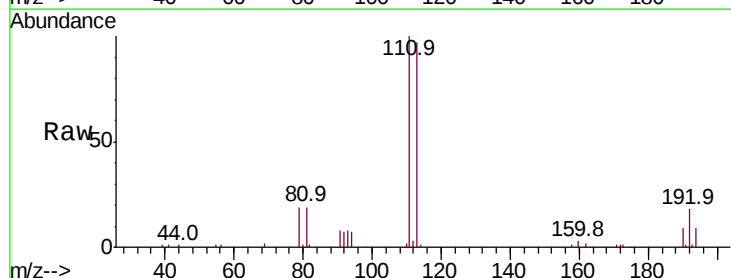
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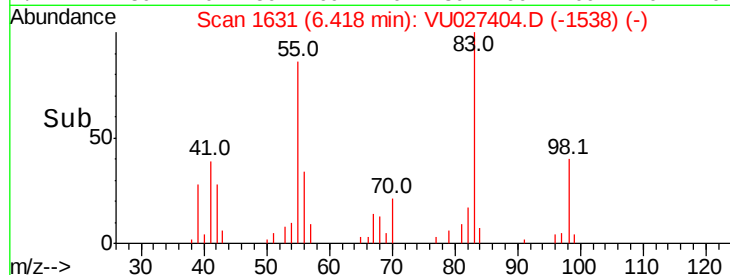
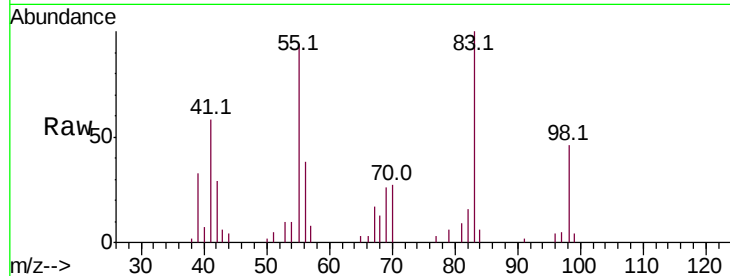
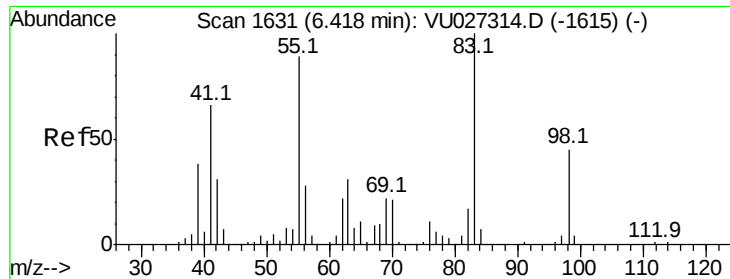
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#35
 Dibromofluoromethane
 Concen: 58.037 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027404.D
 Acq: 04 Oct 2018 13:32

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.0	83.1	124.7
192	19.1	15.4	23.0





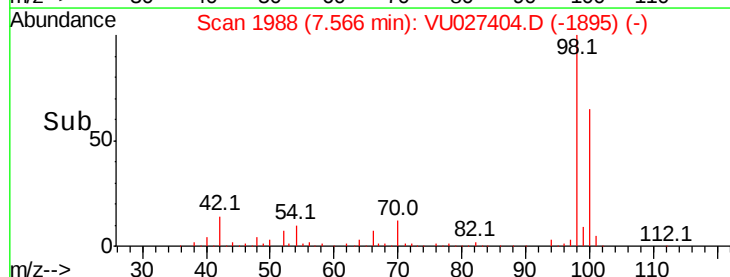
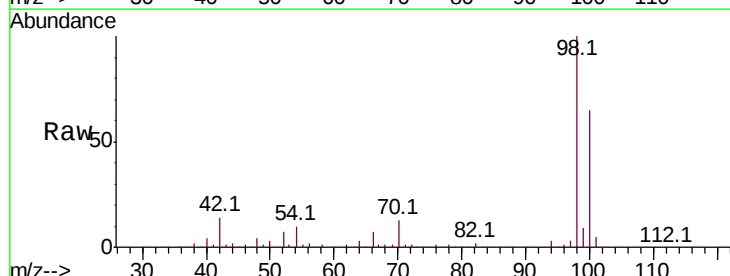
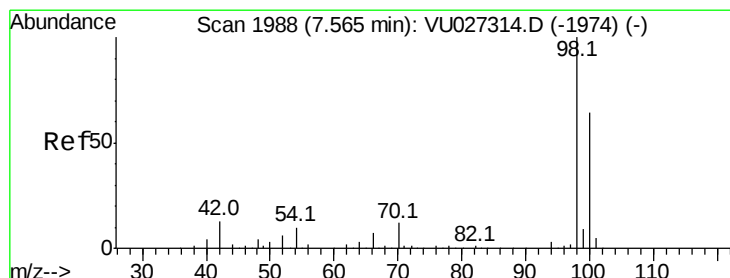
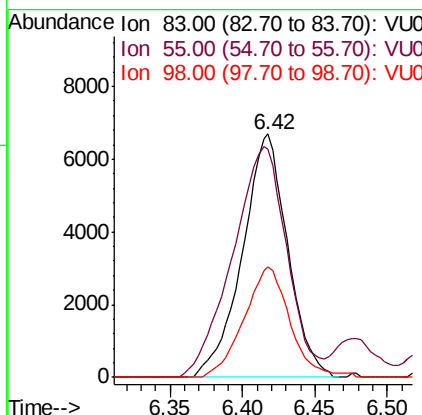
#39
Methvlcvclohexane
Concen: 6.422 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tot Ion	83	Resp	14534
Ion Ratio	100	Lower	Upper
83	100	71.1	106.7
55	90.6	36.3	54.5
98	45.6		

Instrument :
MSVOA_U
ClientSampleId :
B-9(11.5-12)

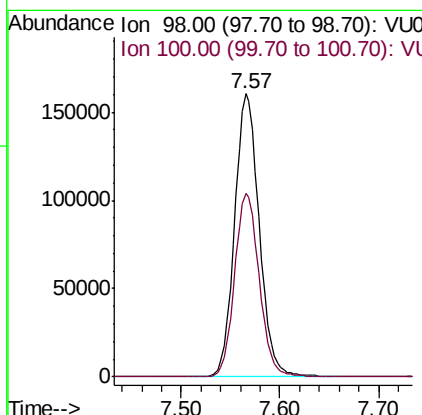
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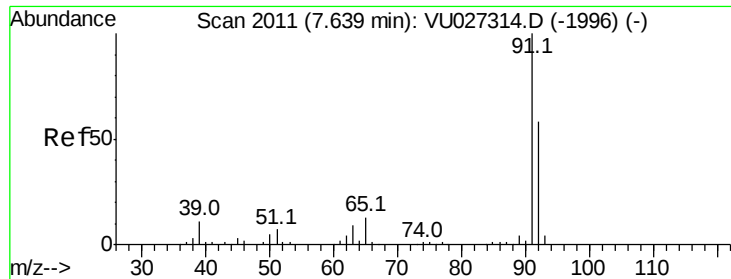
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#50
Toluene-d8
Concen: 60.882 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tgt Ion	98	Resp	278465
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
98	100	52.1	78.1
100	65.0		





#52

Toluene

Concen: 1.990 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027404.D

Acq: 04 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

B-9(11.5-12)

Tot Ion: 92 Resp: 6644

Ion Ratio Lower Upper

92 100

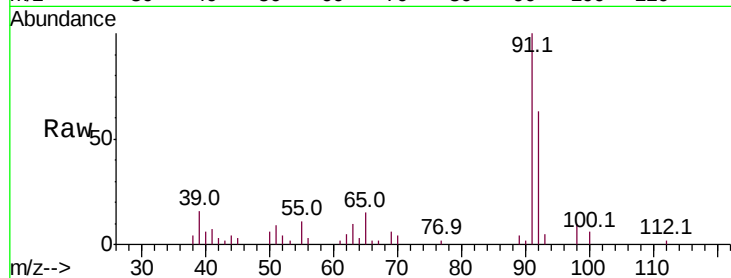
91 164.1 138.6 208.0

Manual Integrations

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Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

6000

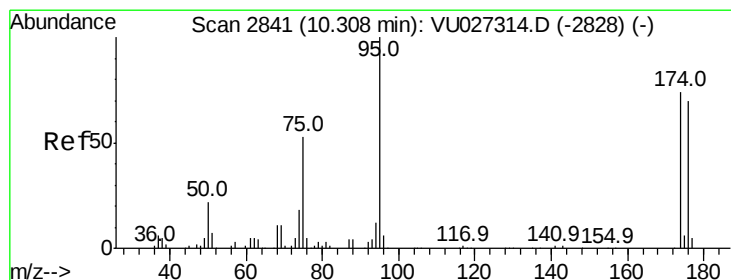
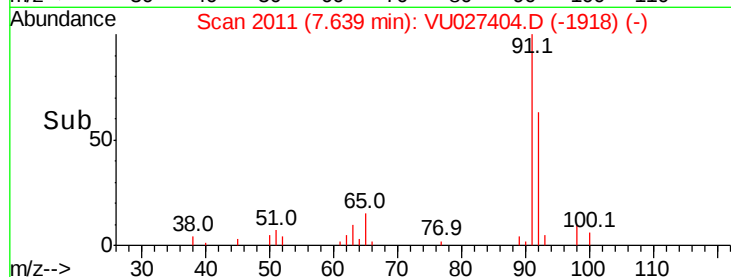
4000

2000

0

7.60 7.65 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 61.377 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027404.D

Acq: 04 Oct 2018 13:32

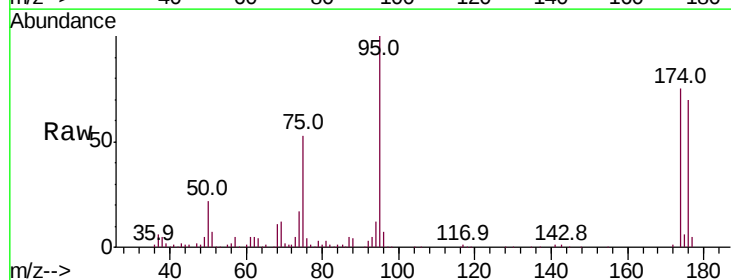
Tgt Ion: 95 Resp: 104329

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.8

176 70.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

80000

60000

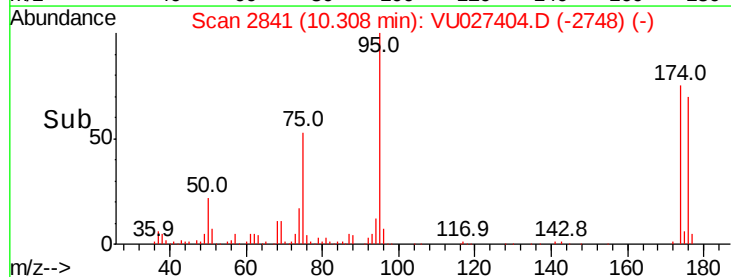
40000

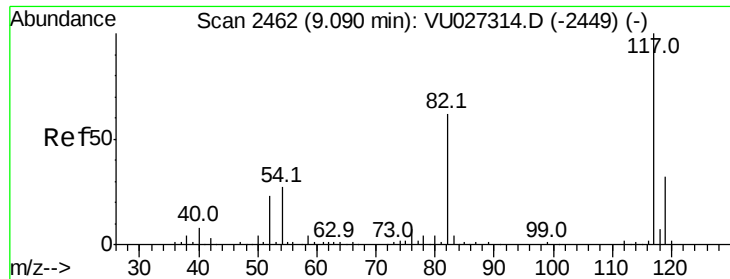
20000

0

10.20 10.30 10.40

Time-->





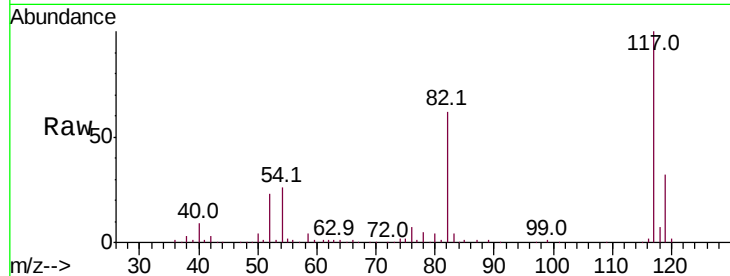
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
B-9(11.5-12)

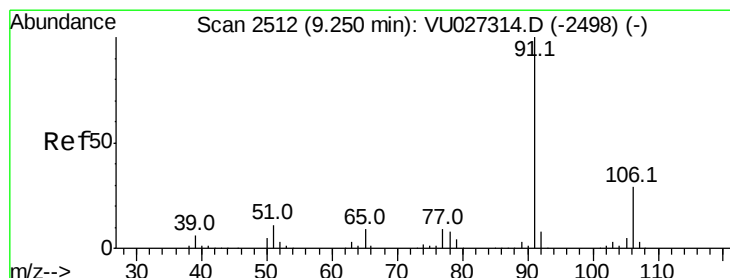
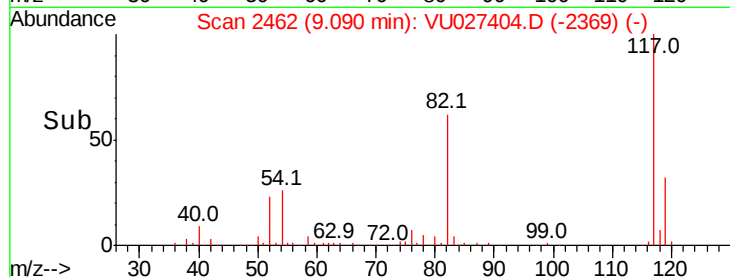
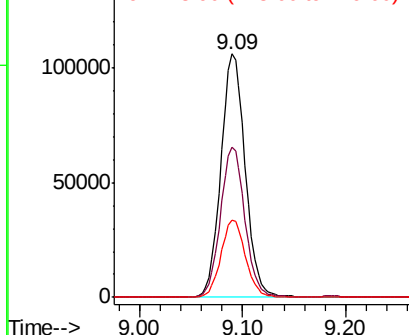
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.2	73.8
119	31.7	25.7	38.5

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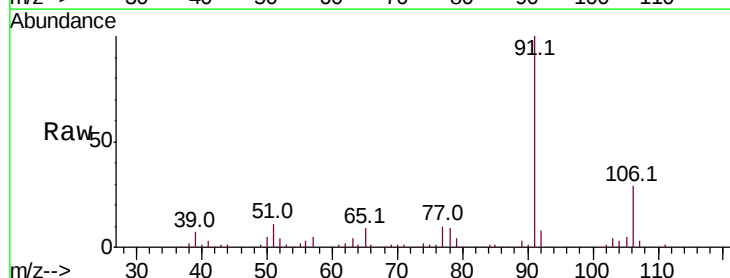


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

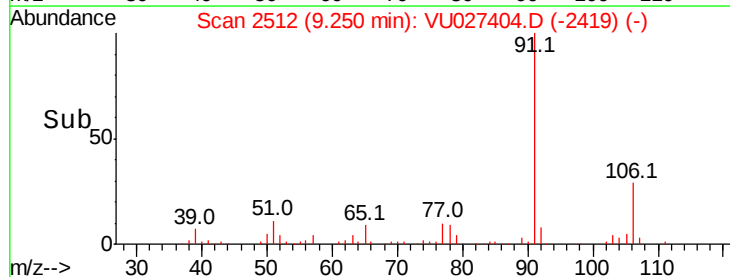
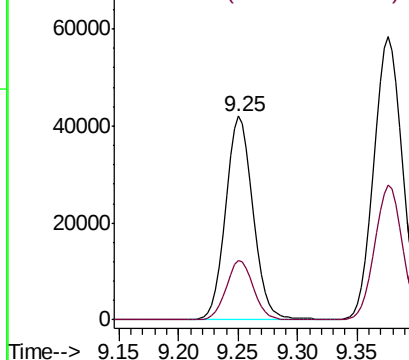


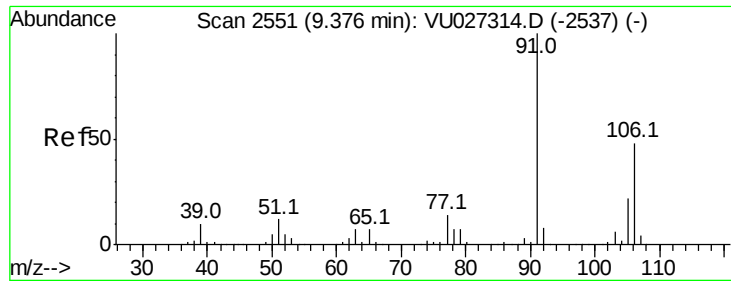
#67
Ethyl Benzene
Concen: 10.357 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.9	23.6	35.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V





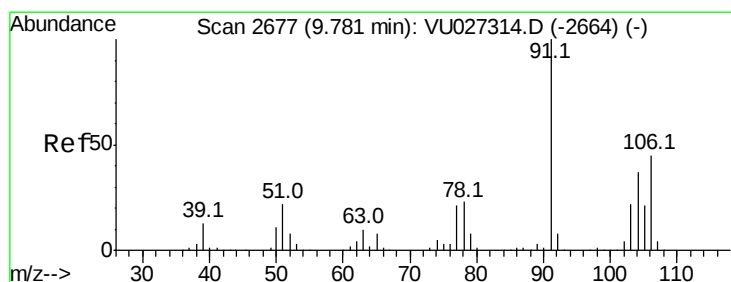
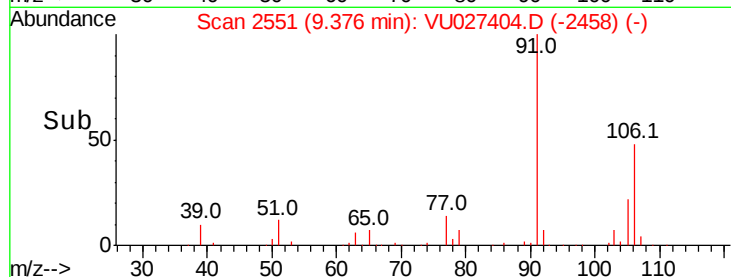
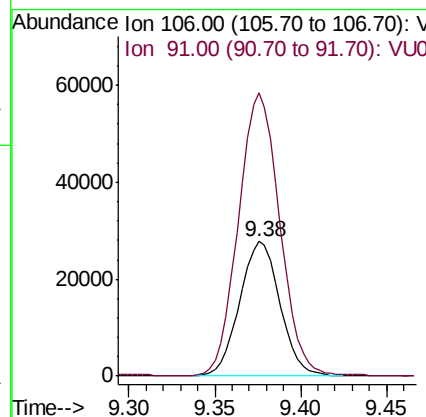
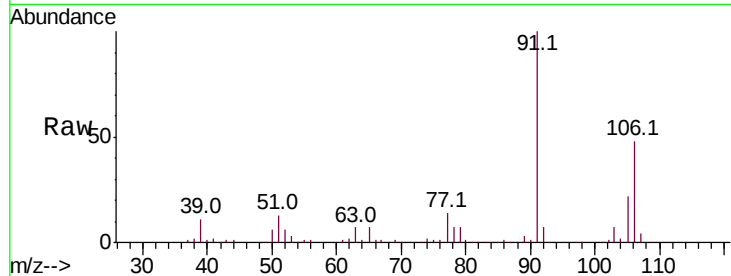
#68
m/p-Xylenes
Concen: 19.059 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
B-9(11.5-12)

Tot Ion:106 Resp: 45308
Ion Ratio Lower Upper
106 100
91 214.1 168.1 252.1

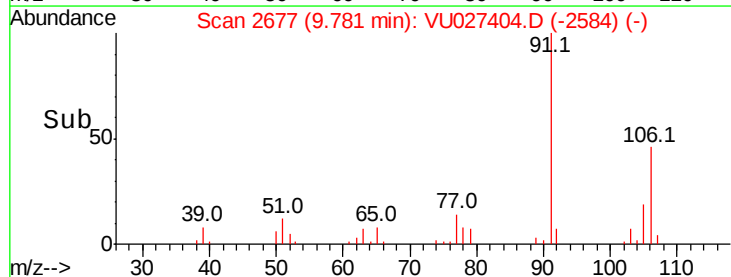
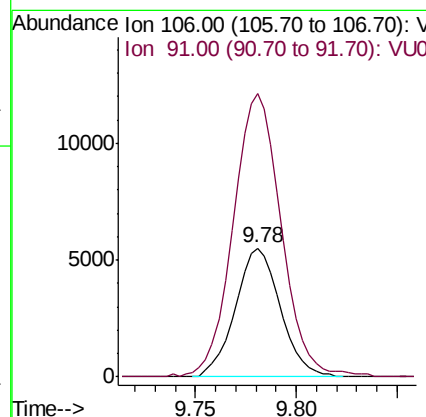
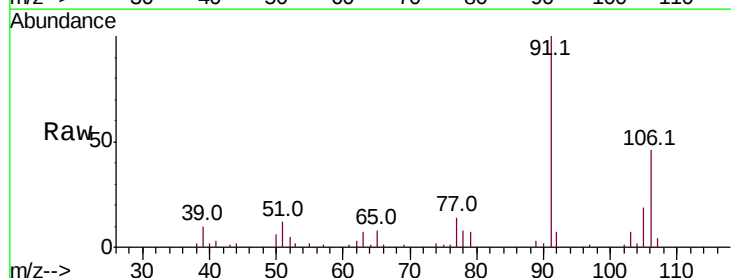
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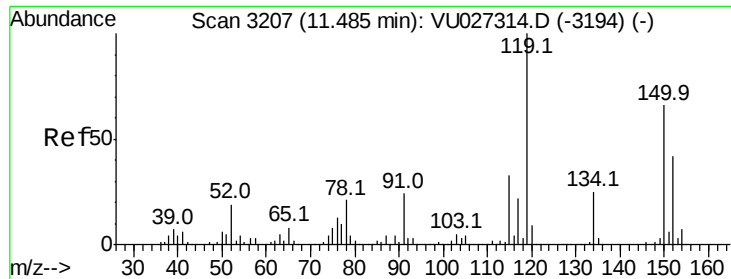
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#69
o-Xylene
Concen: 3.814 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tgt Ion:106 Resp: 8615
Ion Ratio Lower Upper
106 100
91 234.5 111.7 334.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027404.D

Acq: 04 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampled :

B-9(11.5-12)

Tot Ion:152 Resp: 98510

Ion Ratio Lower Upper

152 100

115 61.7 43.4 130.2

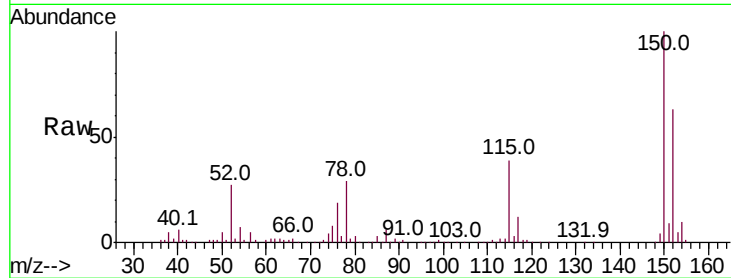
150 159.3 0.0 349.2

Manual Integrations

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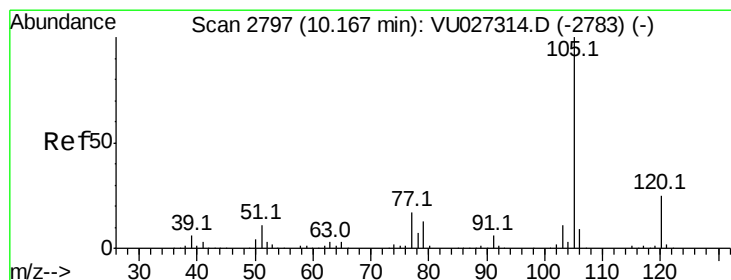
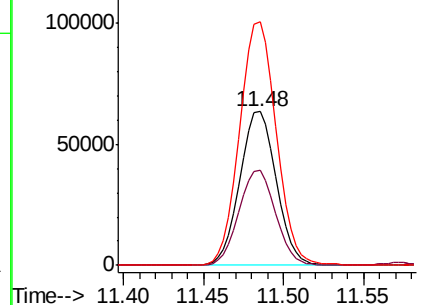
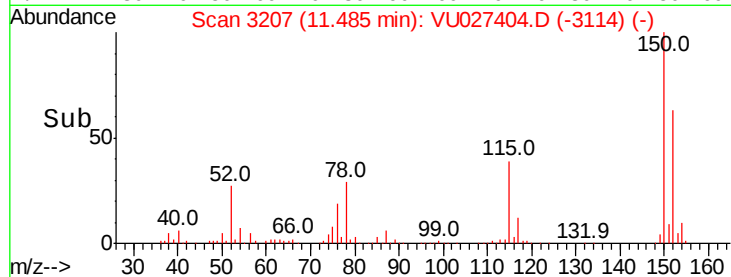
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.431 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027404.D

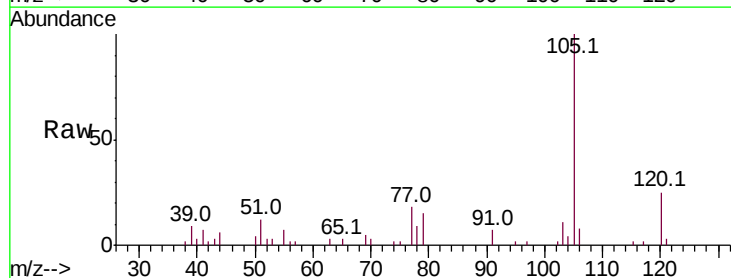
Acq: 04 Oct 2018 13:32

Tgt Ion:105 Resp: 10237

Ion Ratio Lower Upper

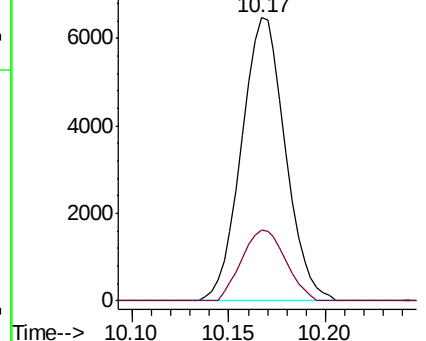
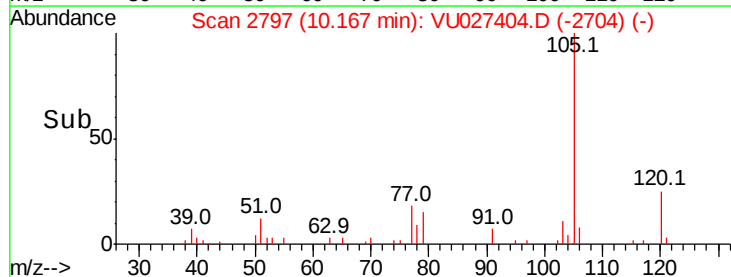
105 100

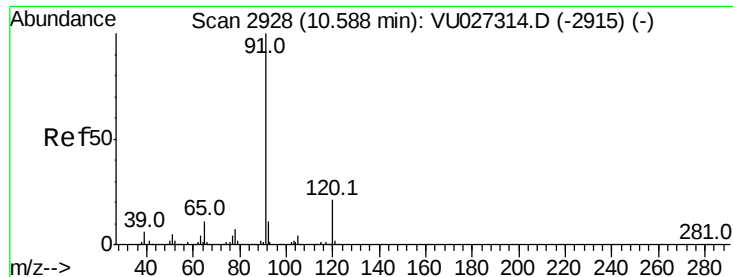
120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 6.086 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027404.D

Acq: 04 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

B-9(11.5-12)

Tot Ion: 91 Resp: 52324

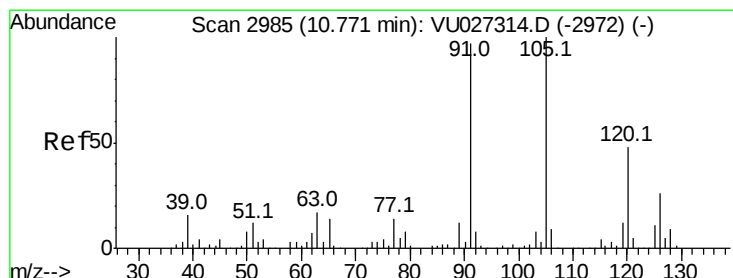
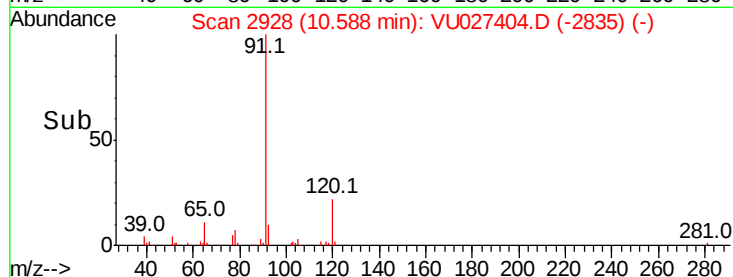
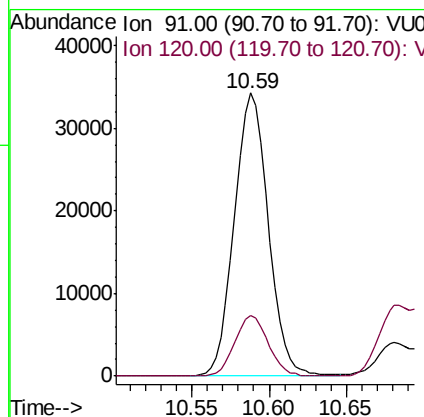
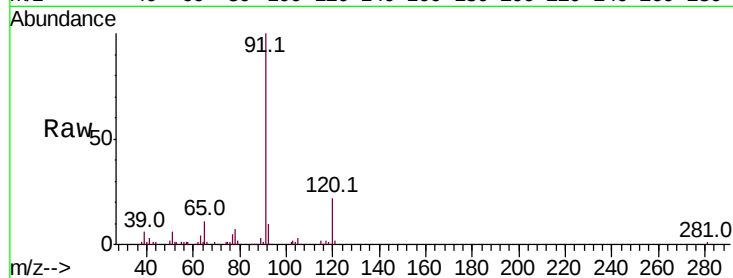
Ion Ratio Lower Upper

91 100

120 21.0 10.6 31.8

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#80

1,3,5-Trimethylbenzene

Concen: 6.441 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027404.D

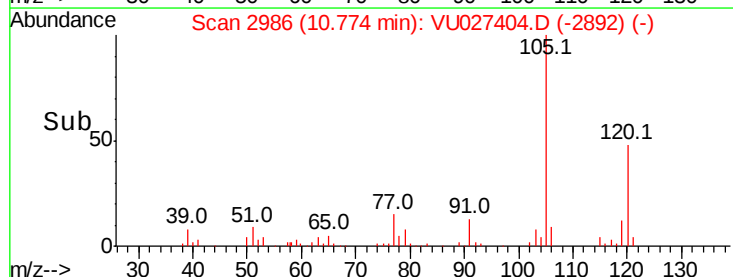
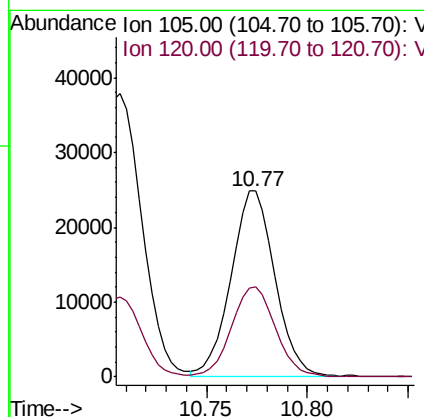
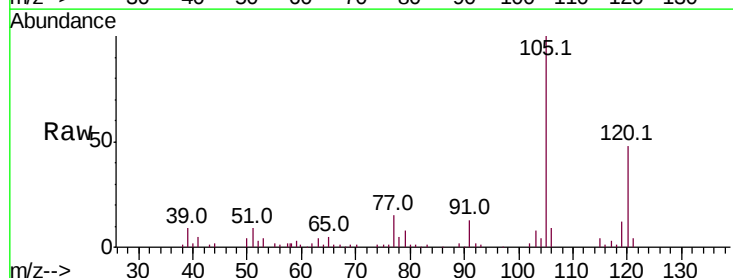
Acq: 04 Oct 2018 13:32

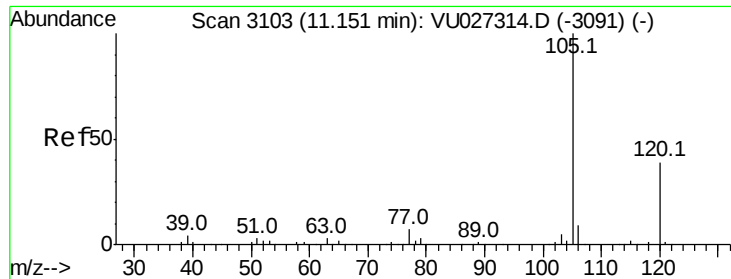
Tgt Ion: 105 Resp: 37519

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4





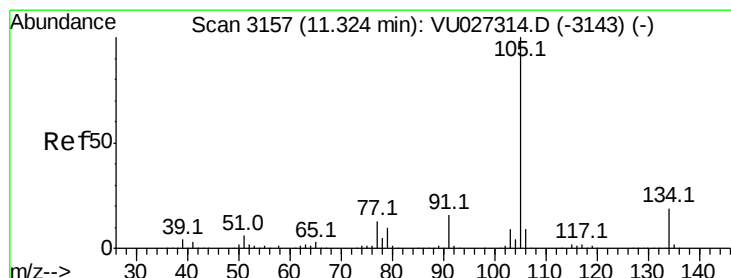
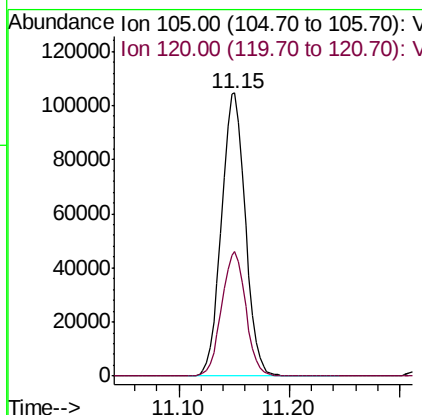
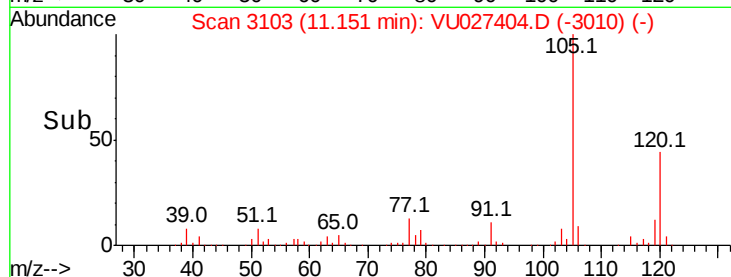
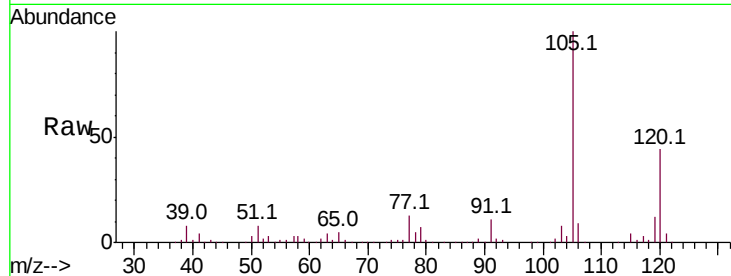
#84
1,2,4-Trimethylbenzene
Concen: 26.418 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
B-9(11.5-12)

Tot Ion:105 Resp: 157192
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

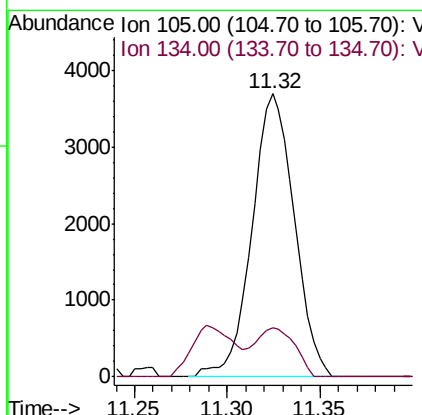
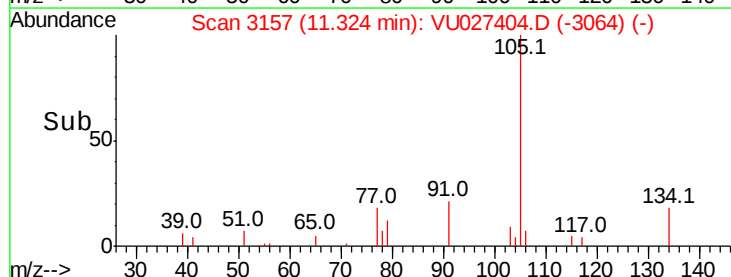
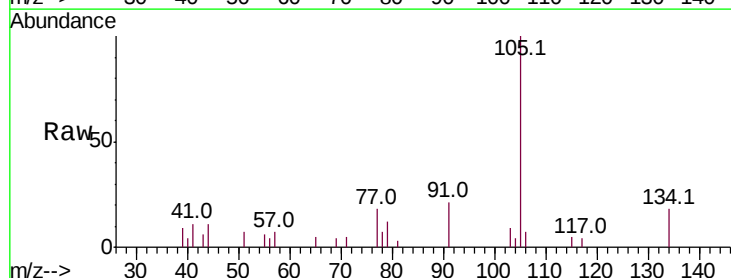
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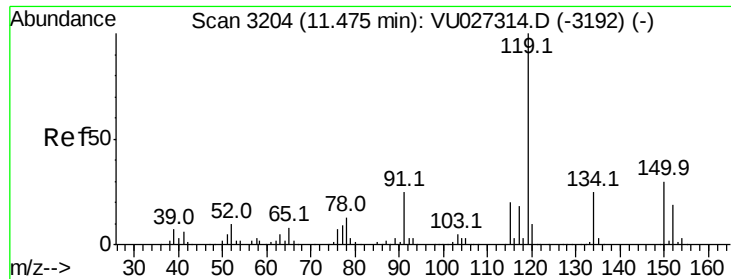
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#85
sec-Butylbenzene
Concen: 0.828 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tgt Ion:105 Resp: 5872
Ion Ratio Lower Upper
105 100
134 15.5 9.6 28.6





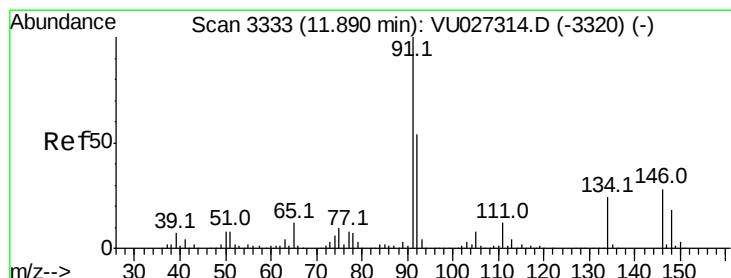
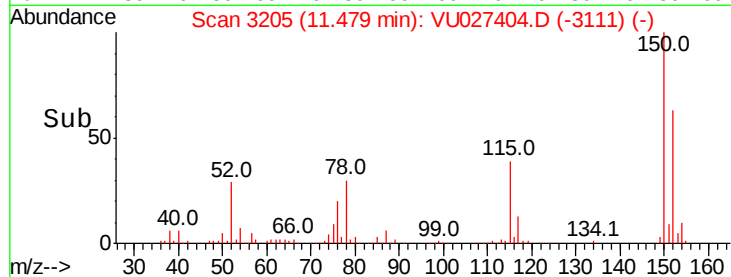
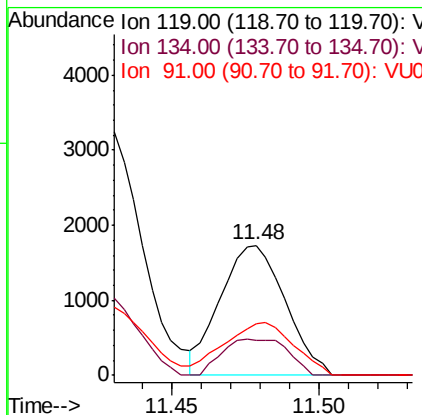
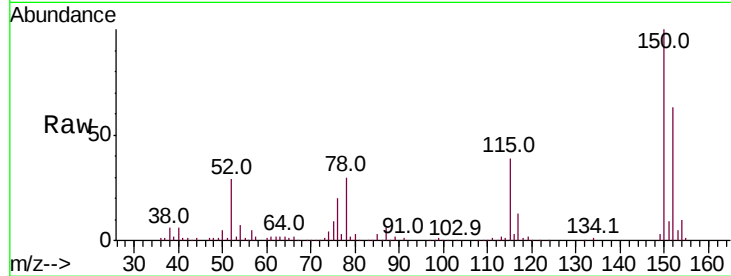
#86
p-Isopropyltoluene
Concen: 0.439 ug/l m
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Instrument :
MSVOA_U
ClientSampled :
B-9(11.5-12)

Tot Ion	Ratio	Lower	Upper
119	100		
134	56.0	12.7	38.1#
91	61.0	12.2	36.4#

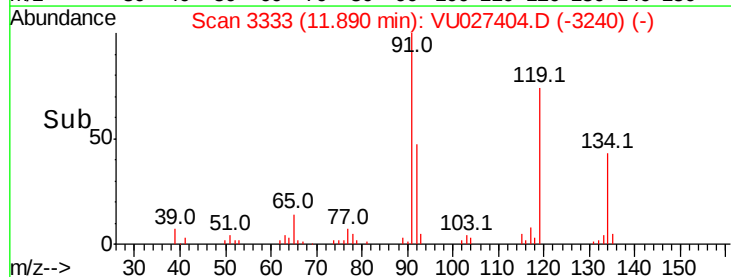
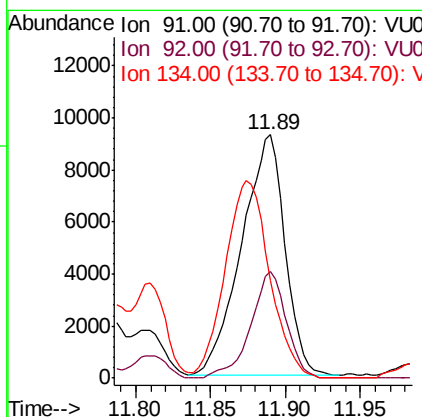
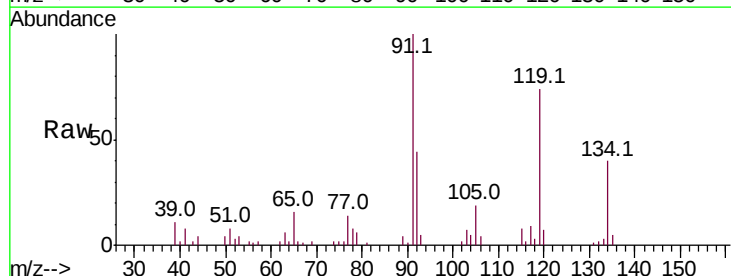
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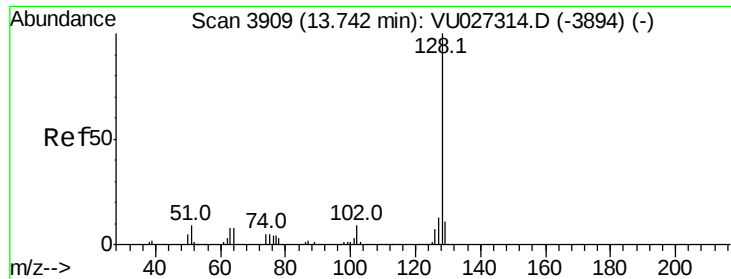
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#89
n-Butylbenzene
Concen: 4.720 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	36.5	27.0	81.0
134	84.5	11.7	35.1#





#95
Naphthalene
Concen: 5.089 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027404.D
Acq: 04 Oct 2018 13:32

Instrument :
MSVOA_U
ClientSampleId :
B-9(11.5-12)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.1	8.6	12.8

Manual Integrations
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