

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034362.D
 Acq On : 07 Sep 2019 04:09
 Operator : JC/SP
 Sample : K4725-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0267

Manual Integrations
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MMDadoda
 9/10/2019 1:31:30 PM

Quant Time: Sep 07 06:24:11 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	308520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	459087	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	435752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	283603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	220508	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	4.86	113	202066	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	7.55	98	825594	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	10.29	95	283119	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
					Qvalue	
31) Cyclohexane	4.98	56	2196614	401.744	ug/l	98
39) Methylcyclohexane	6.40	83	3798429	713.671	ug/l	97
40) Benzene	5.38	78	3936	0.245	ug/l	95
73) Isopropylbenzene	10.14	105	464680	25.177	ug/l	100
78) n-propylbenzene	10.57	91	472318	22.159	ug/l	100
83) tert-Butylbenzene	11.08	119	45125	2.922	ug/l	91
85) sec-Butylbenzene	11.30	105	239259	13.125	ug/l	100
89) n-Butylbenzene	11.87	91	47260m	3.232	ug/l	
95) Naphthalene	13.72	128	384780	22.708	ug/l	97

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

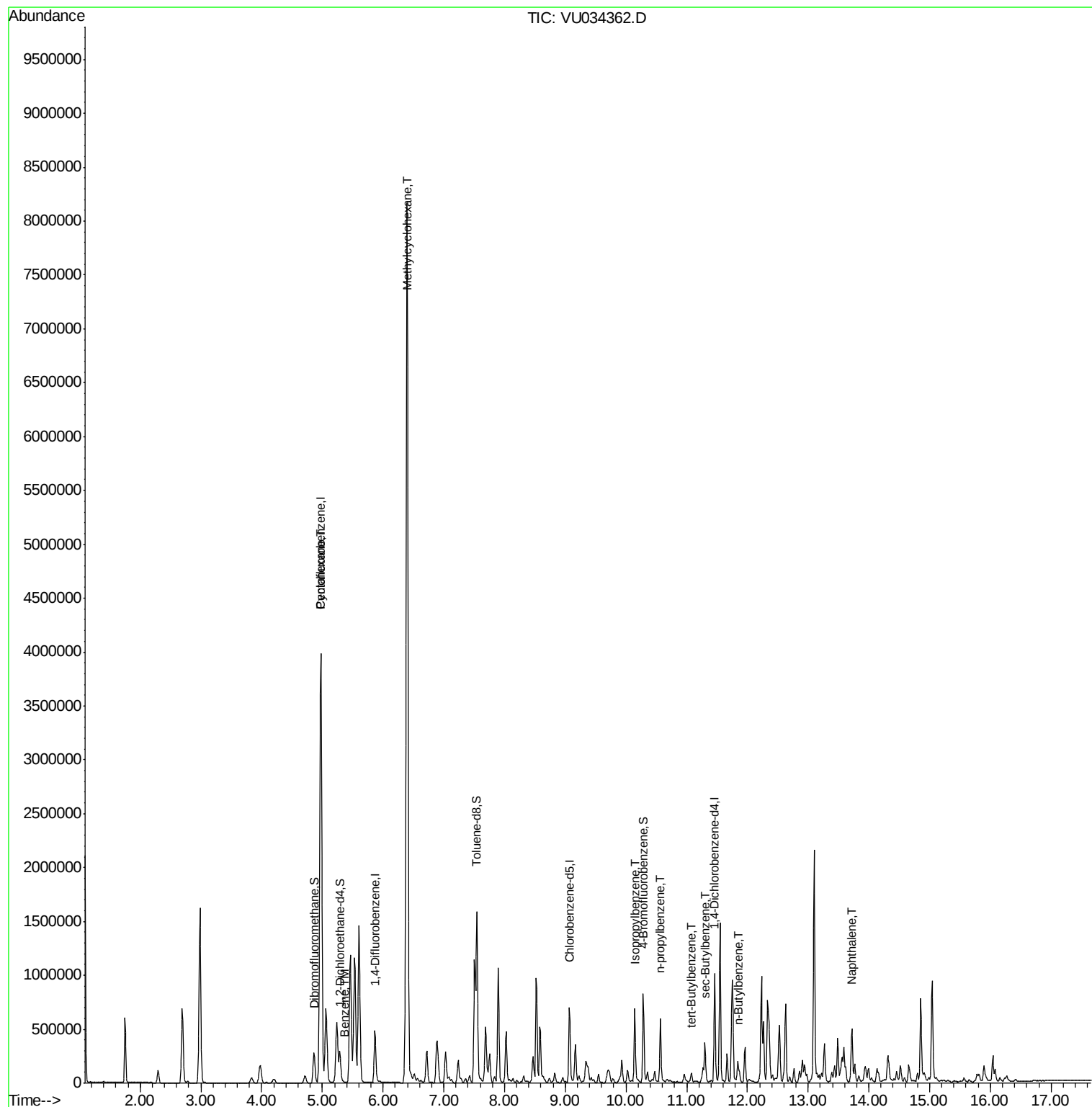
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090719\
Data File : VU034362.D
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Operator : JC/SP
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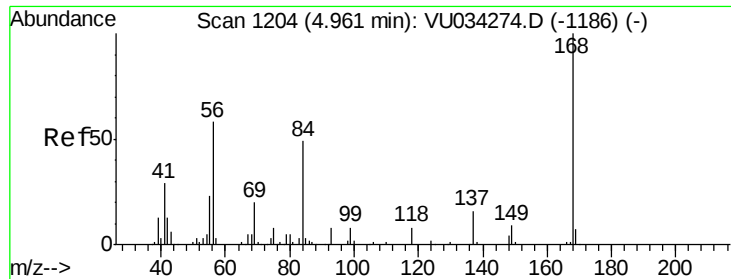
Instrument :
MSVOA_U
ClientSampleId :
S13-0267

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Quant Time: Sep 07 06:24:11 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: VU034362.D

Acq: 07 Sep 2019 04:09

Instrument :

MSVOA_U

ClientSampleId :

S13-0267

Tot Ion:168 Resp: 308520

Ion Ratio Lower Upper

168 100

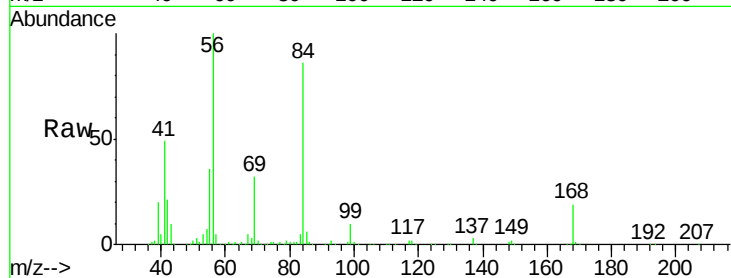
99 50.7 41.6 62.4

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Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

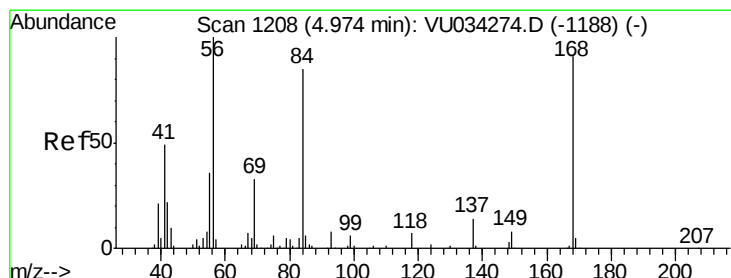
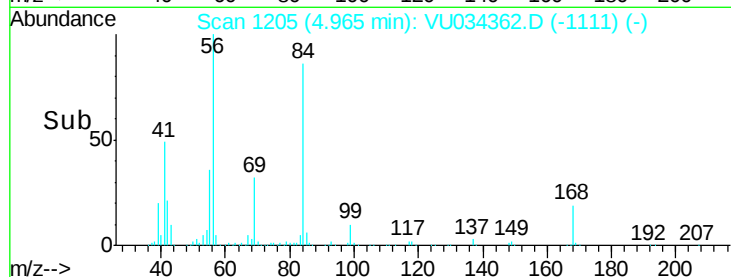
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 401.744 ug/l

RT: 4.98 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

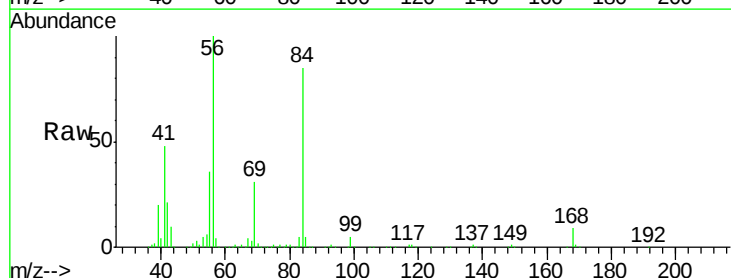
Tgt Ion: 56 Resp: 2196614

Ion Ratio Lower Upper

56 100

69 30.5 26.7 40.1

84 85.5 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034274.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034274.D (-1188) (-)

4.98

1200000

1000000

800000

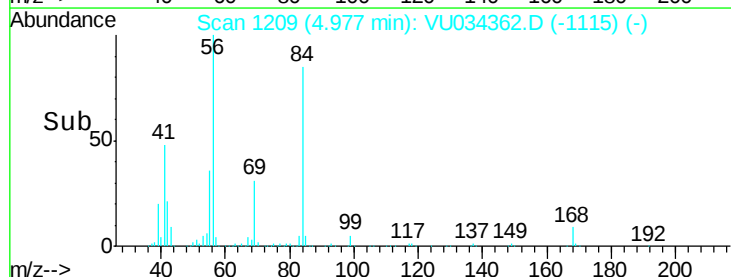
600000

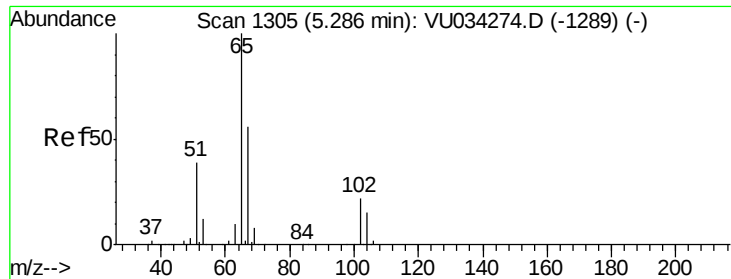
400000

200000

0

Time-->





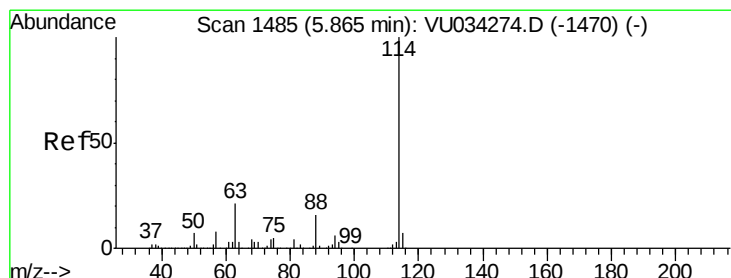
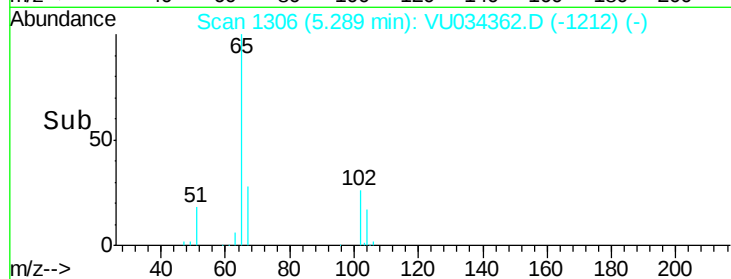
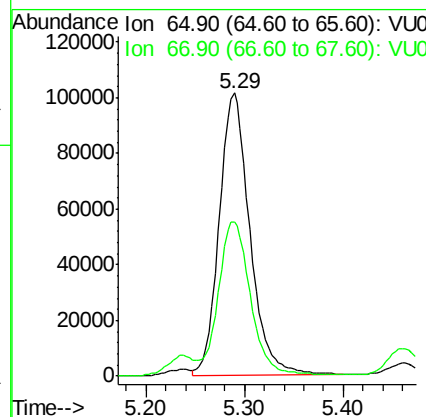
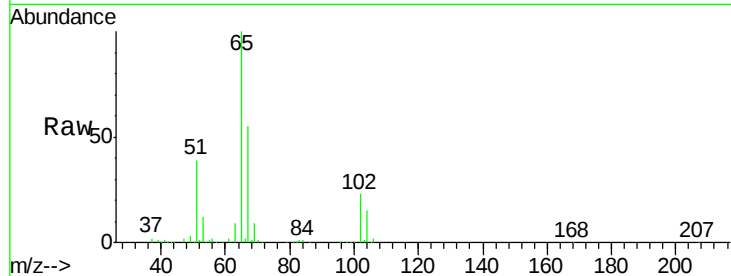
#33
 1,2-Dichloroethane-d4
 Concen: 47.238 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034362.D
 Acq: 07 Sep 2019 04:09

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0267

Tot Ion	Ratio	Resp	Lower	Upper
65	100	220508		
67	56.5	0.0	112.4	

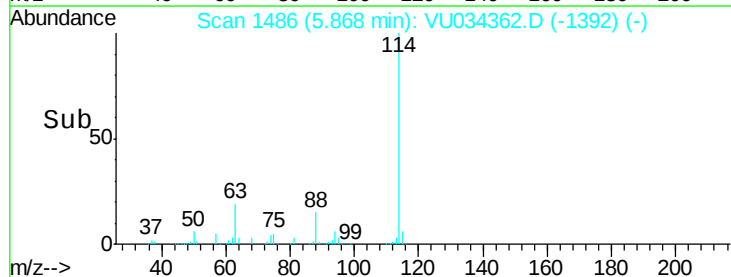
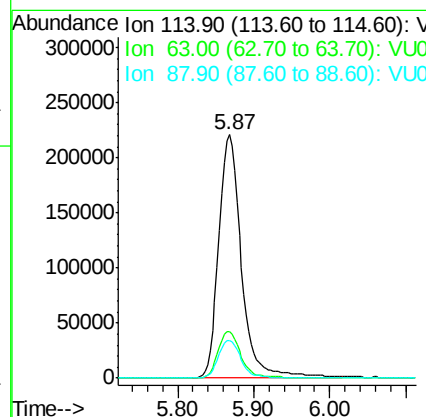
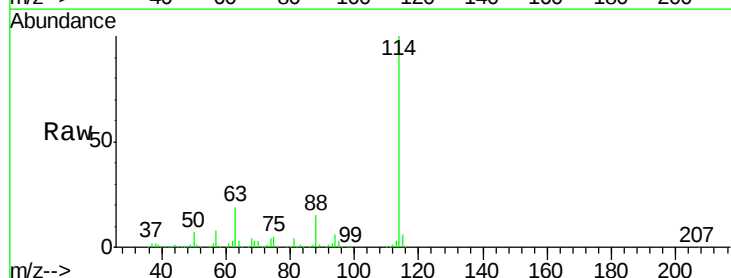
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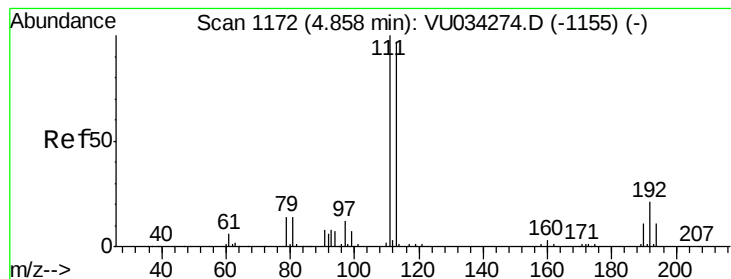
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034362.D
 Acq: 07 Sep 2019 04:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	459087		
63	19.3	0.0	42.4	
88	15.3	0.0	32.4	





#35

Dibromofluoromethane

Concen: 47.302 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Instrument :

MSVOA_U

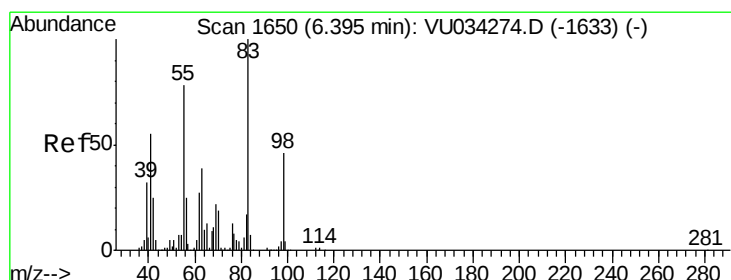
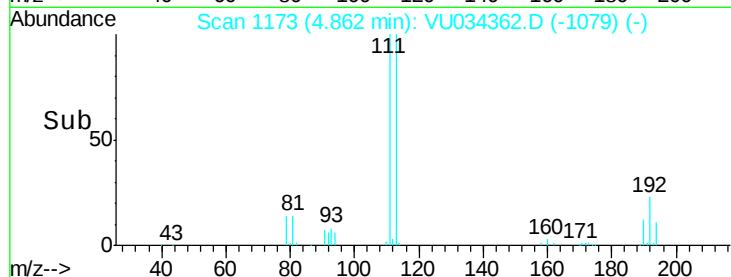
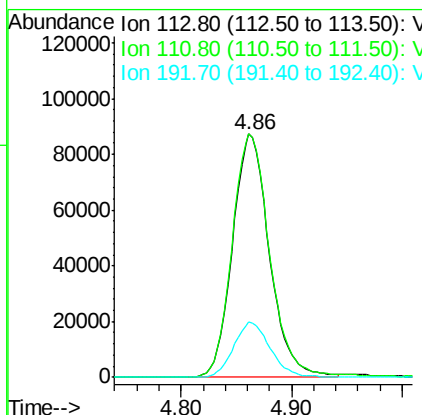
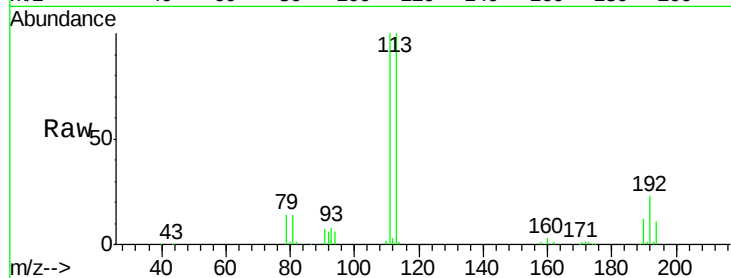
ClientSampleId :

S13-0267

Tot Ion:	113	Resp:	202066
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.5	122.3
192	22.7	17.8	26.8

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#39

Methylcyclohexane

Concen: 713.671 ug/l

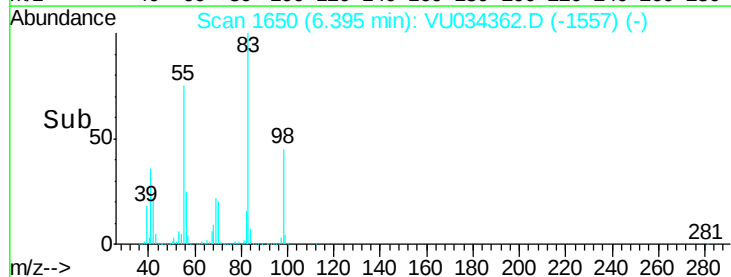
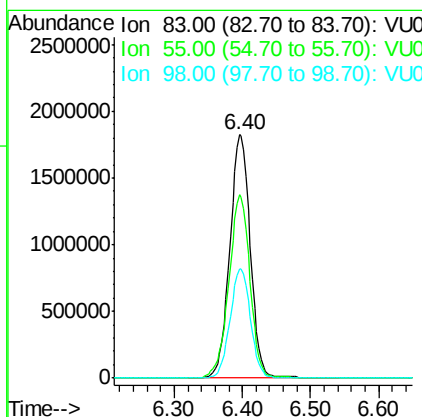
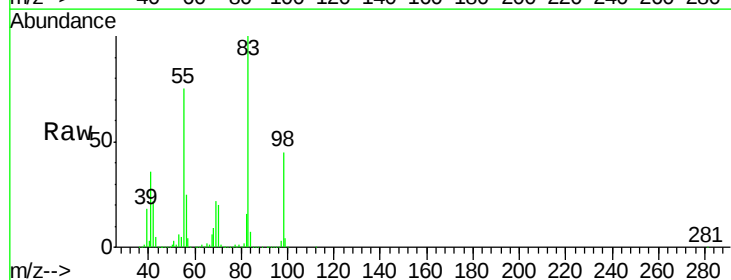
RT: 6.40 min Scan# 1650

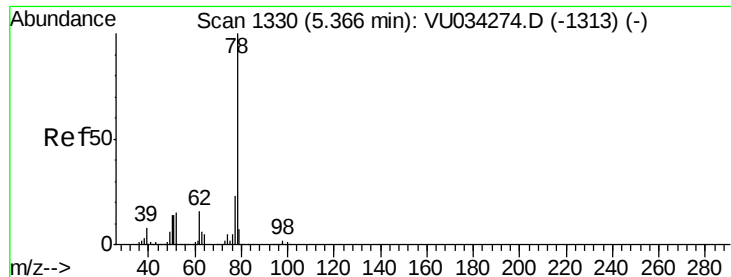
Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Tgt Ion:	83	Resp:	3798429
Ion Ratio	Lower	Upper	
83	100		
55	75.1	62.1	93.1
98	44.9	37.0	55.6





#40

Benzene

Concen: 0.245 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Instrument :

MSVOA_U

ClientSampleId :

S13-0267

Tot Ion: 78 Resp: 3936

Ion Ratio Lower Upper

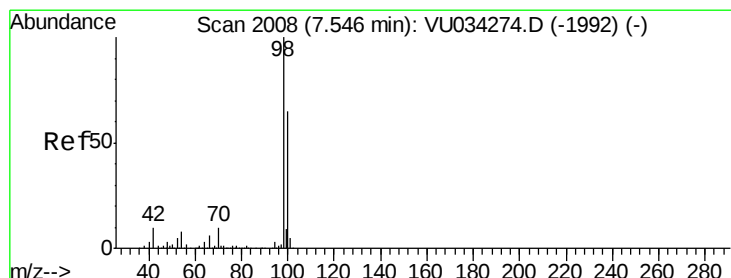
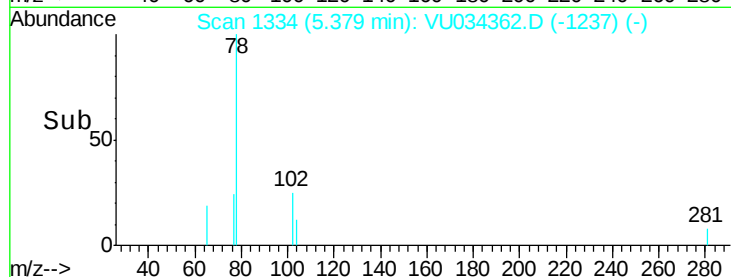
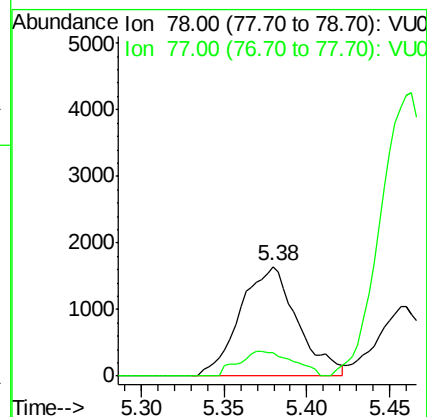
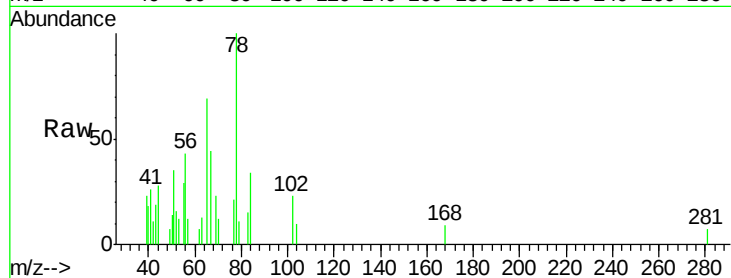
78 100

77 21.0 18.7 28.1

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9/10/2019 1:31:30 PM



#50

Toluene-d8

Concen: 51.441 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034362.D

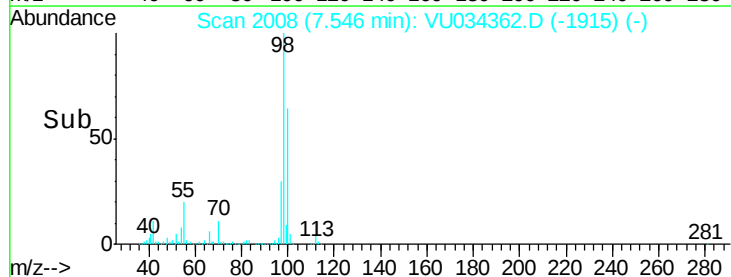
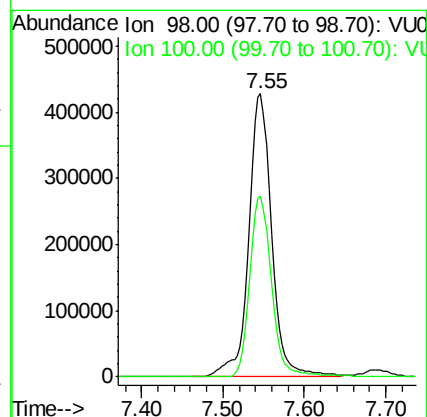
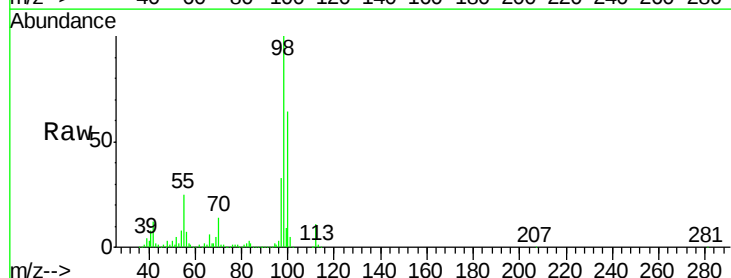
Acq: 07 Sep 2019 04:09

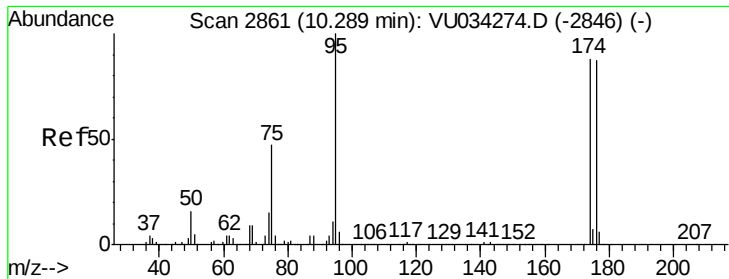
Tgt Ion: 98 Resp: 825594

Ion Ratio Lower Upper

98 100

100 60.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 45.690 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Instrument :

MSVOA_U

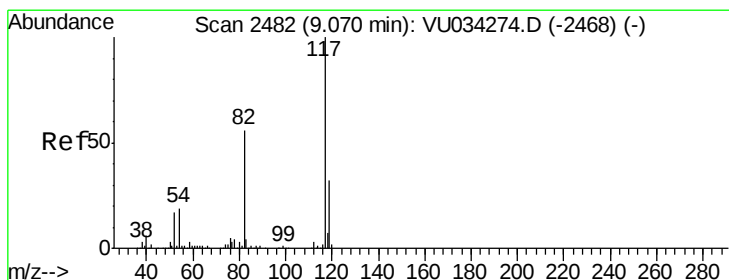
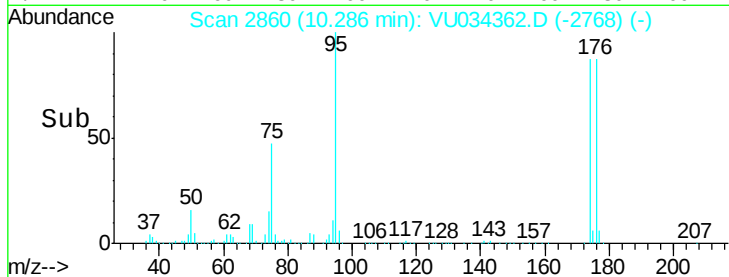
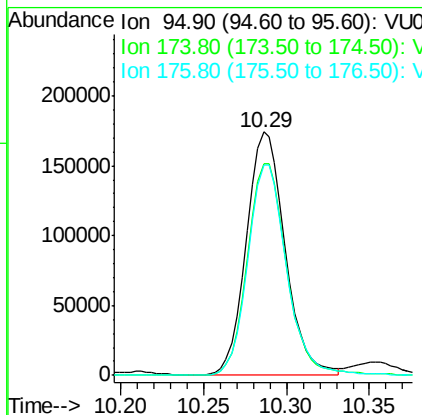
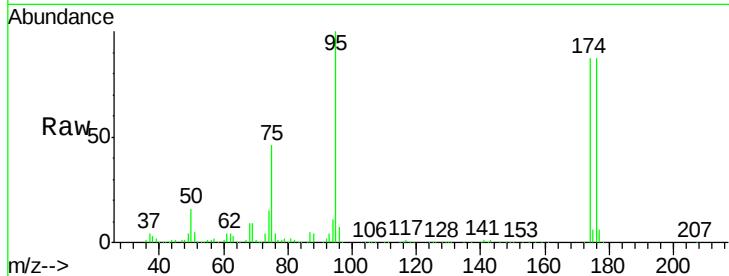
ClientSampleId :

S13-0267

Tot Ion:	95	Resp:	283119
Ion Ratio	Lower	Upper	
95	100		
174	88.7	0.0	175.2
176	87.1	0.0	168.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

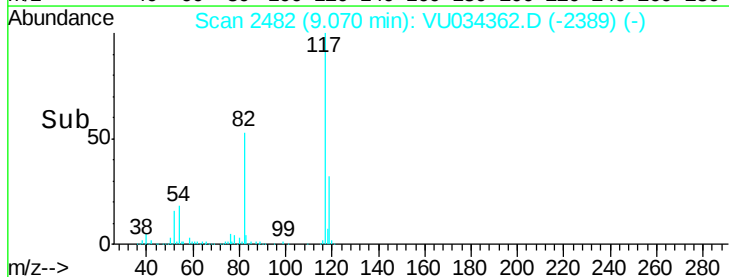
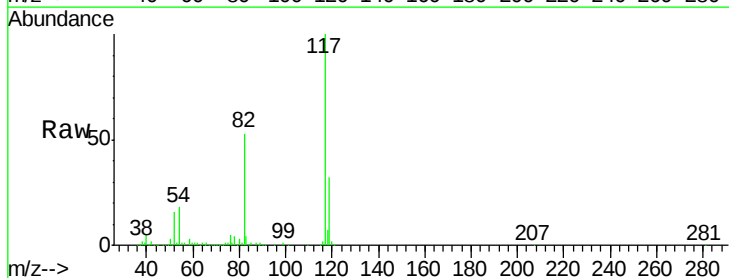
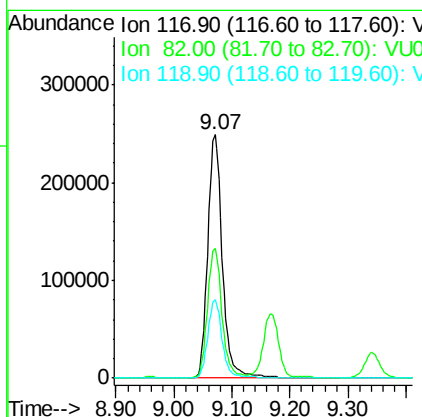
RT: 9.07 min Scan# 2482

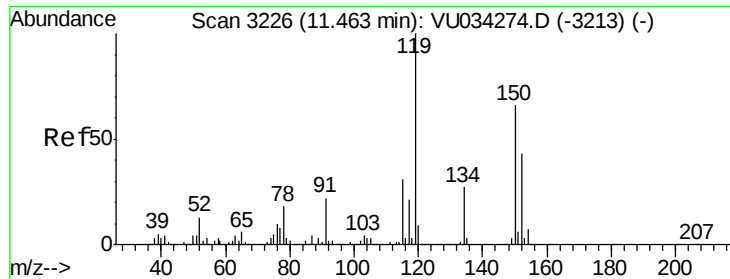
Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Tgt Ion:	117	Resp:	435752
Ion Ratio	Lower	Upper	
117	100		
82	53.1	44.6	67.0
119	32.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Instrument :

MSVOA_U

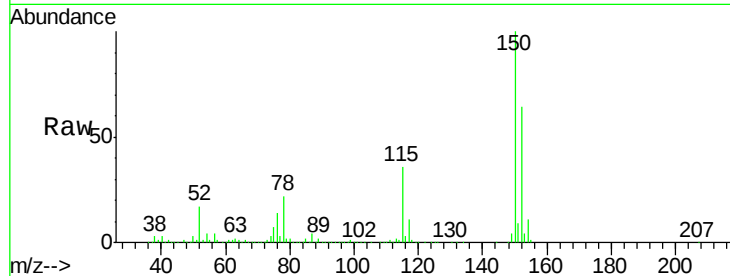
ClientSampleId :

S13-0267

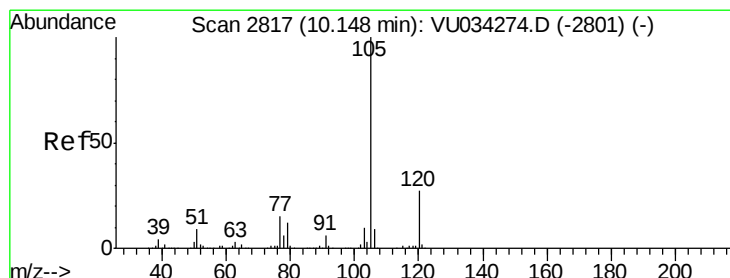
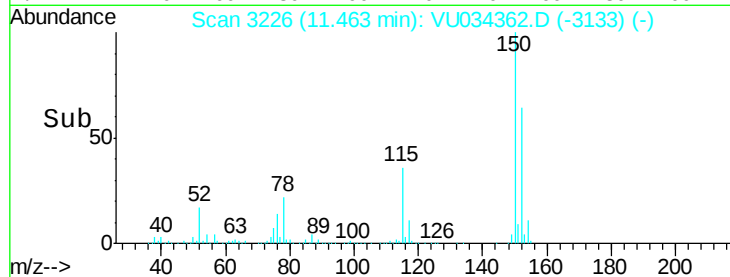
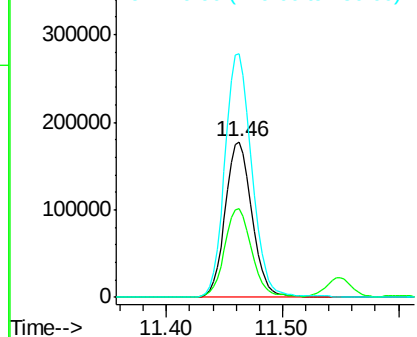
Tot Ion	Ratio	Resp	Lower	Upper
152	100	283603		
115	56.8	39.1	117.3	
150	158.2	0.0	345.4	

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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: 25.177 ug/l

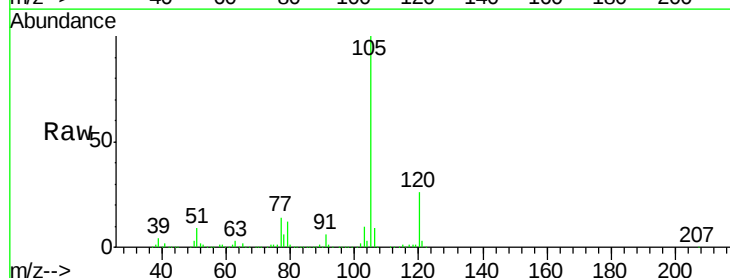
RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

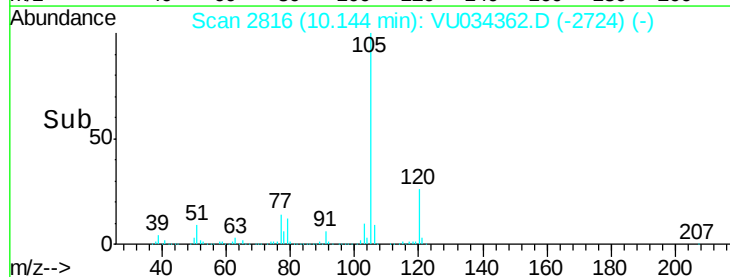
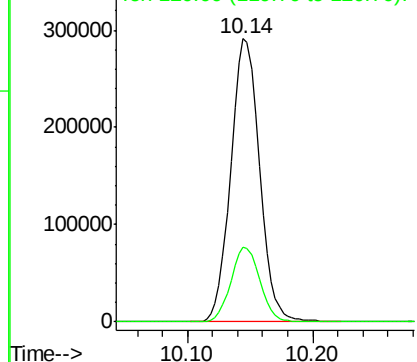
Lab File: VU034362.D

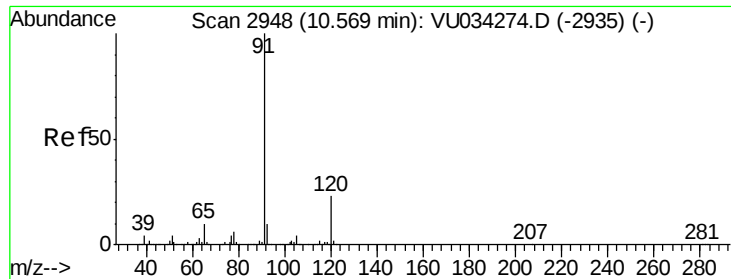
Acq: 07 Sep 2019 04:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	464680		
120	26.6	13.4	40.2	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





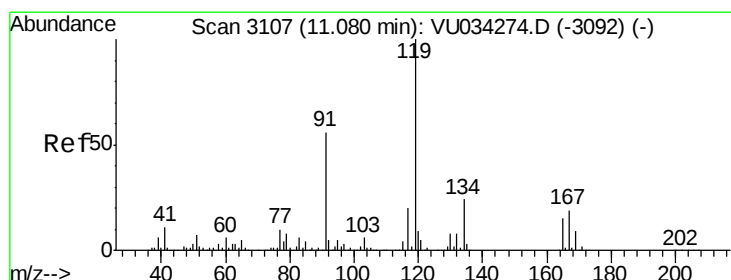
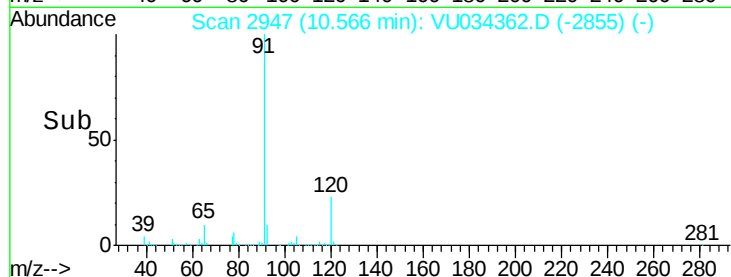
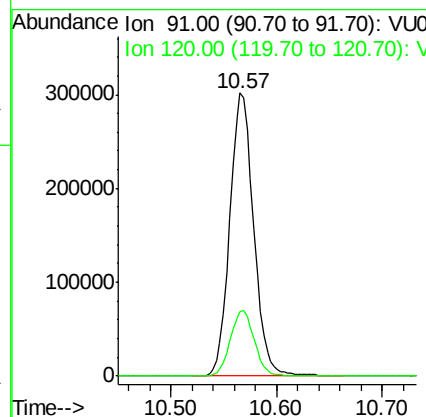
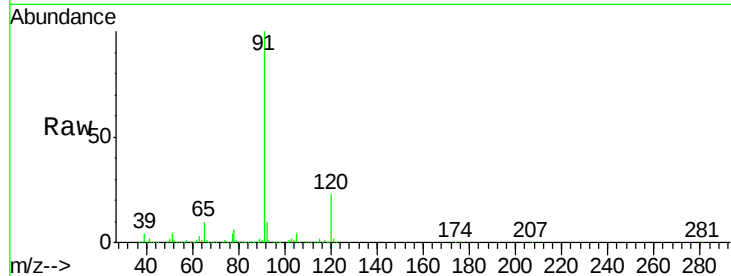
#78
n-propylbenzene
Concen: 22.159 ug/l
RT: 10.57 min Scan# 2947
Delta R.T. -0.00 min
Lab File: VU034362.D
Acq: 07 Sep 2019 04:09

Instrument :
MSVOA_U
ClientSampleId :
S13-0267

Tot Ion	Ratio	Resp	Lower	Upper
91	100	472318		
120	23.5	11.7	35.0	

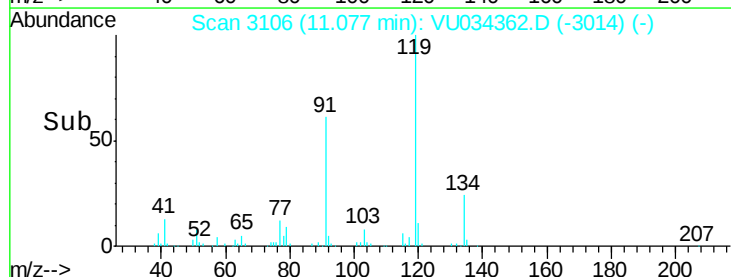
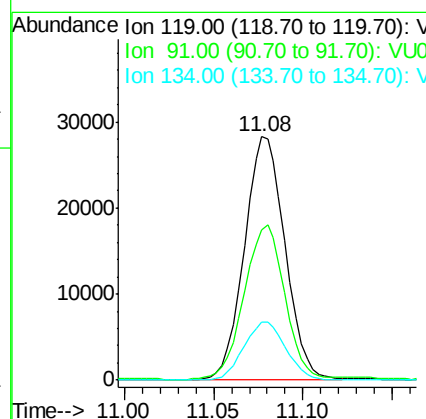
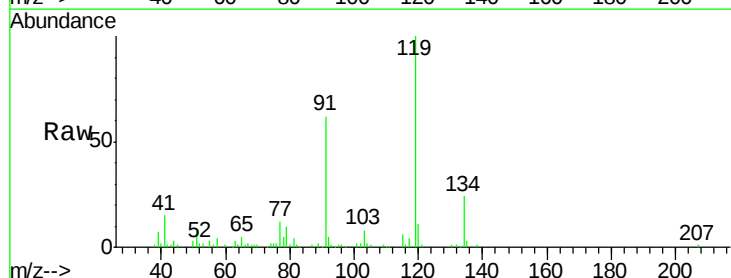
Manual Integrations
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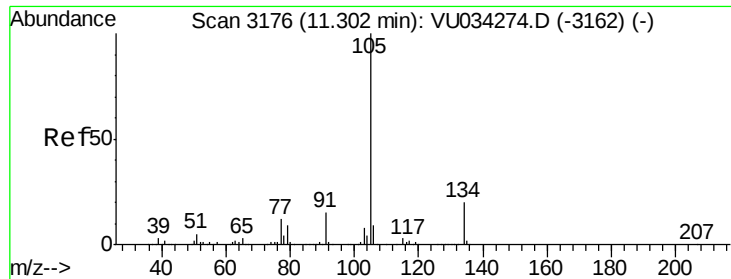
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#83
tert-Butylbenzene
Concen: 2.922 ug/l
RT: 11.08 min Scan# 3106
Delta R.T. -0.00 min
Lab File: VU034362.D
Acq: 07 Sep 2019 04:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	45125		
91	64.3	27.8	83.4	
134	24.3	11.7	35.0	





#85

sec-Butylbenzene

Concen: 13.125 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

Instrument :

MSVOA_U

ClientSampleId :

S13-0267

Tot Ion: 105 Resp: 239259

Ion Ratio Lower Upper

105 100

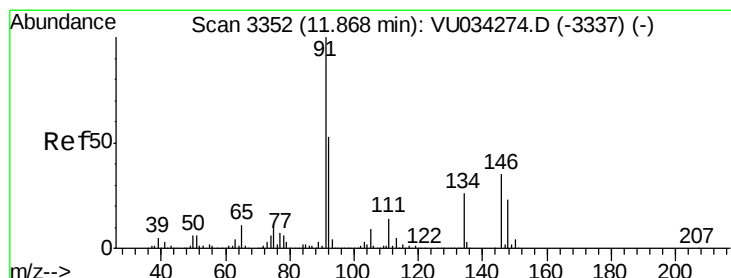
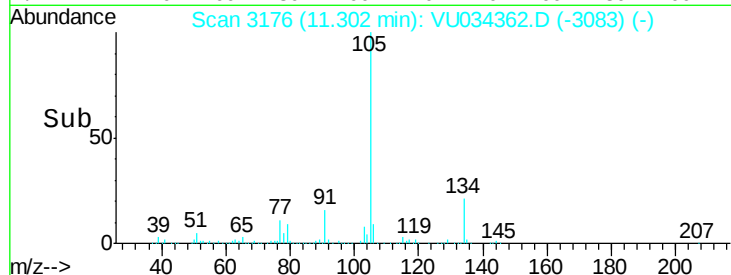
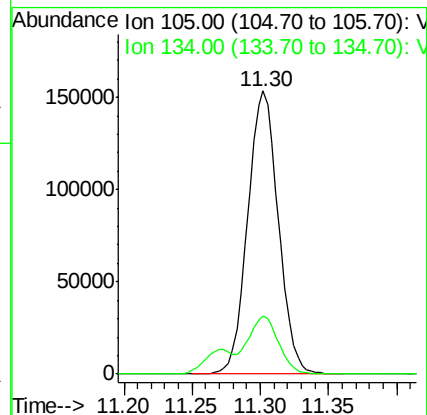
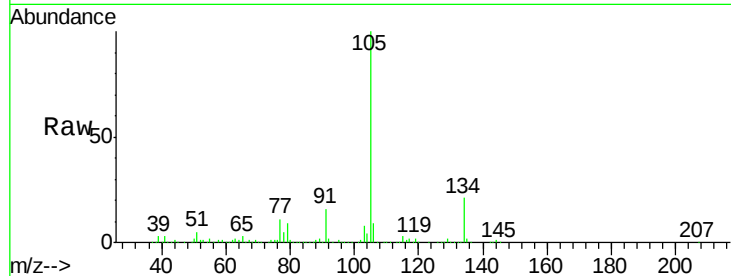
134 20.3 10.1 30.3

Manual Integrations

APPROVED

MMDadoda

9/10/2019 1:31:30 PM



#89

n-Butylbenzene

Concen: 3.232 ug/l m

RT: 11.87 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VU034362.D

Acq: 07 Sep 2019 04:09

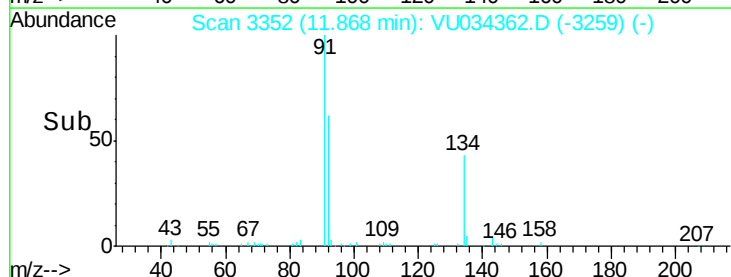
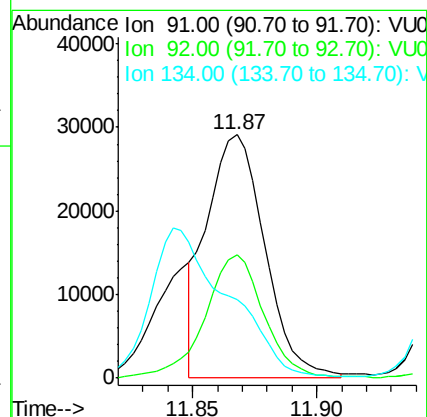
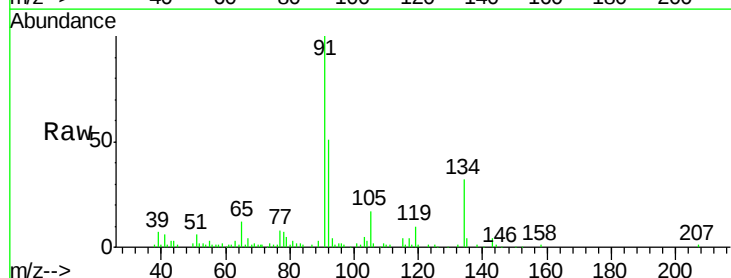
Tgt Ion: 91 Resp: 47260

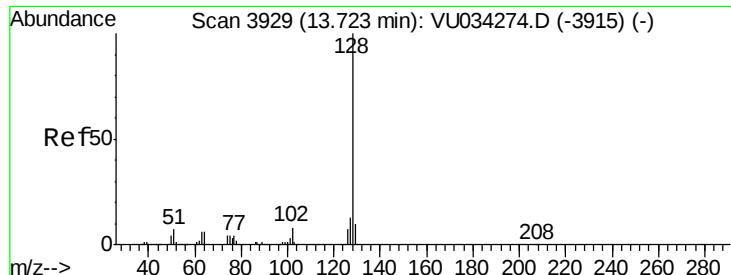
Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.4

134 0.0 13.2 39.6#





#95
Naphthalene
Concen: 22.708 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034362.D
Acq: 07 Sep 2019 04:09

Instrument :
MSVOA_U
ClientSampleId :
S13-0267

Tot Ion	Ratio	Resp	Lower	Upper
128	100	384780		
127	13.6		10.6	15.8
129	12.3		8.4	12.6

Manual Integrations
APPROVED

MMDadoda
9/10/2019 1:31:30 PM

