

Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DUP-073118

Manual Integrations
APPROVED

MMDadoda
8/2/2018 9:45:07 AM

Quant Time: Aug 11 03:42:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	317247	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	312633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	198503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154829	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	4.89	113	131765	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	7.57	98	462038	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	10.31	95	187695	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
Target Compounds						
					Qvalue	
16) Acetone	2.33	43	7122	4.634	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	5866	0.745	ug/l	99
40) Benzene	5.39	78	136249	12.572	ug/l	99
52) Toluene	7.64	92	6101	0.906	ug/l	100
67) Ethyl Benzene	9.25	91	49021	3.672	ug/l	98
68) m/p-Xylenes	9.38	106	17575	3.429	ug/l	93
69) o-Xylene	9.78	106	11650	2.325	ug/l	97
73) Isopropylbenzene	10.17	105	98662	7.282	ug/l	98
78) n-propylbenzene	10.59	91	32437	2.051	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	14678	1.276	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	31675	2.717	ug/l	98
86) p-Isopropyltoluene	11.48	119	4651	0.372	ug/l #	72
89) n-Butylbenzene	11.89	91	9354m	0.811	ug/l	
95) Naphthalene	13.75	128	4477789	297.444	ug/l	99

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

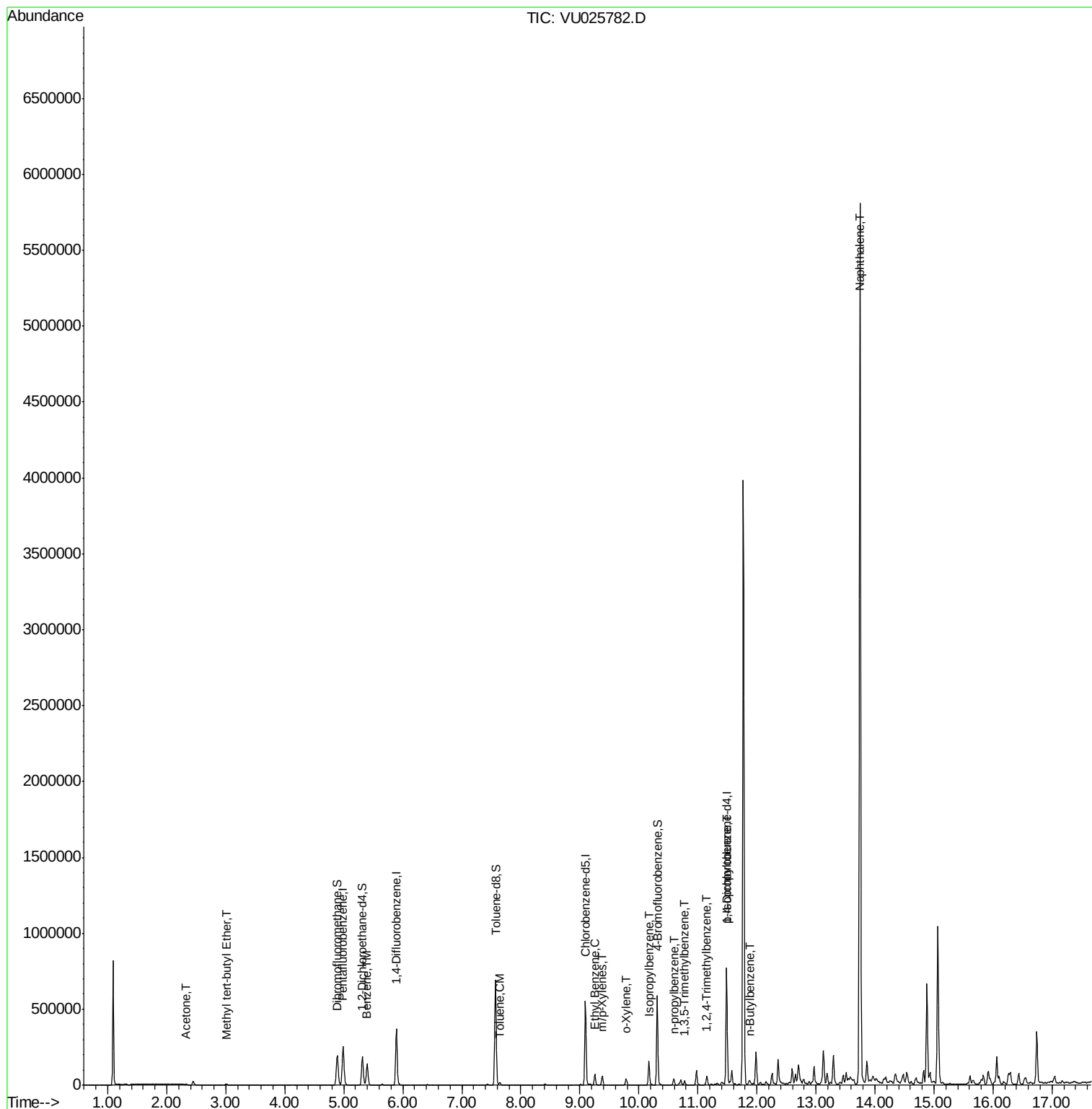
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
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Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

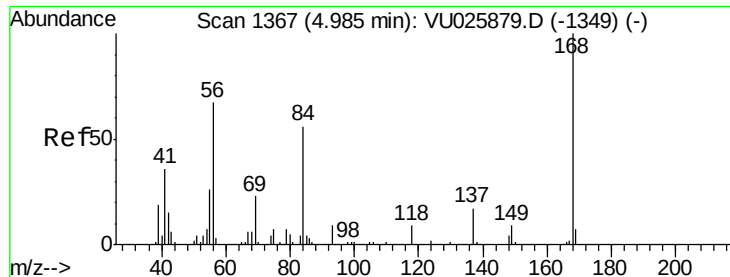
Instrument :
MSVOA_U
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Quant Time: Aug 11 03:42:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Instrument :

MSVOA_U

ClientSampleId :

DUP-073118

Tgt Ion:168 Resp: 202325

Ion Ratio Lower Upper

168 100

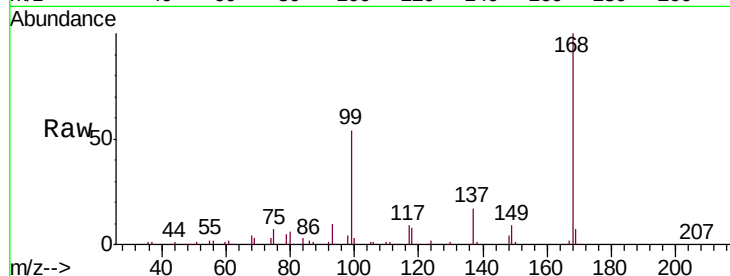
99 53.7 42.8 64.2

Manual Integrations

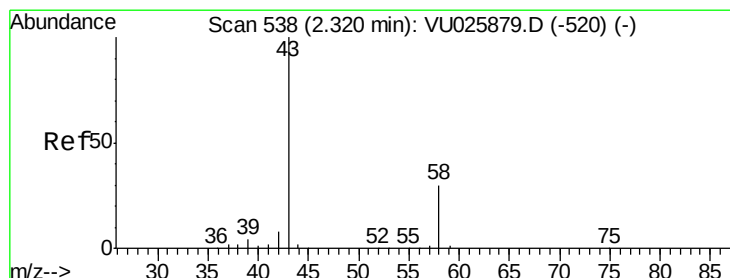
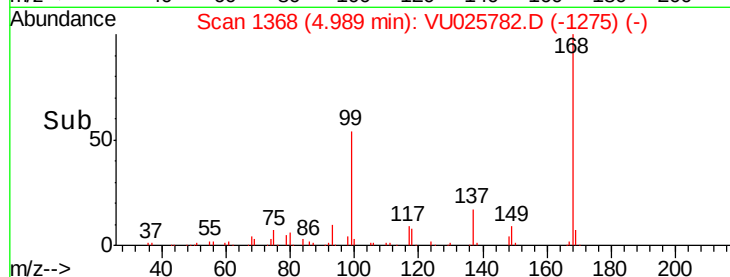
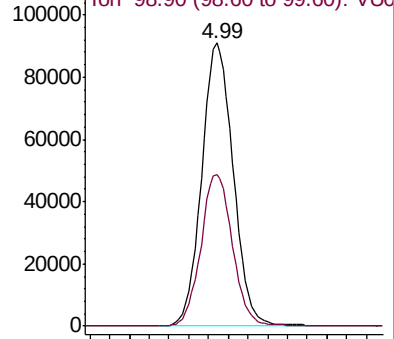
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Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)



#16

Acetone

Concen: 4.634 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025782.D

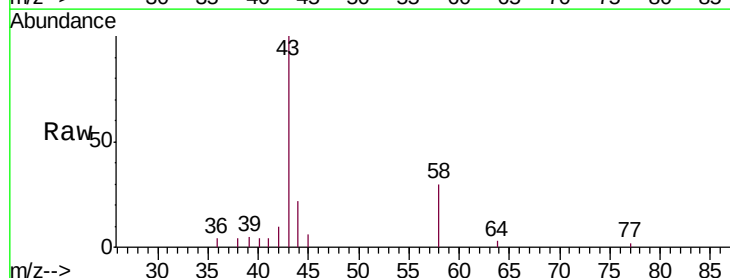
Acq: 01 Aug 2018 17:29

Tgt Ion: 43 Resp: 7122

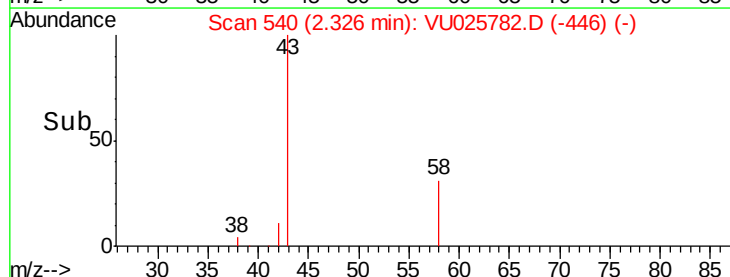
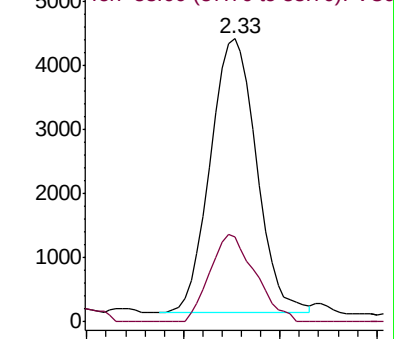
Ion Ratio Lower Upper

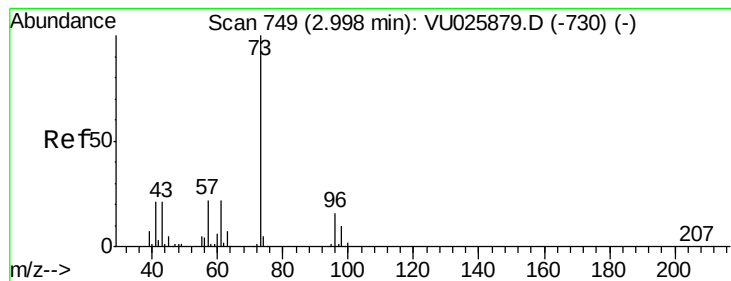
43 100

58 31.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-520) (-)





#19

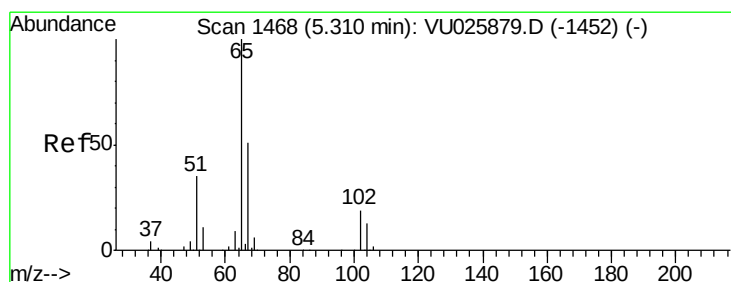
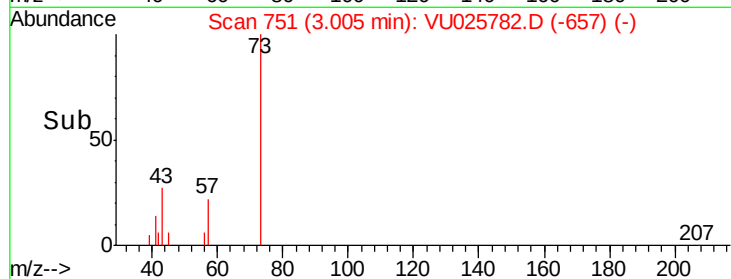
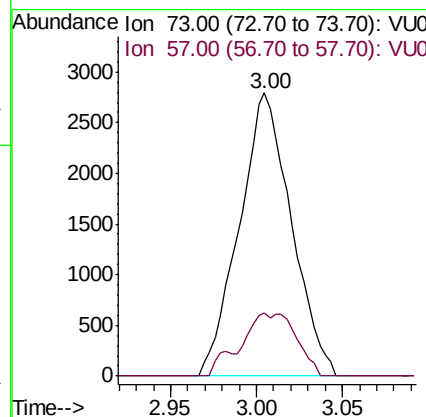
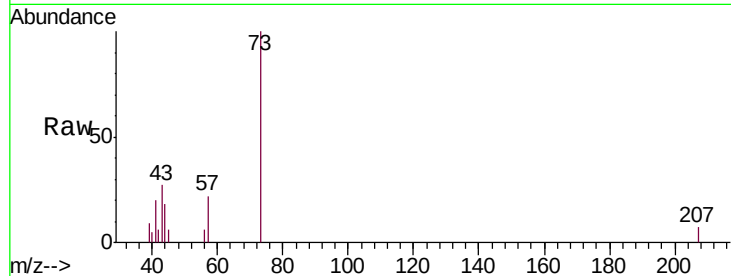
Methyl tert-butyl Ether
 Concen: 0.745 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VU025782.D
 Acq: 01 Aug 2018 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-073118

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.2

Manual Integrations
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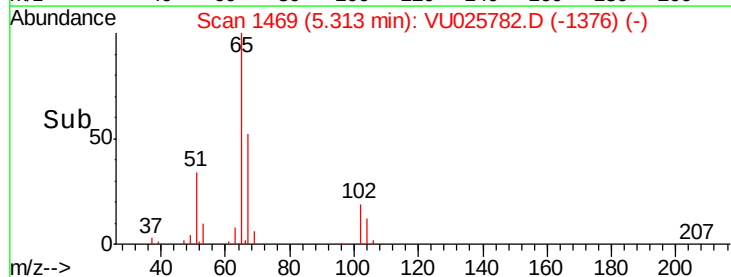
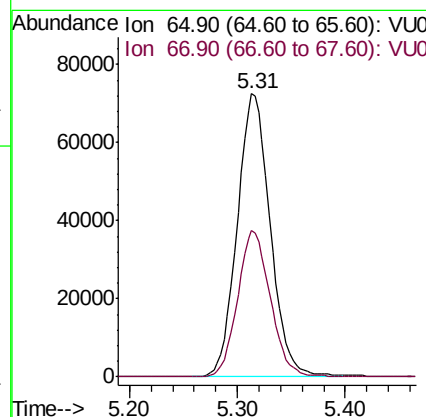
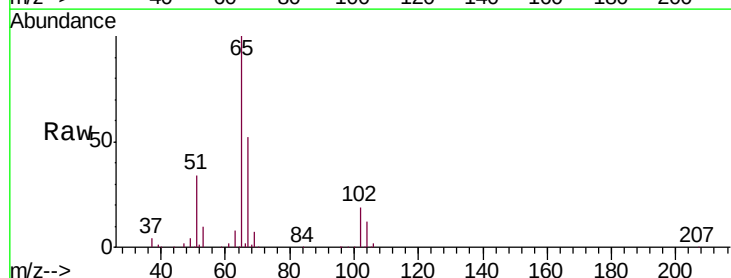
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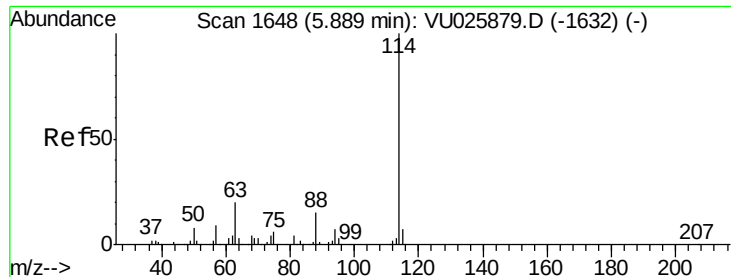


#33

1,2-Dichloroethane-d4
 Concen: 49.114 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025782.D
 Acq: 01 Aug 2018 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.6





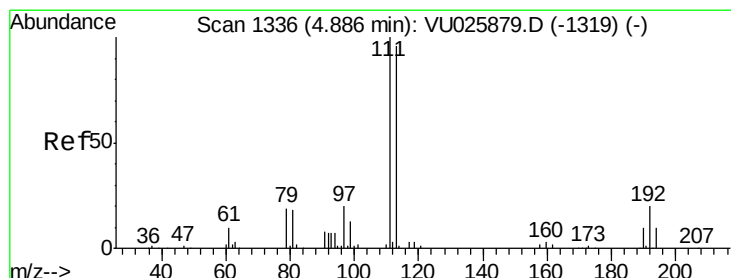
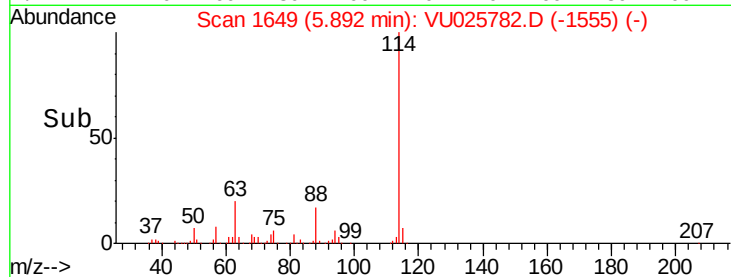
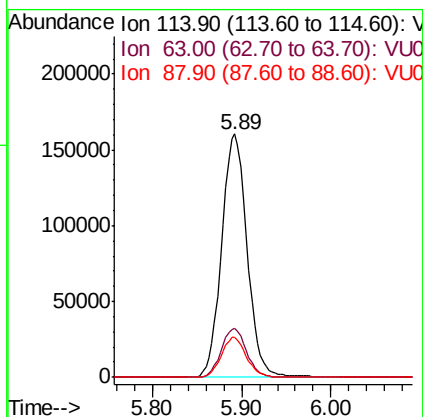
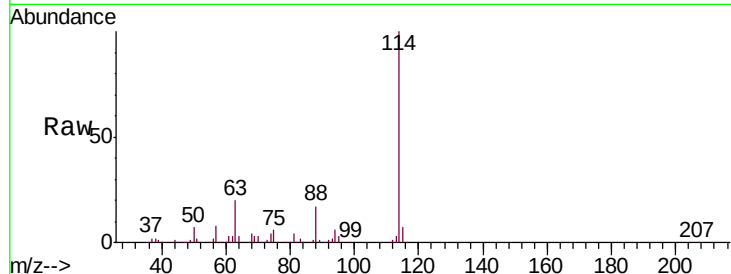
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025782.D
 Acq: 01 Aug 2018 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-073118

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	317247		
63	20.1	0.0	41.6	
88	16.6	0.0	32.4	

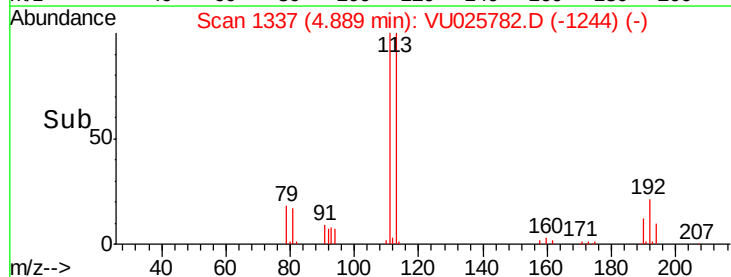
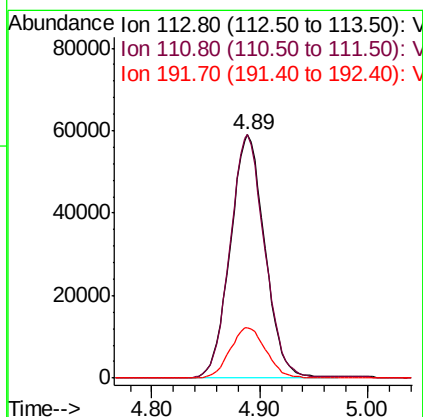
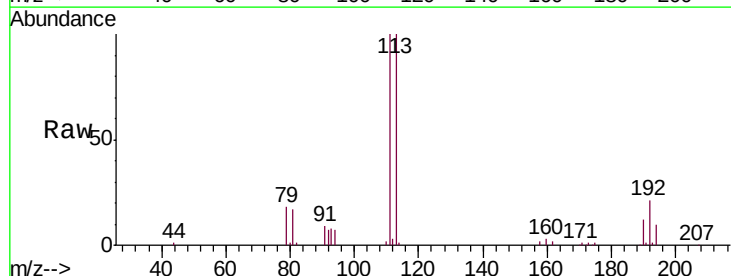
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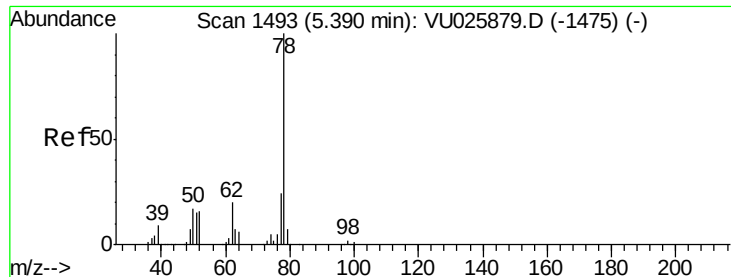
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#35
 Dibromofluoromethane
 Concen: 47.754 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025782.D
 Acq: 01 Aug 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	131765		
111	100.1	81.7	122.5	
192	21.4	17.1	25.7	





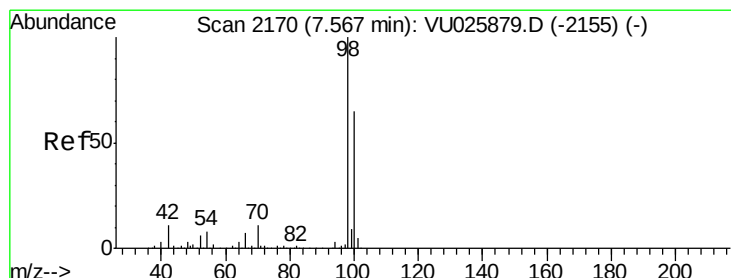
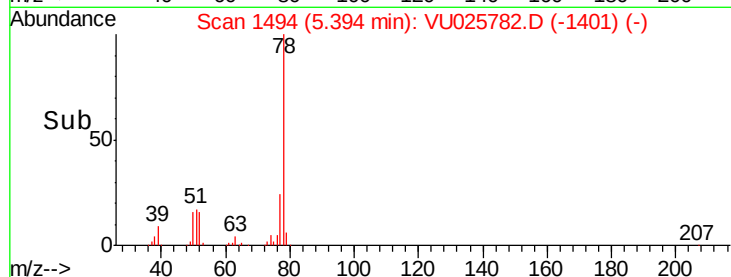
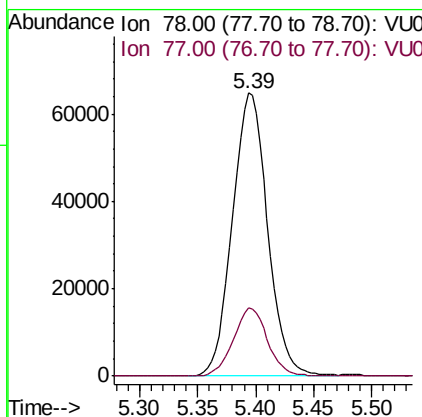
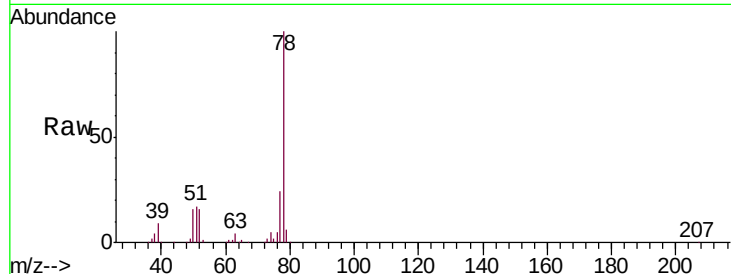
#40
Benzene
Concen: 12.572 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025782.D
Acq: 01 Aug 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
DUP-073118

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.6

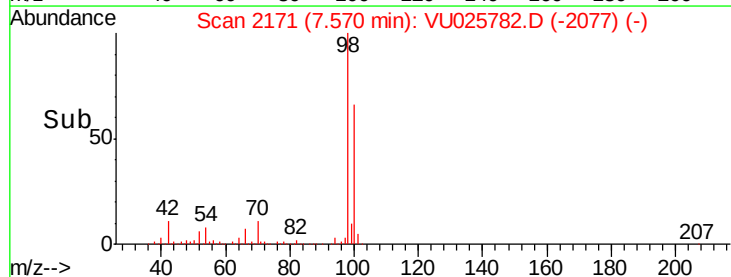
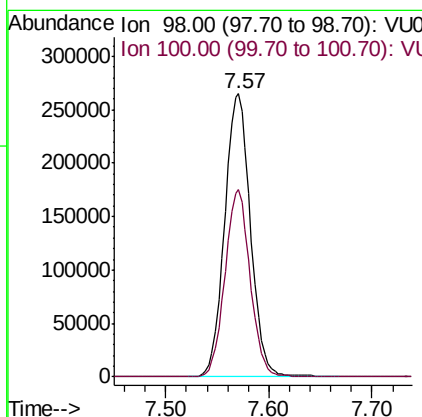
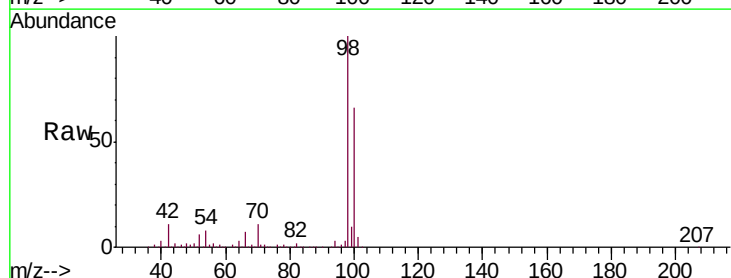
Manual Integrations
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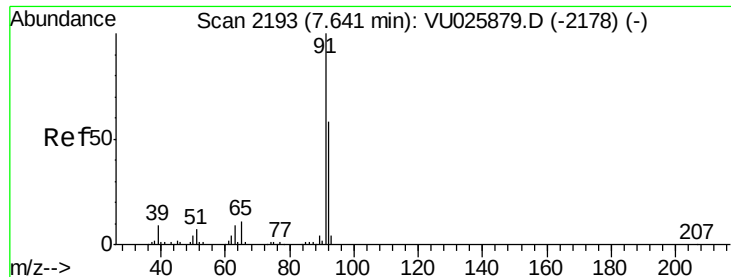
MMDadoda
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#50
Toluene-d8
Concen: 47.852 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025782.D
Acq: 01 Aug 2018 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7





#52

Toluene

Concen: 0.906 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Instrument :

MSVOA_U

ClientSampleId :

DUP-073118

Tgt Ion: 92 Resp: 6101

Ion Ratio Lower Upper

92 100

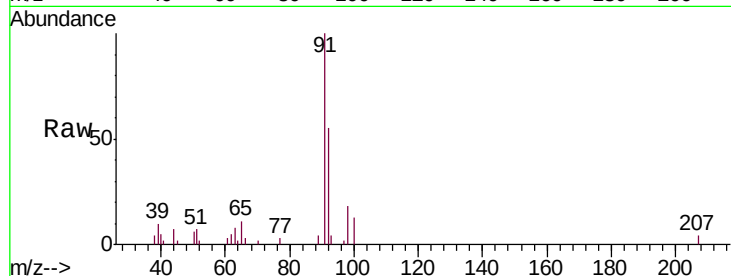
91 174.6 139.2 208.8

Manual Integrations

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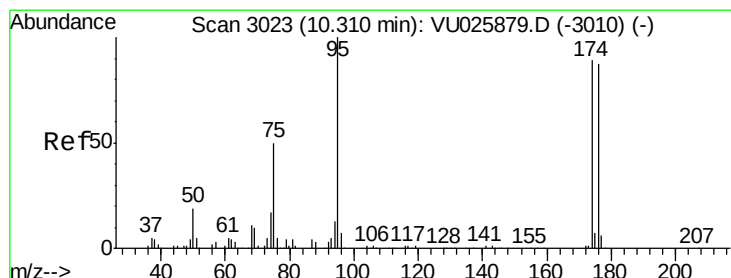
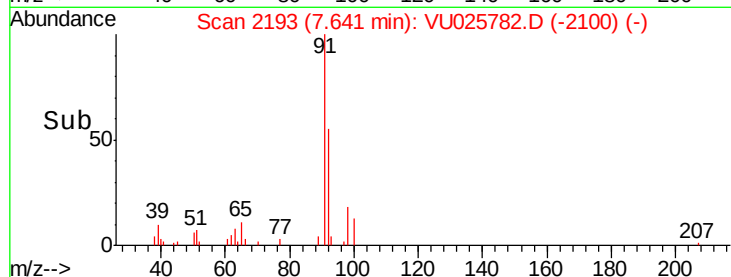
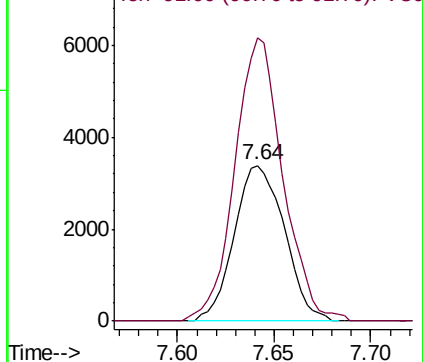
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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 50.082 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

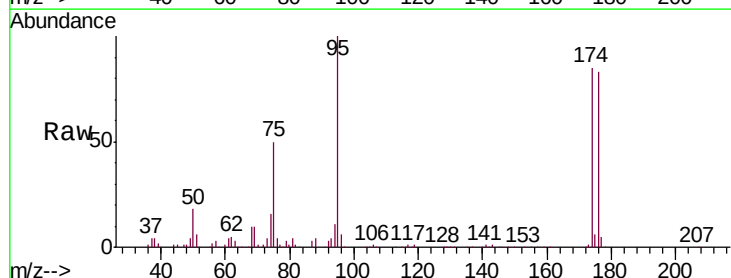
Tgt Ion: 95 Resp: 187695

Ion Ratio Lower Upper

95 100

174 86.5 0.0 172.2

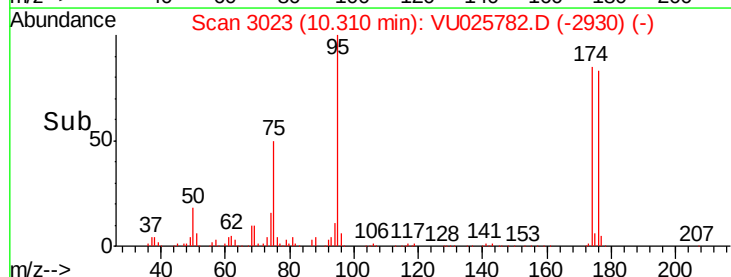
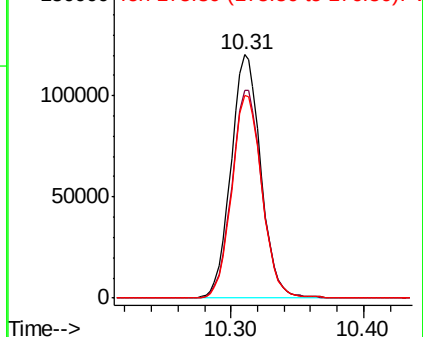
176 84.2 0.0 162.6

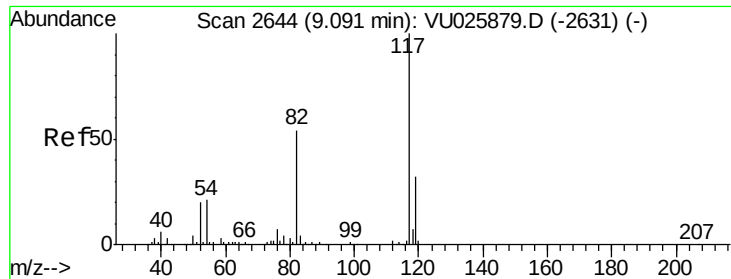


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





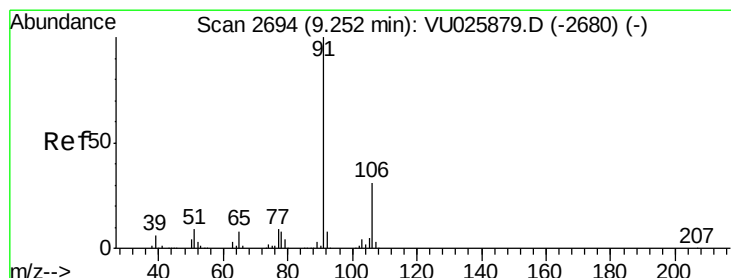
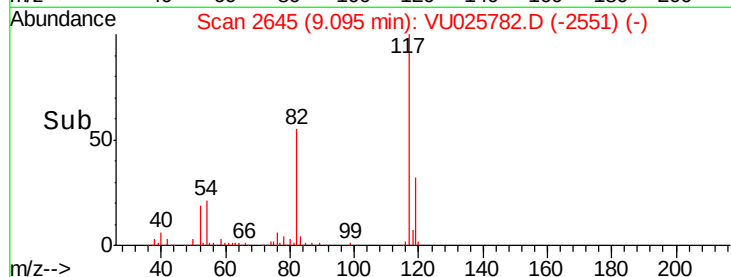
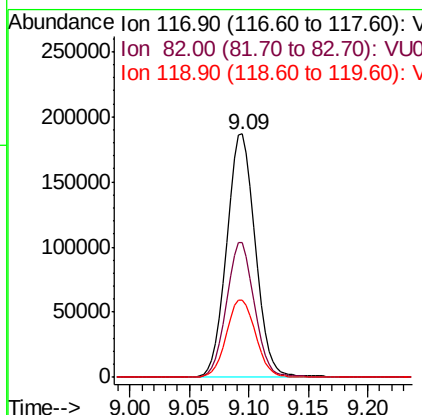
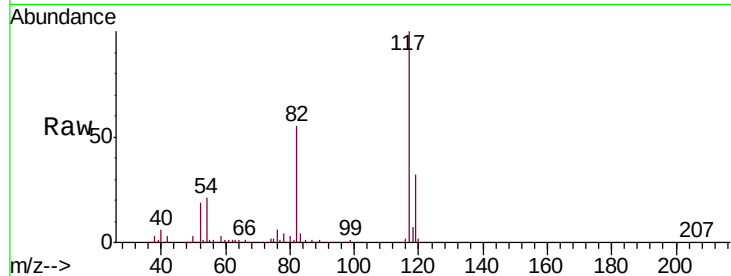
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025782.D
Acq: 01 Aug 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
DUP-073118

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	312633		
82	55.2	46.0	69.0	
119	31.7	26.0	39.0	

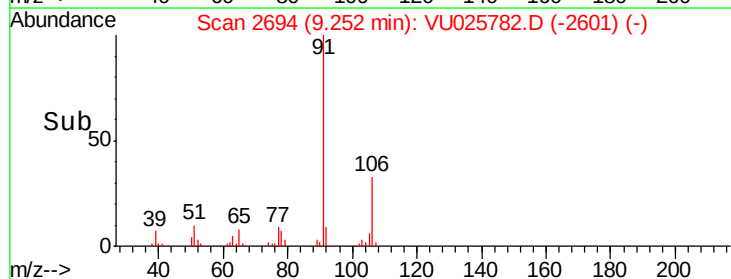
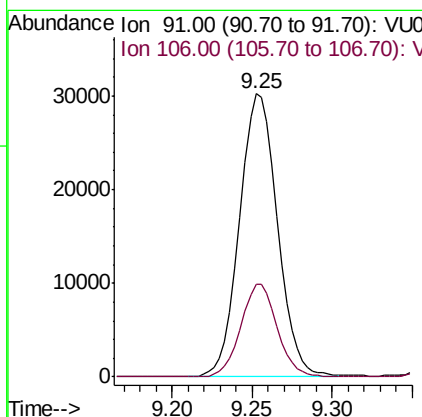
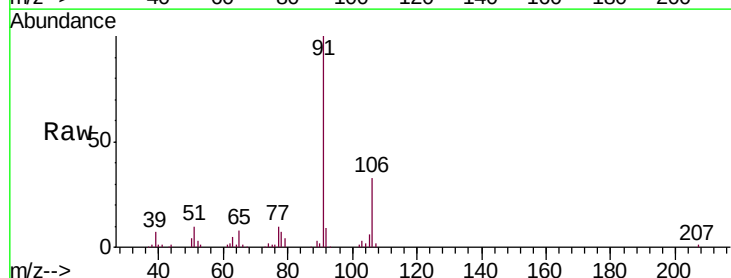
Manual Integrations
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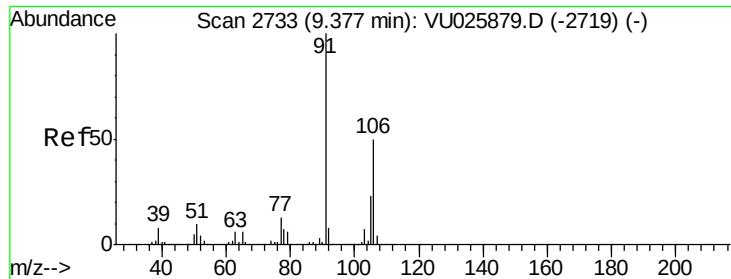
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#67
Ethyl Benzene
Concen: 3.672 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025782.D
Acq: 01 Aug 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	49021		
106	32.7	25.3	37.9	





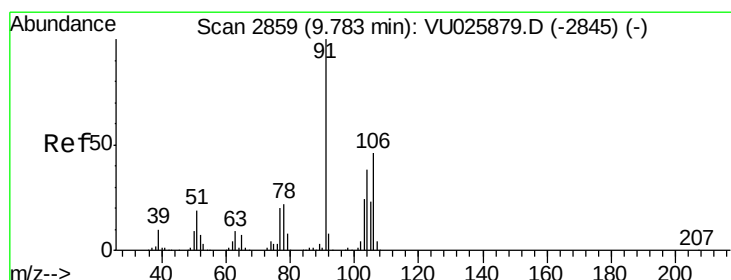
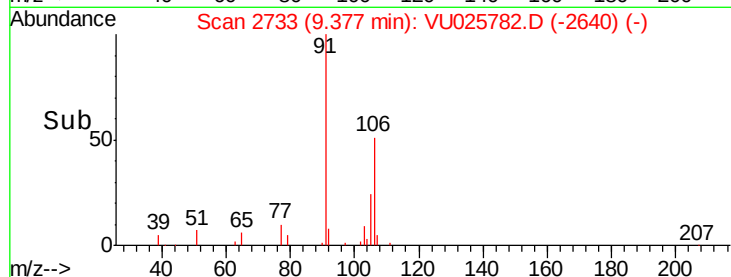
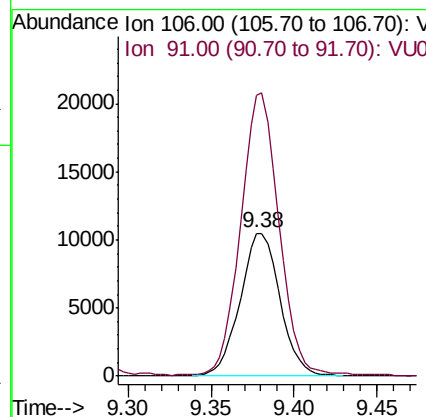
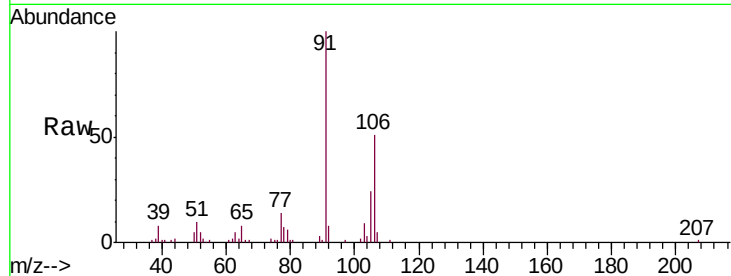
#68
m/p-Xylenes
Concen: 3.429 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025782.D
Acq: 01 Aug 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
DUP-073118

Tgt Ion:106 Resp: 17575
Ion Ratio Lower Upper
106 100
91 192.0 162.3 243.5

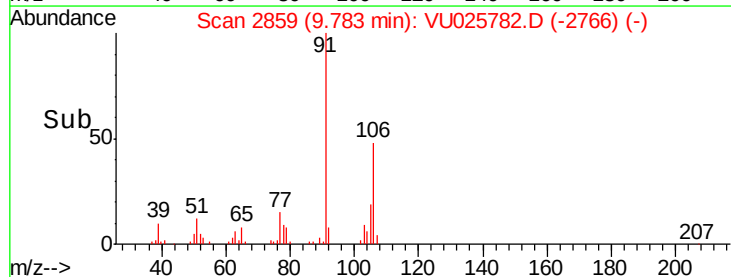
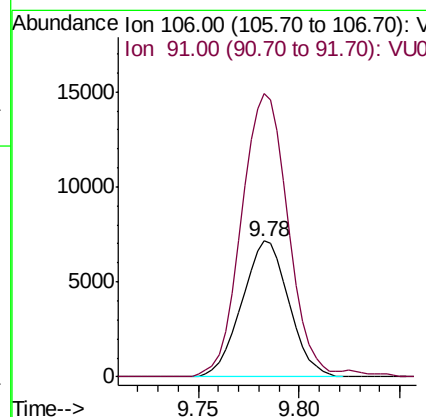
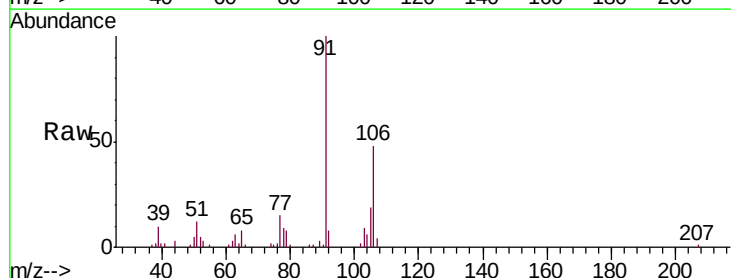
Manual Integrations
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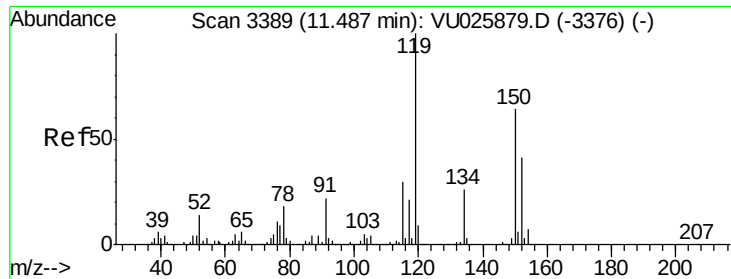
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8/2/2018 9:45:07 AM



#69
o-Xylene
Concen: 2.325 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025782.D
Acq: 01 Aug 2018 17:29

Tgt Ion:106 Resp: 11650
Ion Ratio Lower Upper
106 100
91 206.2 105.3 315.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Instrument :

MSVOA_U

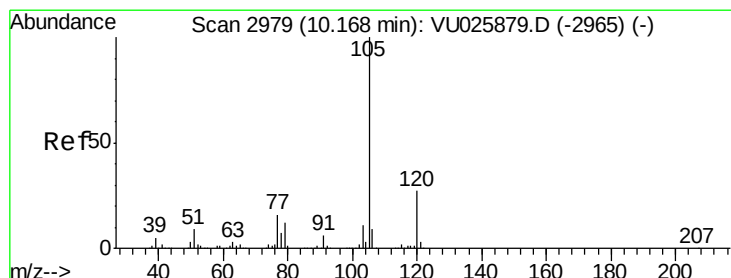
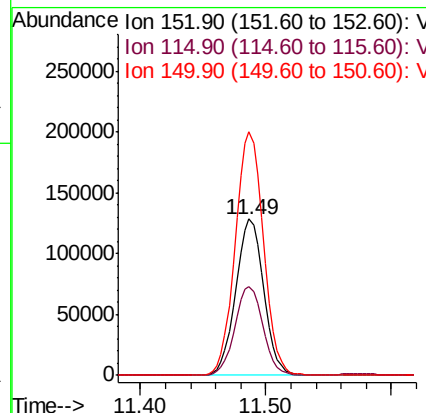
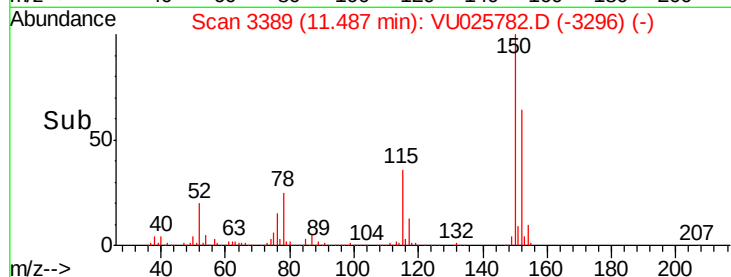
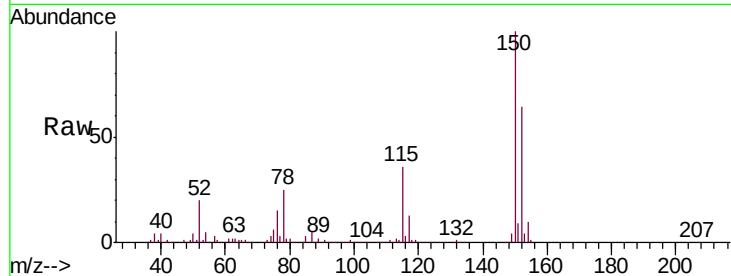
ClientSampleId :

DUP-073118

Tgt Ion:	152	Resp:	198503
Ion Ratio	Lower	Upper	
152	100		
115	56.3	40.1	120.3
150	157.0	0.0	351.4

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#73

Isopropylbenzene

Concen: 7.282 ug/l

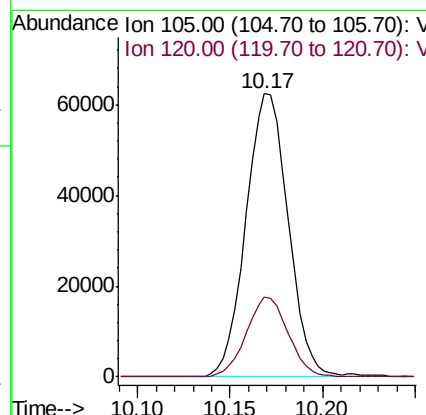
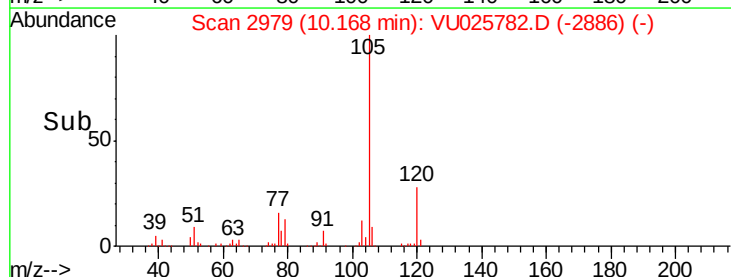
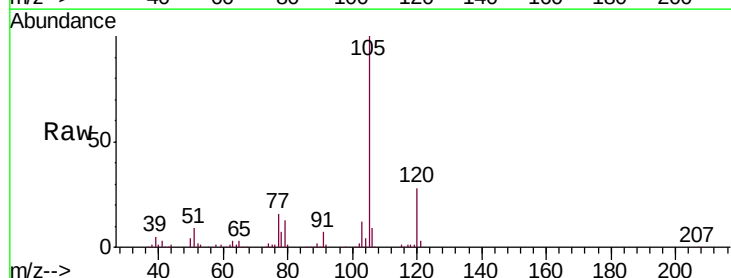
RT: 10.17 min Scan# 2979

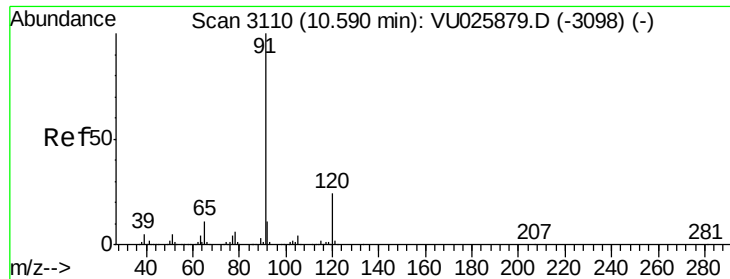
Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Tgt Ion:	105	Resp:	98662
Ion Ratio	Lower	Upper	
105	100		
120	28.0	13.5	40.5





#78

n-propylbenzene

Concen: 2.051 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Instrument :

MSVOA_U

ClientSampleId :

DUP-073118

Tgt Ion: 91 Resp: 32437

Ion Ratio Lower Upper

91 100

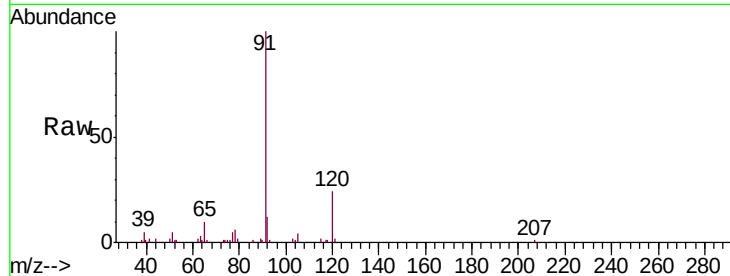
120 22.9 11.8 35.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU025782.D (-3017) (-)

Ion 120.00 (119.70 to 120.70): VU025782.D (-3017) (-)

10.59

20000

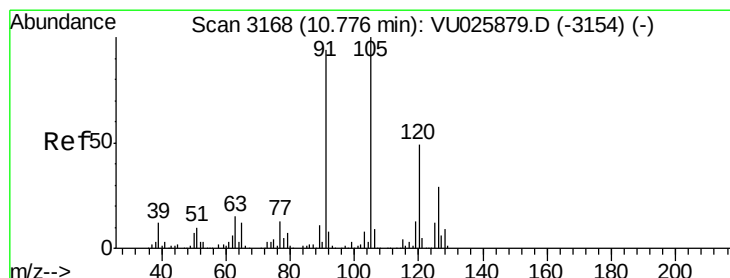
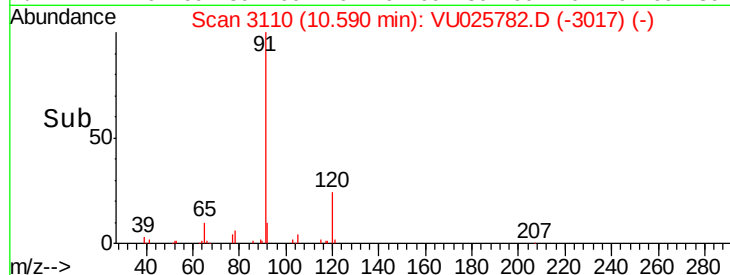
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.276 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025782.D

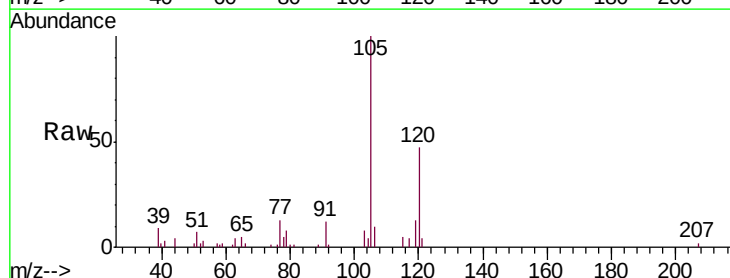
Acq: 01 Aug 2018 17:29

Tgt Ion: 105 Resp: 14678

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025782.D (-3075) (-)

Ion 120.00 (119.70 to 120.70): VU025782.D (-3075) (-)

10.78

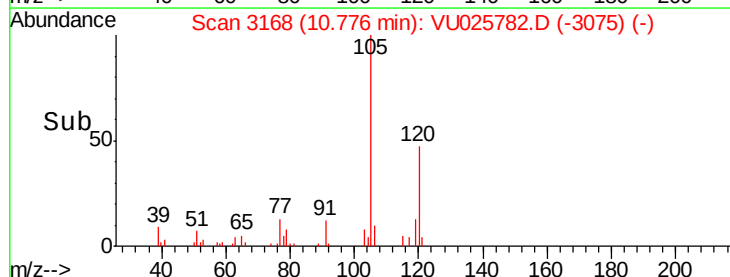
15000

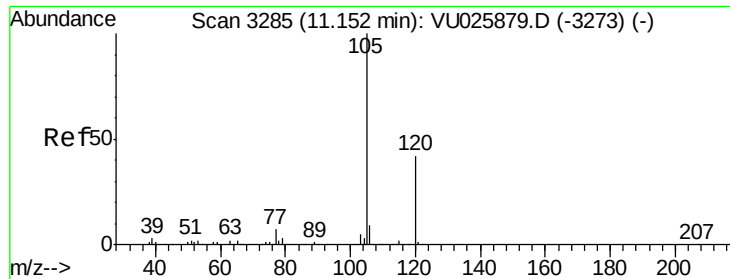
10000

5000

0

Time-->





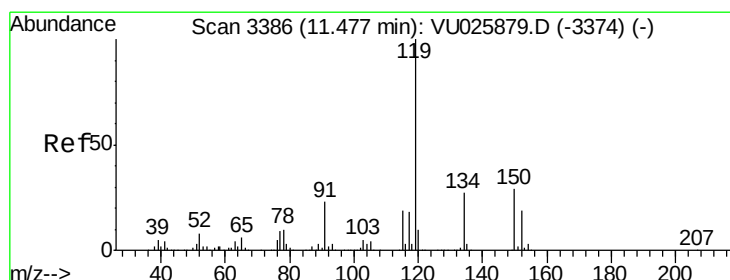
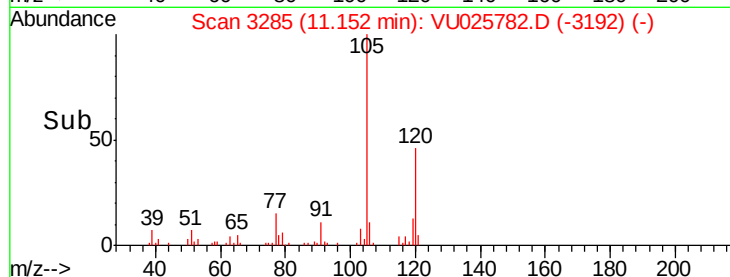
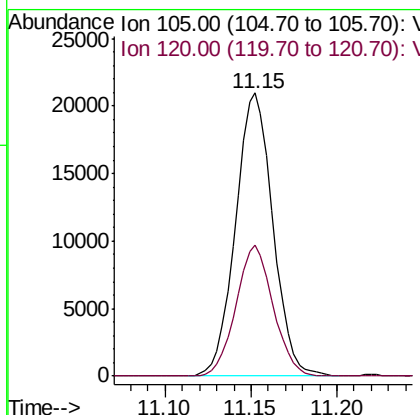
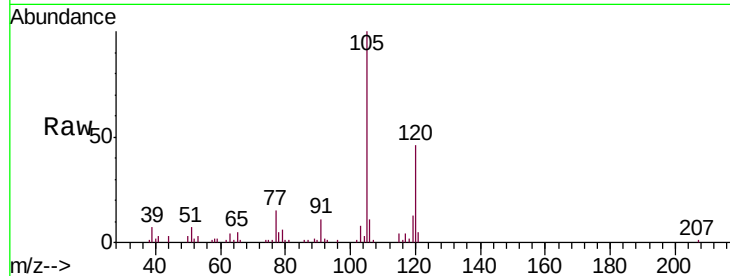
#84
 1,2,4-Trimethylbenzene
 Concen: 2.717 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025782.D
 Acq: 01 Aug 2018 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-073118

Tgt Ion:105 Resp: 31675
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8

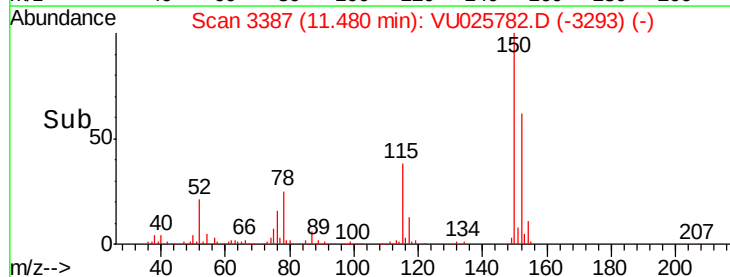
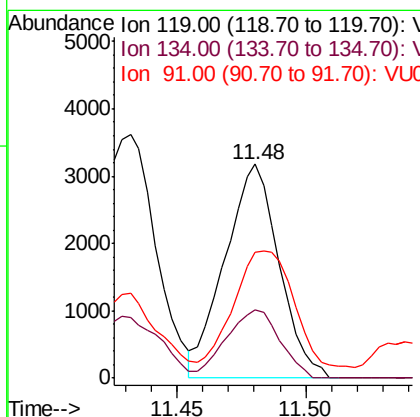
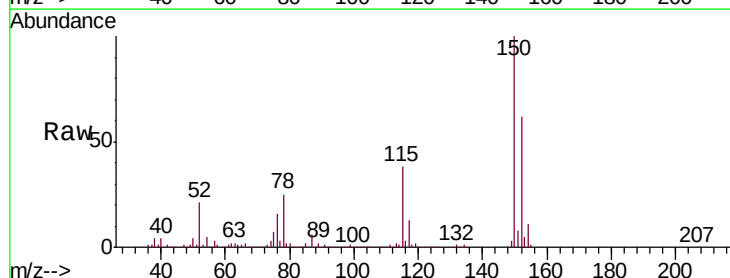
Manual Integrations
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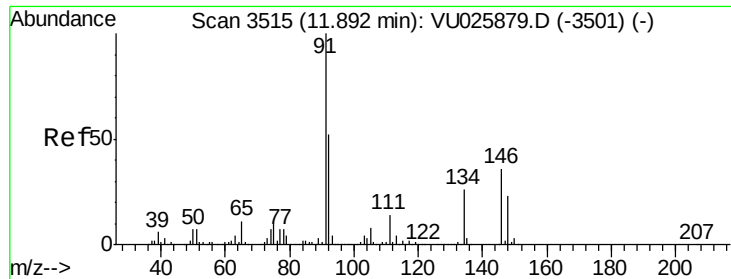
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 8/2/2018 9:45:07 AM



#86
 p-Isopropyltoluene
 Concen: 0.372 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025782.D
 Acq: 01 Aug 2018 17:29

Tgt Ion:119 Resp: 4651
 Ion Ratio Lower Upper
 119 100
 134 31.3 13.2 39.5
 91 0.0 12.0 36.1#





#89

n-Butylbenzene

Concen: 0.811 ug/l m

RT: 11.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Instrument :

MSVOA_U

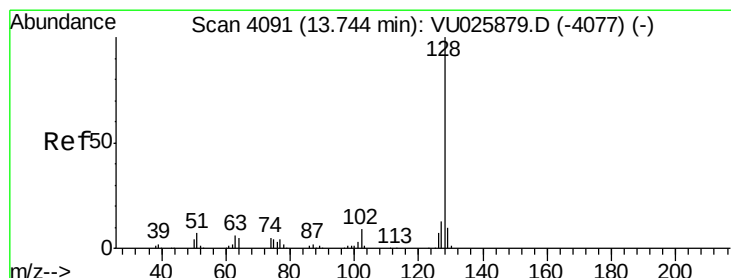
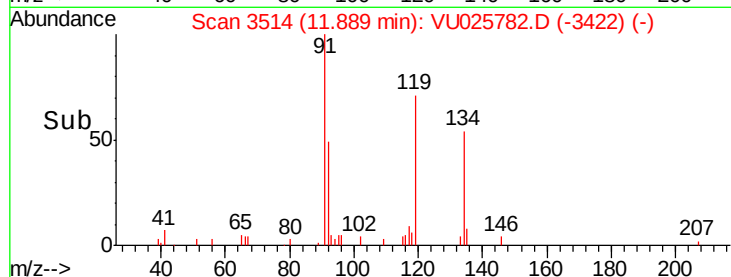
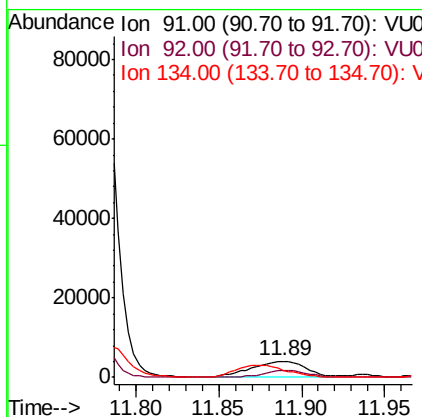
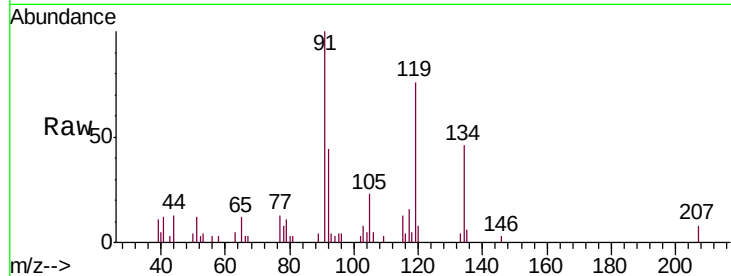
ClientSampleId :

DUP-073118

Tgt Ion:	91	Resp:	9354
Ion	Ratio	Lower	Upper
91	100		
92	341.6	26.5	79.5#
134	127.9	13.6	40.7#

Manual Integrations
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#95

Naphthalene

Concen: 297.444 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025782.D

Acq: 01 Aug 2018 17:29

Tgt Ion:	128	Resp:	4477789
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.3	12.5

