

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080618\
 Data File : VU025914.D
 Acq On : 07 Aug 2018 03:04
 Operator : MD/SY
 Sample : J4263-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0524

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 5:45:37 PM

Quant Time: Aug 08 04:06:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	201005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	323423	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	314701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	209104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152288	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	4.89	113	130460	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	7.57	98	470886	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.31	95	189472	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
31) Cyclohexane	5.00	56	173736	43.35	ug/l	97
39) Methylcyclohexane	6.42	83	339307	78.35	ug/l	99
67) Ethyl Benzene	9.25	91	1773195	131.93	ug/l	99
68) m/p-Xylenes	9.38	106	1742650	337.73	ug/l	99
69) o-Xylene	9.78	106	177951	35.29	ug/l	97
73) Isopropylbenzene	10.17	105	222405	15.58	ug/l	99
78) n-propylbenzene	10.59	91	490054	29.42	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	711201	58.68	ug/l	98
83) tert-Butylbenzene	11.10	119	7718m	0.64	ug/l	
84) 1,2,4-Trimethylbenzene	11.15	105	2260587	184.05	ug/l	98
85) sec-Butylbenzene	11.33	105	122874	8.36	ug/l	99
86) p-Isopropyltoluene	11.48	119	125574	9.54	ug/l	99
95) Naphthalene	13.74	128	516168	33.66	ug/l	99

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

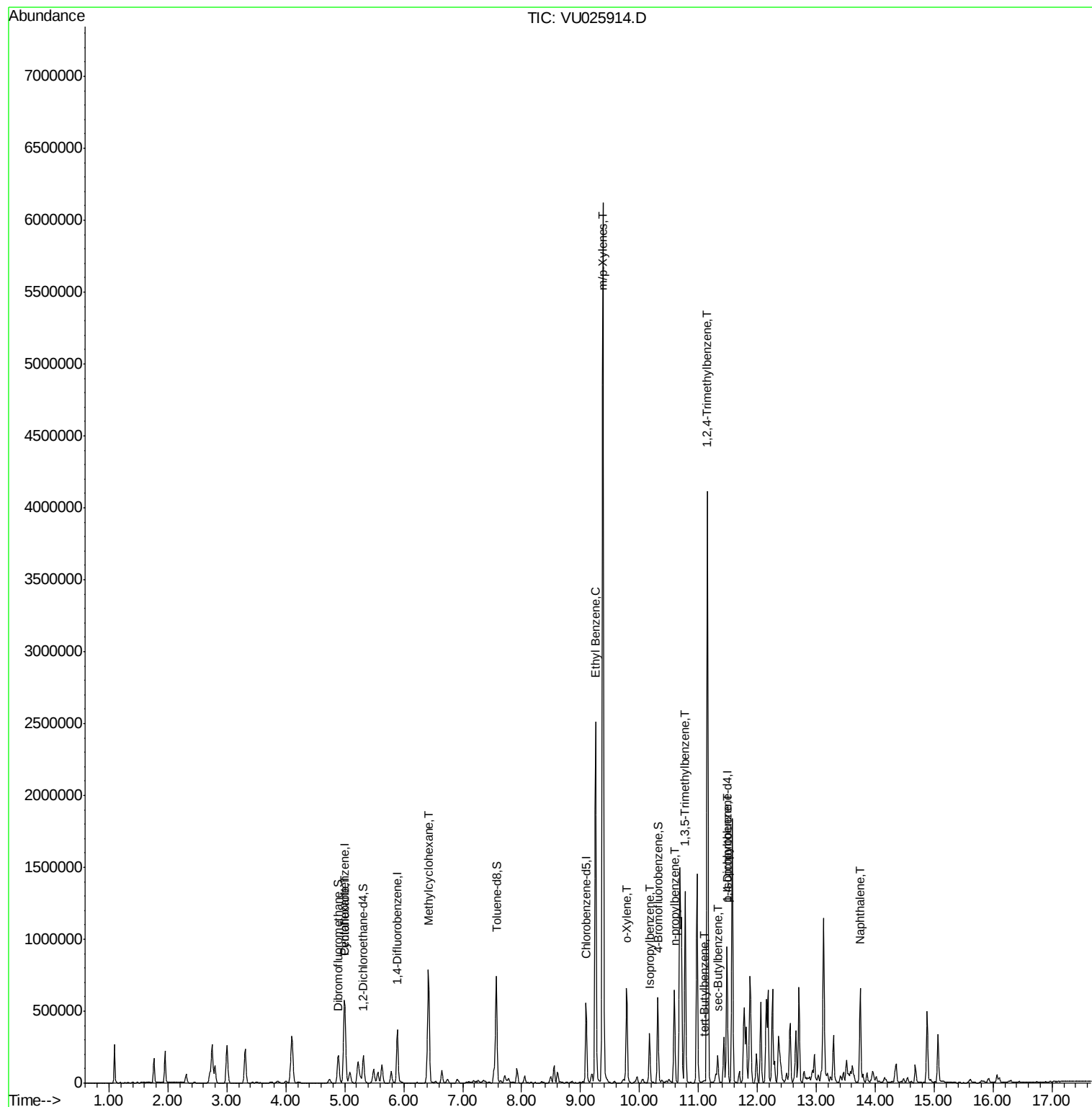
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080618\
Data File : VU025914.D
Acq On : 07 Aug 2018 03:04
Operator : MD/SY
Sample : J4263-10
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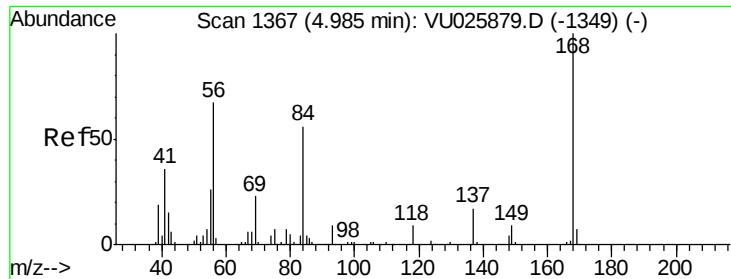
Instrument :
MSVOA_U
ClientSampleId :
FL-0524

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Quant Time: Aug 08 04:06:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

Instrument :

MSVOA_U

ClientSampled :

FL-0524

Tot Ion:168 Resp: 201005

Ion Ratio Lower Upper

168 100

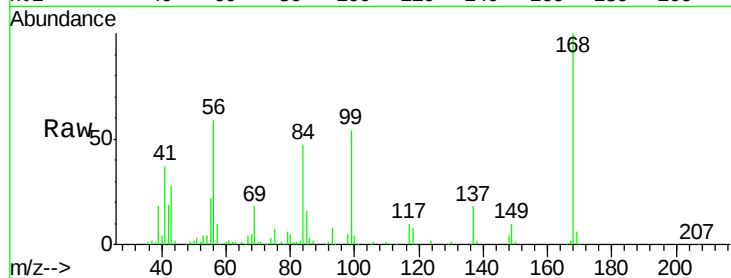
99 54.0 42.8 64.2

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

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

100000

80000

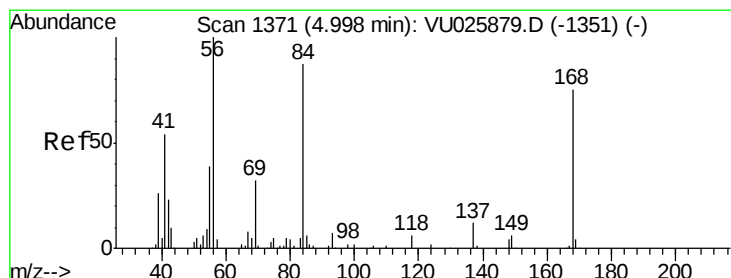
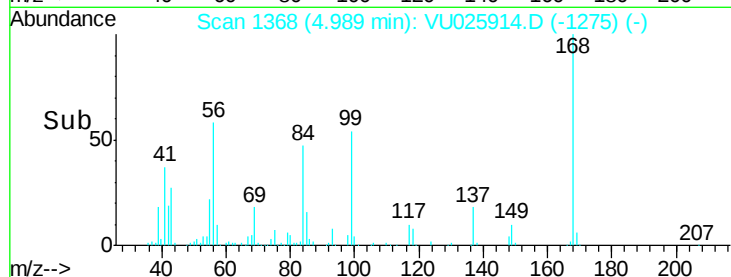
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 43.35 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

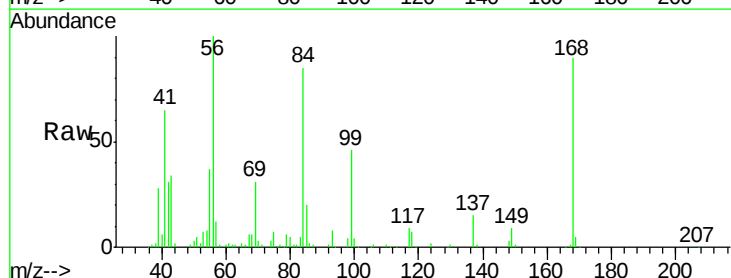
Tgt Ion: 56 Resp: 173736

Ion Ratio Lower Upper

56 100

69 31.0 26.8 40.2

84 84.8 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1351) (-)

Ion 84.00 (83.70 to 84.70): VU025879.D (-1351) (-)

5.00

100000

80000

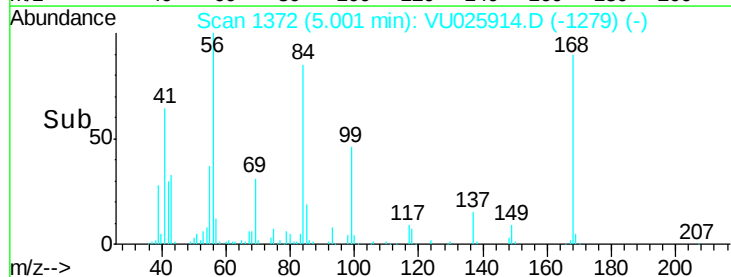
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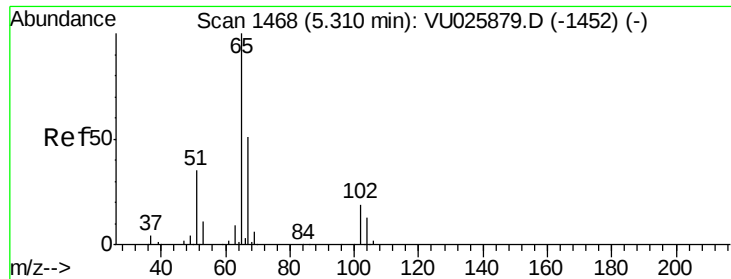
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.63 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

Instrument :

MSVOA_U

ClientSampleId :

FL-0524

Tot Ion: 65 Resp: 152288

Ion Ratio Lower Upper

65 100

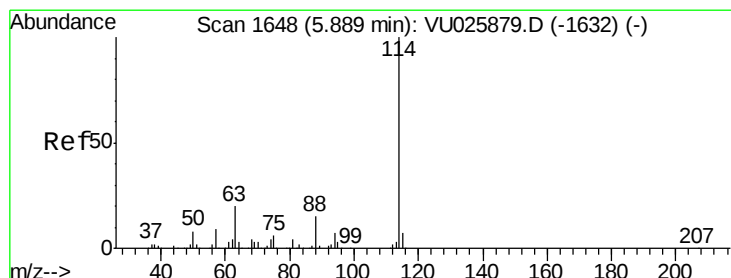
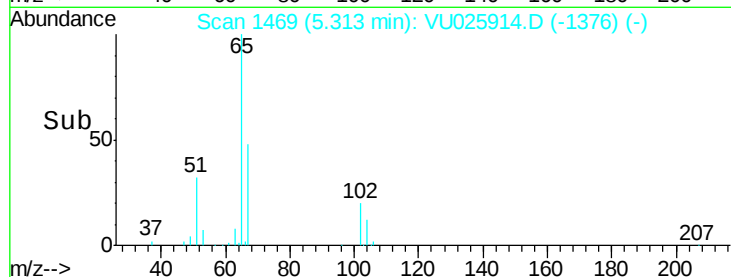
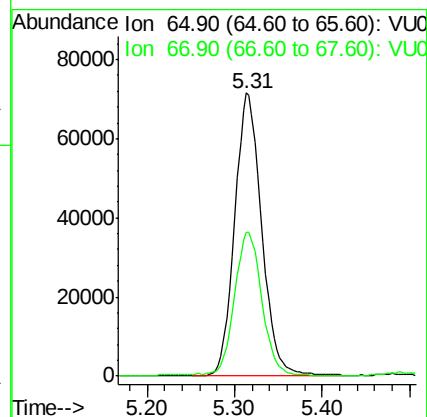
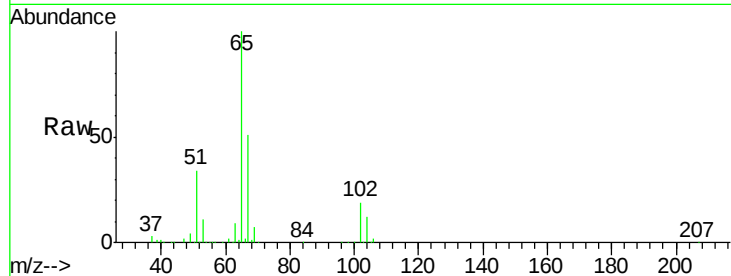
67 51.8 0.0 103.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

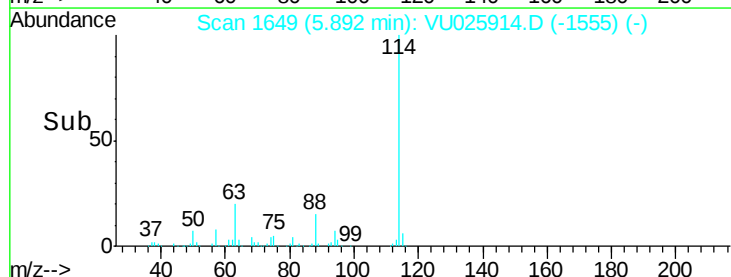
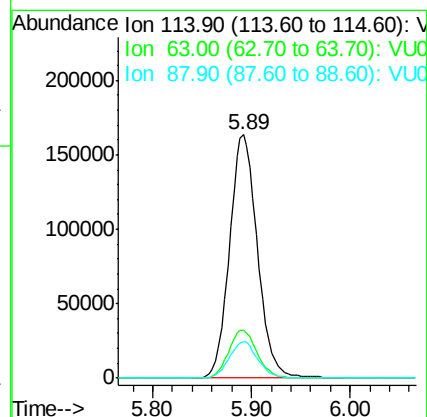
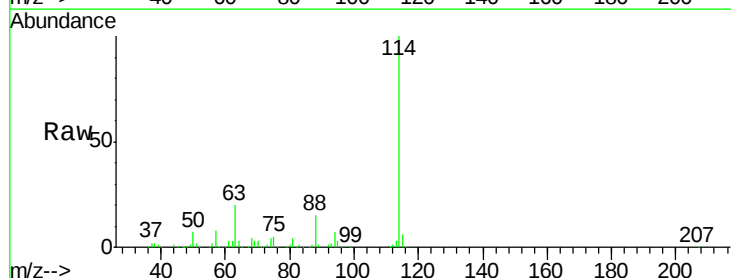
Tgt Ion: 114 Resp: 323423

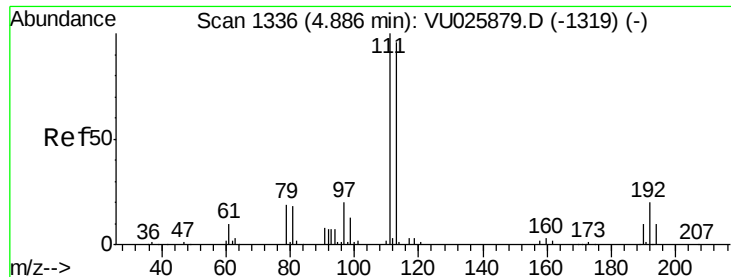
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.1 0.0 32.4





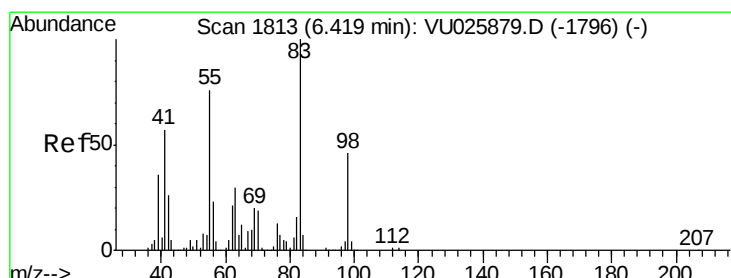
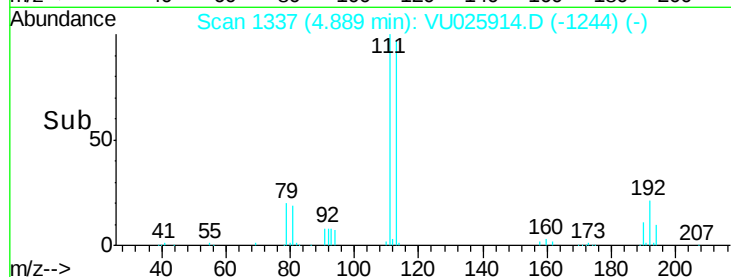
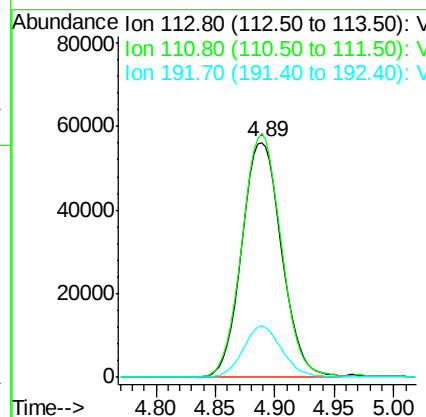
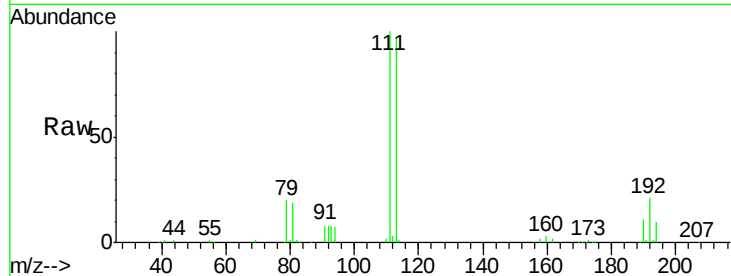
#35
 Dibromofluoromethane
 Concen: 46.38 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025914.D
 Acq: 07 Aug 2018 03:04

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0524

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	81.7	122.5	
192	21.3	17.1	25.7	

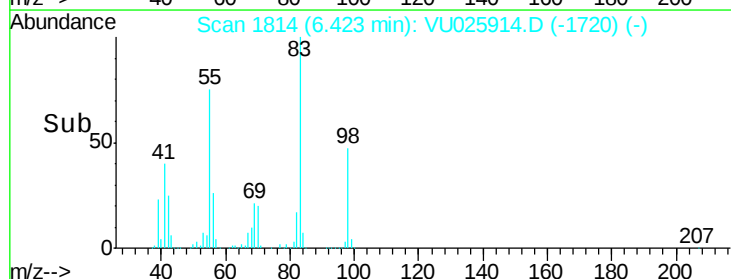
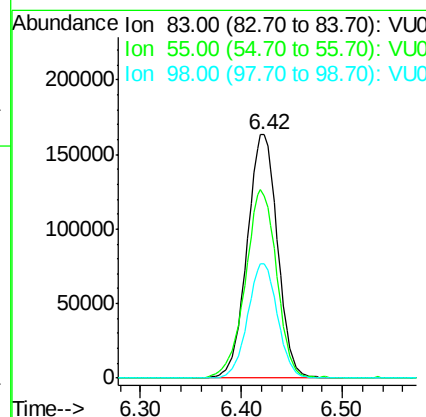
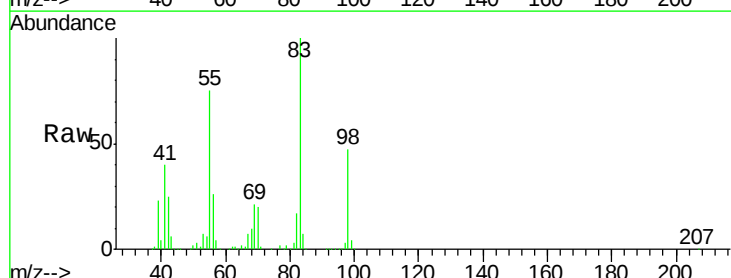
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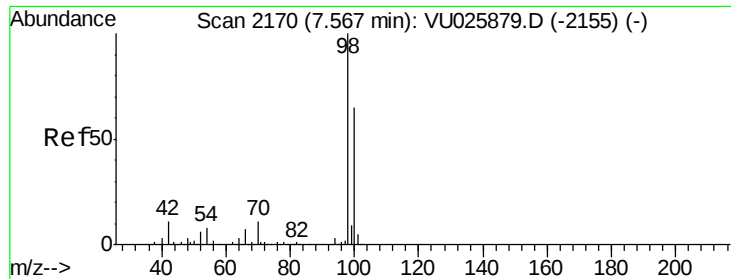
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#39
 Methylcyclohexane
 Concen: 78.35 ug/l
 RT: 6.42 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: VU025914.D
 Acq: 07 Aug 2018 03:04

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.1	60.0	90.0	
98	47.0	36.1	54.1	





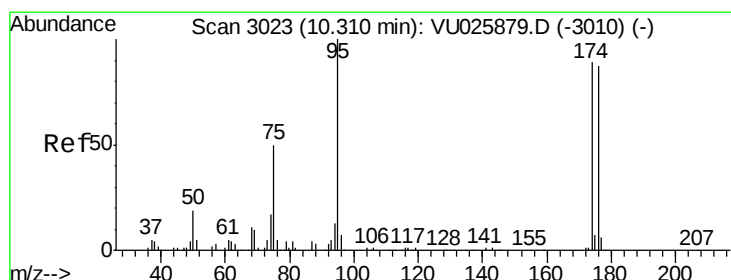
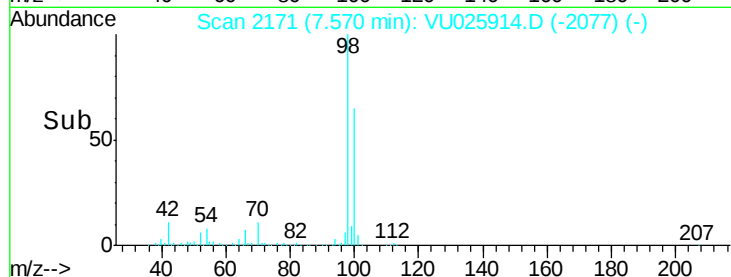
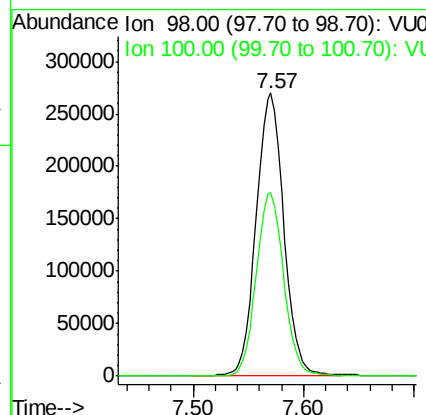
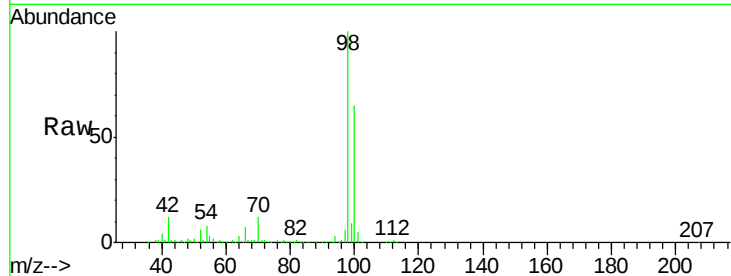
#50
Toluene-d8
Concen: 47.84 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Instrument :
MSVOA_U
ClientSampleId :
FL-0524

Tot Ion: 98 Resp: 470886
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7

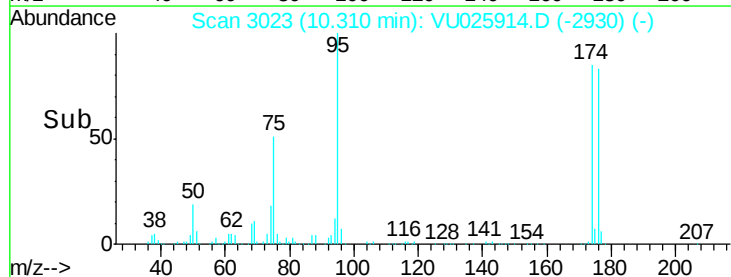
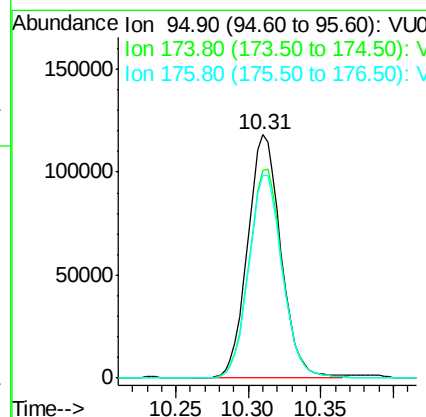
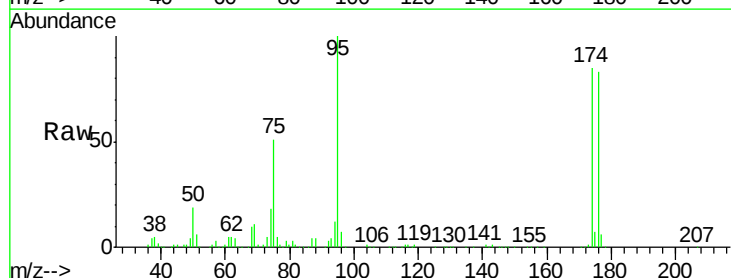
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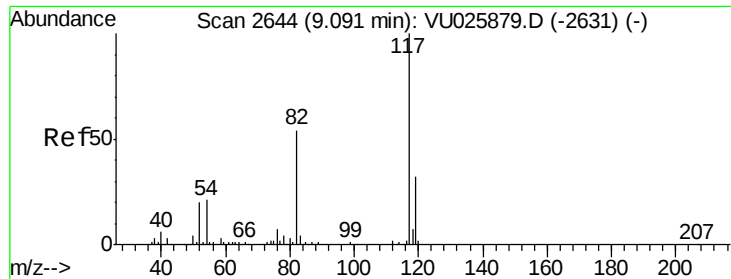
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#62
4-Bromofluorobenzene
Concen: 49.59 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Tgt Ion: 95 Resp: 189472
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.2
176 84.0 0.0 162.6





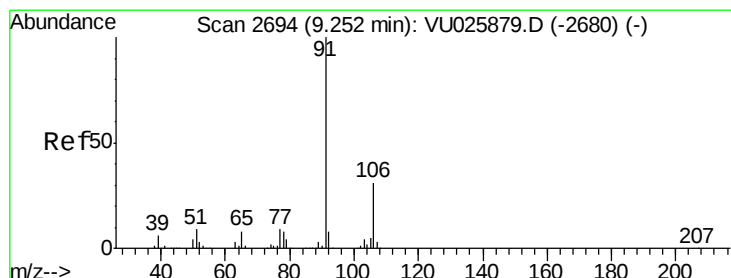
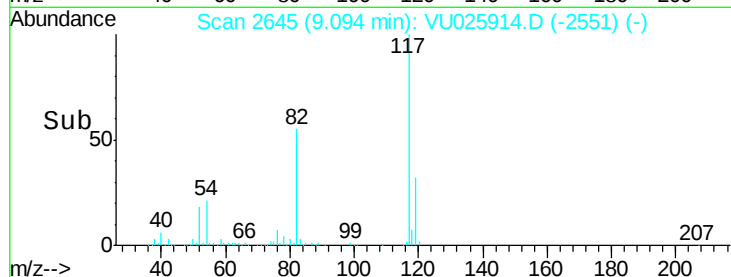
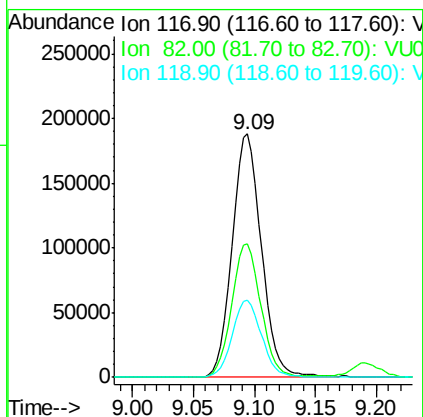
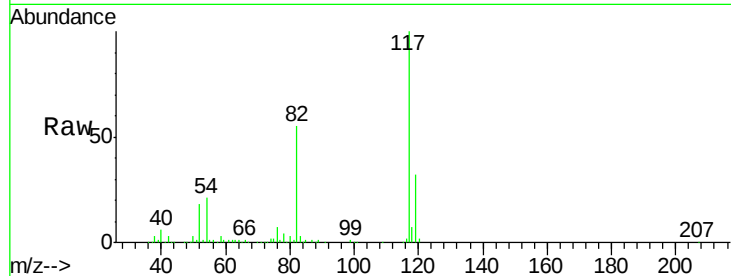
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Instrument :
MSVOA_U
ClientSampled :
FL-0524

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.0	69.0
119	31.7	26.0	39.0

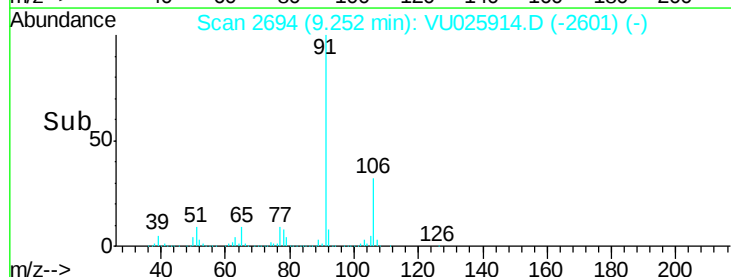
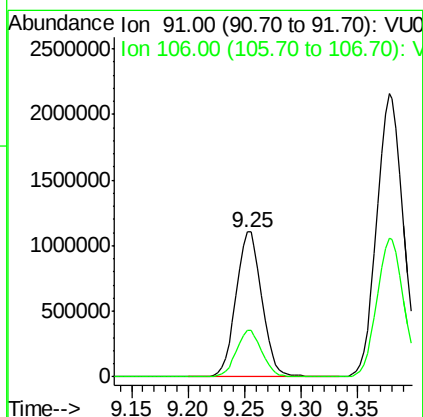
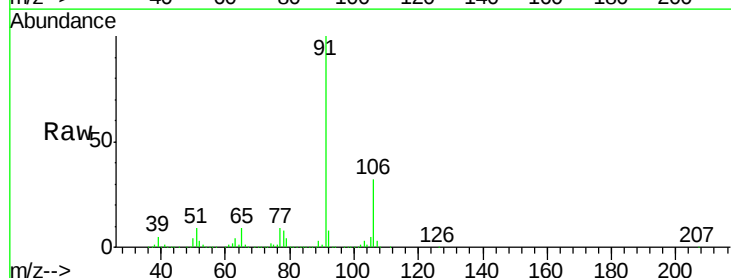
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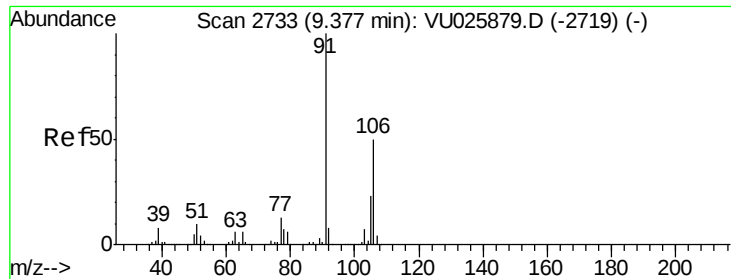
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#67
Ethyl Benzene
Concen: 131.93 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.3	37.9





#68

m/p-Xylenes

Concen: 337.73 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

Instrument :

MSVOA_U

ClientSampled :

FL-0524

Tot Ion:106 Resp: 1742650

Ion Ratio Lower Upper

106 100

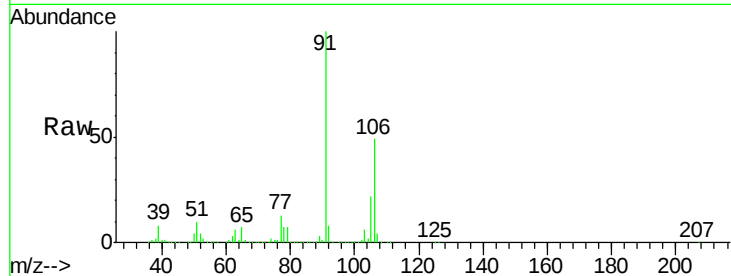
91 202.0 162.3 243.5

Manual Integrations

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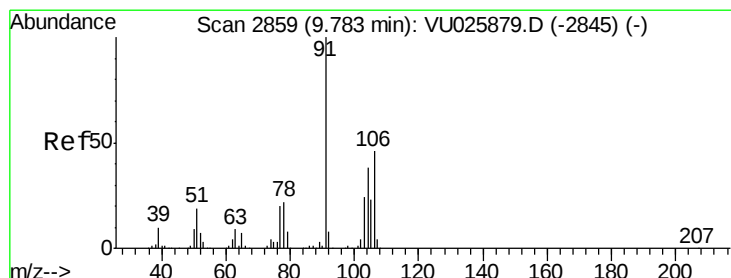
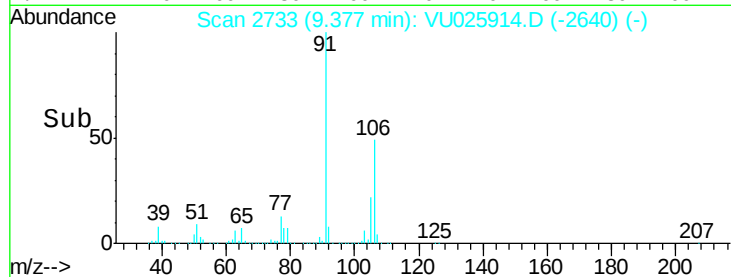
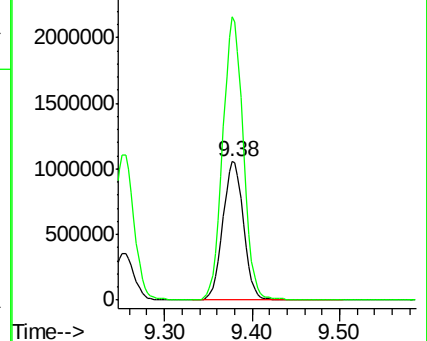
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 35.29 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025914.D

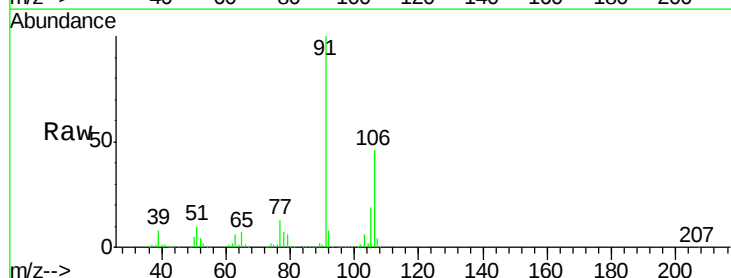
Acq: 07 Aug 2018 03:04

Tgt Ion:106 Resp: 177951

Ion Ratio Lower Upper

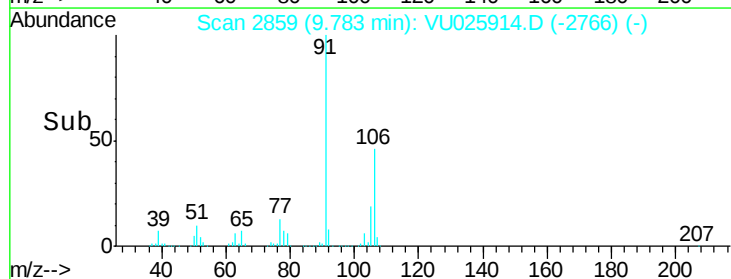
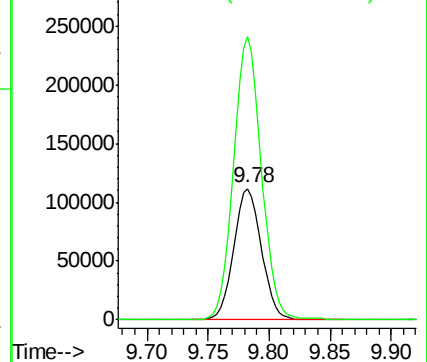
106 100

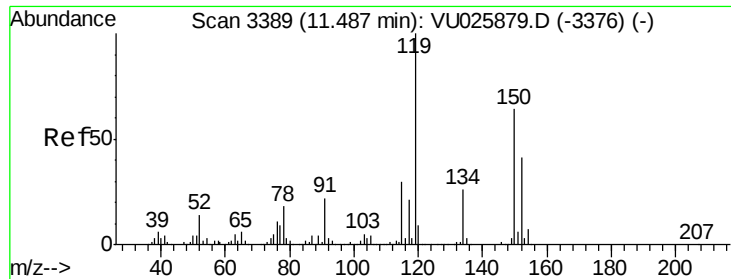
91 215.2 105.3 315.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

Instrument :

MSVOA_U

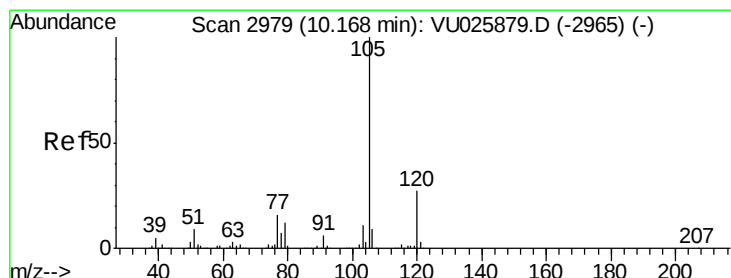
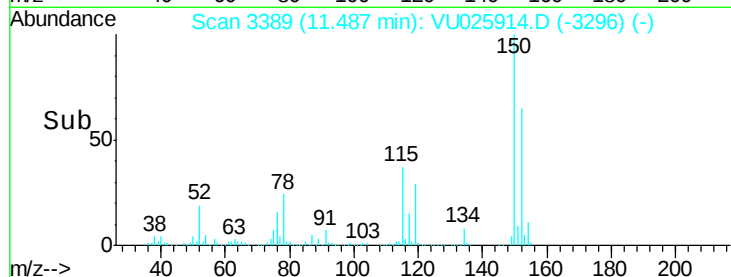
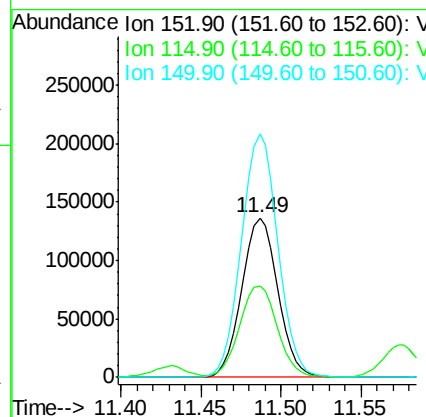
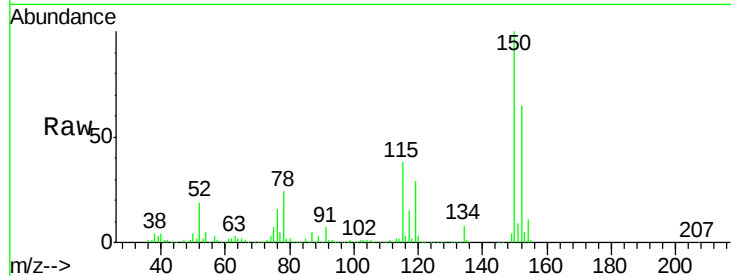
ClientSampled :

FL-0524

Tot Ion:	152	Resp:	209104
Ion Ratio	Lower	Upper	
152	100		
115	60.2	40.1	120.3
150	154.3	0.0	351.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 15.58 ug/l

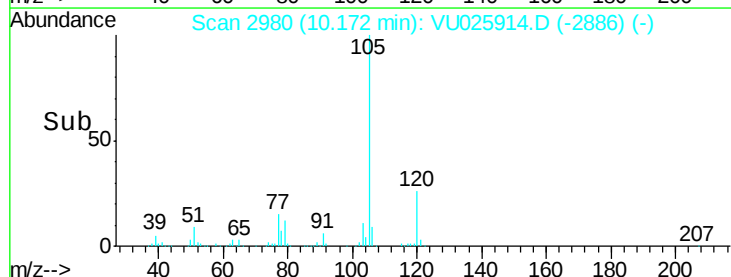
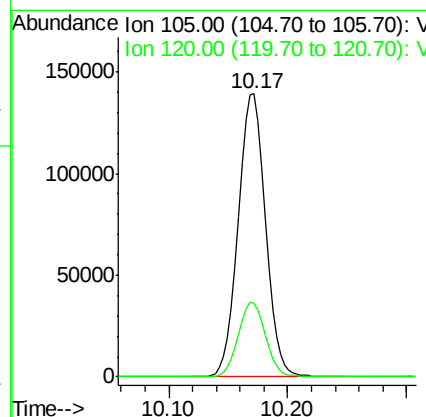
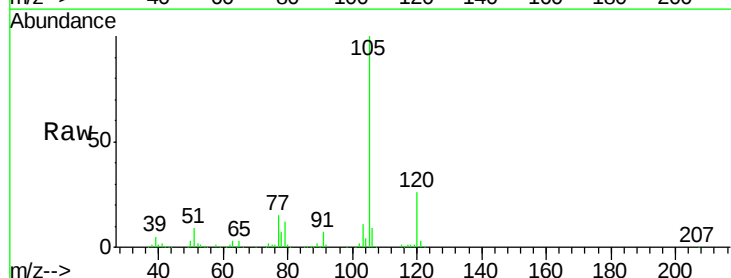
RT: 10.17 min Scan# 2980

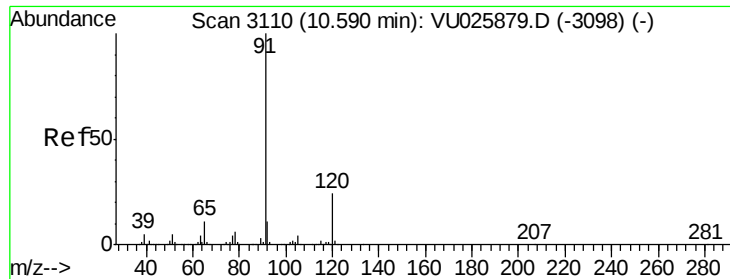
Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

Tgt Ion:	105	Resp:	222405
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.5	40.5





#78

n-propylbenzene

Concen: 29.42 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025914.D

Acq: 07 Aug 2018 03:04

Instrument :

MSVOA_U

ClientSampleId :

FL-0524

Tot Ion: 91 Resp: 490054

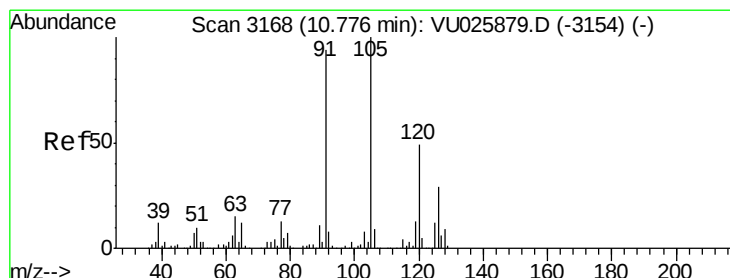
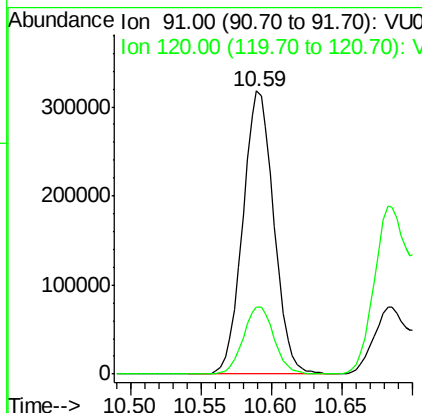
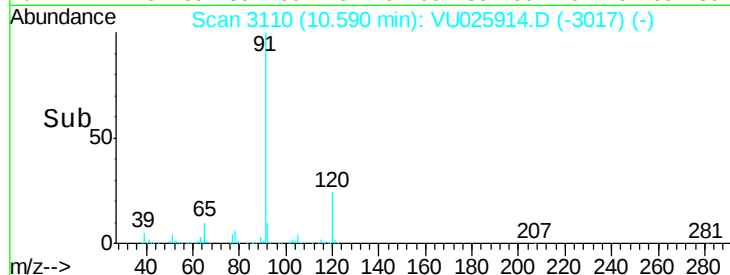
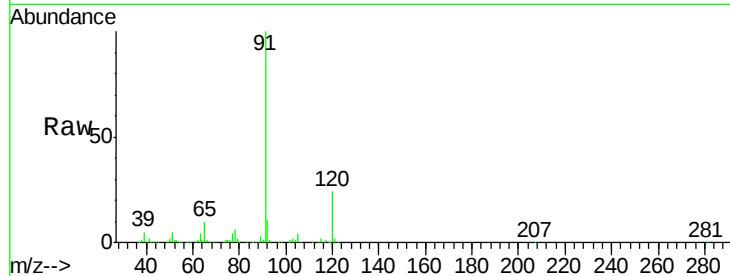
Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3

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#80

1,3,5-Trimethylbenzene

Concen: 58.68 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025914.D

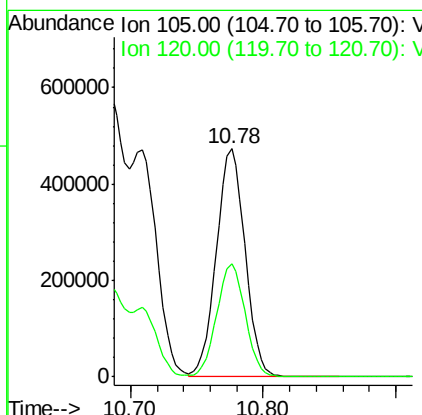
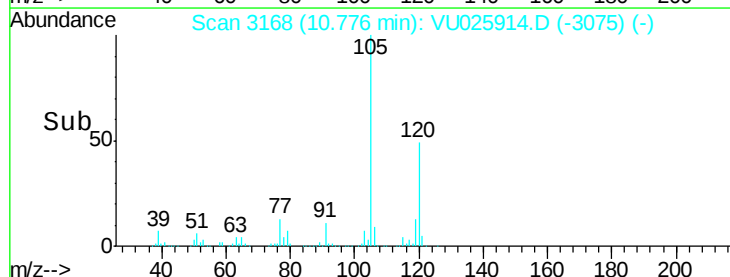
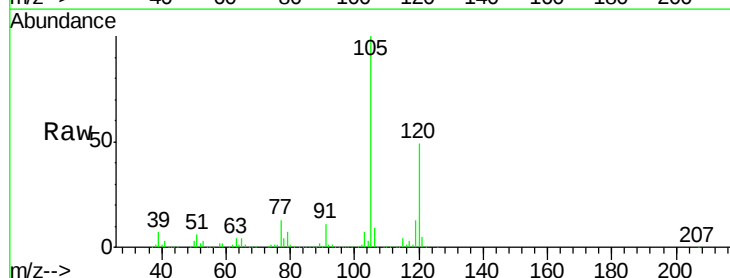
Acq: 07 Aug 2018 03:04

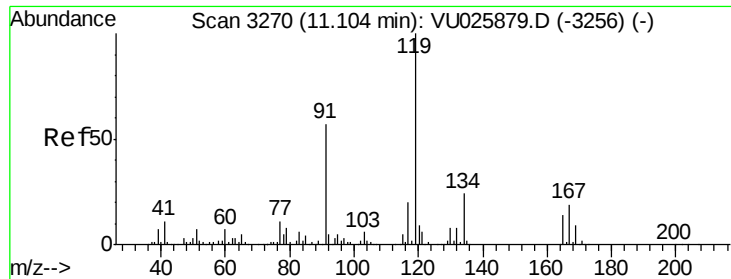
Tgt Ion: 105 Resp: 711201

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.2





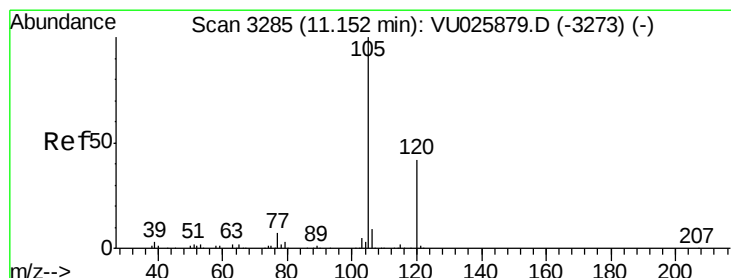
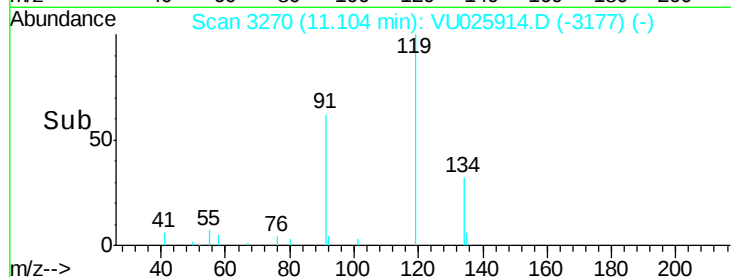
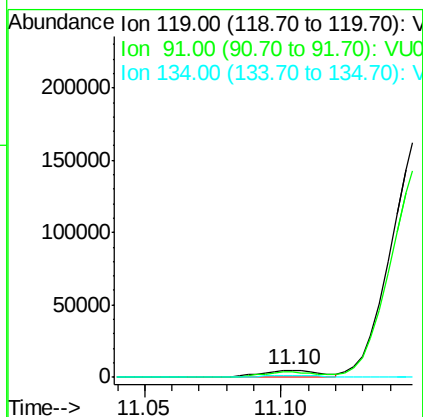
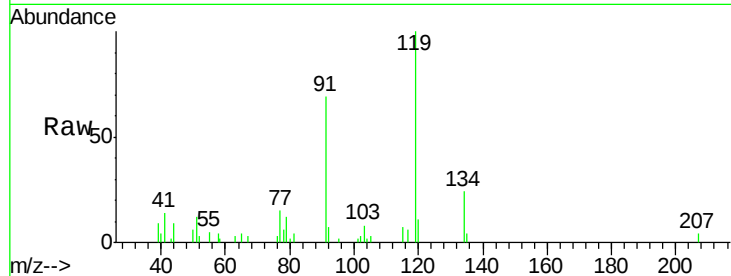
#83
tert-Butylbenzene
Concen: 0.64 ug/l m
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Instrument :
MSVOA_U
ClientSampleId :
FL-0524

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	29.7	89.1#
134	0.0	11.5	34.5#

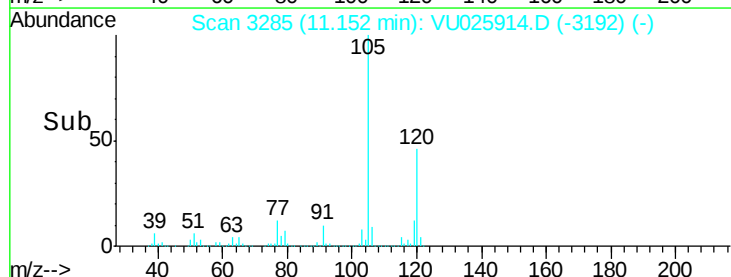
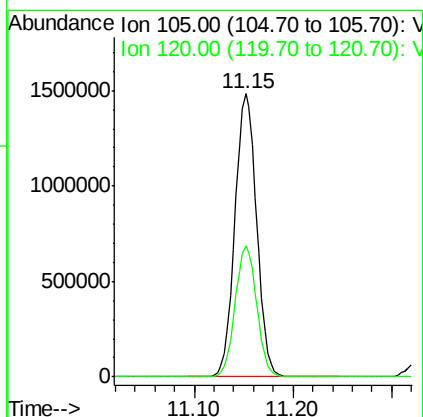
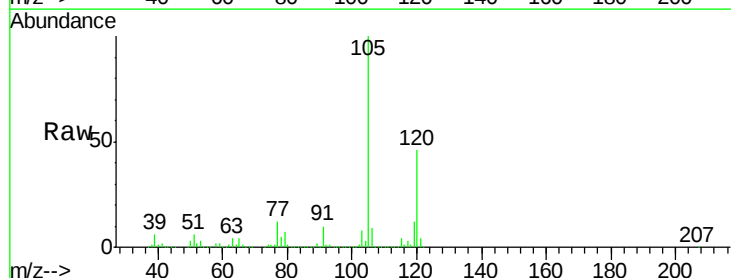
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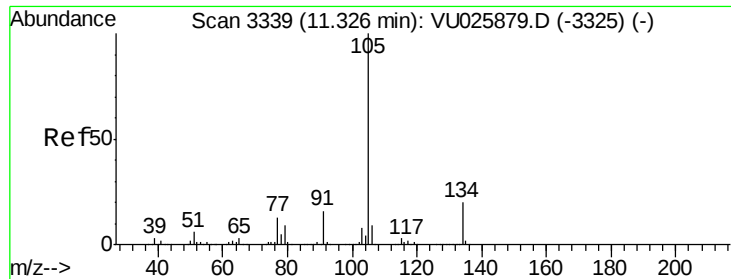
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#84
1,2,4-Trimethylbenzene
Concen: 184.05 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8





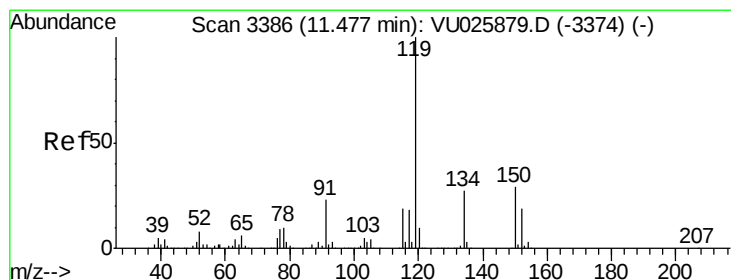
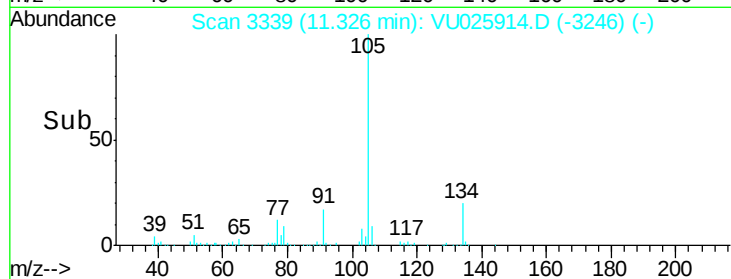
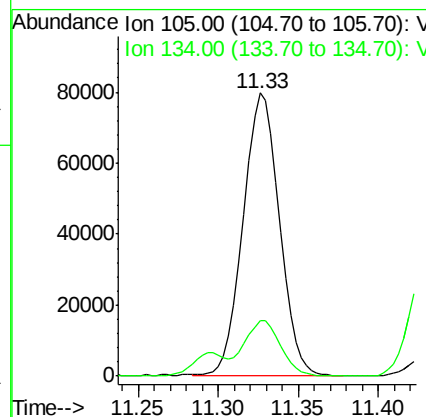
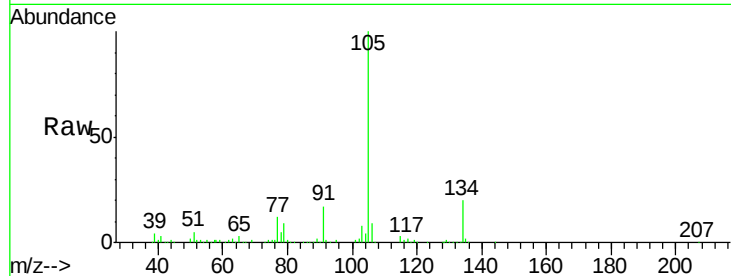
#85
 sec-Butylbenzene
 Concen: 8.36 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025914.D
 Acq: 07 Aug 2018 03:04

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0524

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.3	30.8

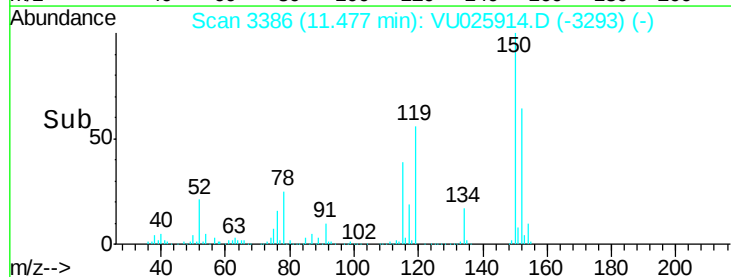
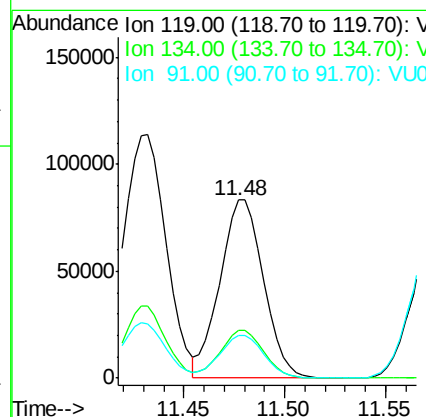
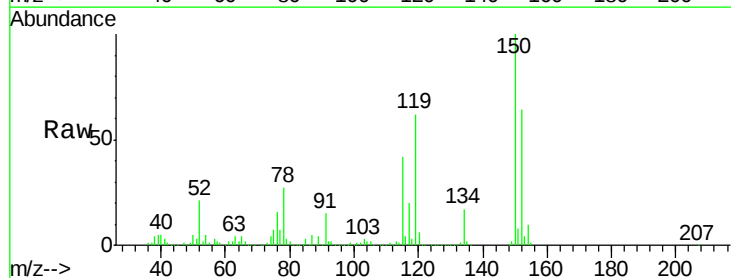
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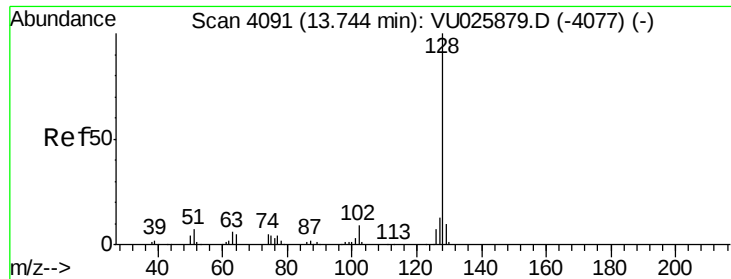
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#86
 p-Isopropyltoluene
 Concen: 9.54 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025914.D
 Acq: 07 Aug 2018 03:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	24.6	12.0	36.1





#95
Naphthalene
Concen: 33.66 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025914.D
Acq: 07 Aug 2018 03:04

Instrument :
MSVOA_U
ClientSampleId :
FL-0524

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.3	8.3	12.5

Manual Integrations
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