

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024547.D
 Acq On : 14 Jun 2018 18:02
 Operator : MD/SY
 Sample : J3443-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-061118-01

Manual Integrations
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 6/15/2018 3:19:27 PM

Quant Time: Jun 15 04:46:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	168881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	286423	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	131163	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	4.89	113	115800	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	7.57	98	431635	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	10.31	95	167440	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	23622	15.946	ug/l	97
31) Cyclohexane	5.00	56	97607	26.049	ug/l	96
39) Methylcyclohexane	6.42	83	56207	13.382	ug/l	94
40) Benzene	5.39	78	228344	23.810	ug/l	99
52) Toluene	7.64	92	28489	4.617	ug/l	96
67) Ethyl Benzene	9.26	91	12838	1.015	ug/l	92
68) m/p-Xylenes	9.38	106	98214	20.227	ug/l	99
69) o-Xylene	9.78	106	6760	1.407	ug/l	94
73) Isopropylbenzene	10.17	105	686059	51.342	ug/l	98
78) n-propylbenzene	10.59	91	1468983	93.322	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	13985m	1.207	ug/l	
83) tert-Butylbenzene	11.10	119	34449	3.092	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	15815	1.340	ug/l	98
85) sec-Butylbenzene	11.33	105	177944	12.760	ug/l	100
89) n-Butylbenzene	11.89	91	104643	9.437	ug/l #	78
95) Naphthalene	13.75	128	46763	4.284	ug/l #	92

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

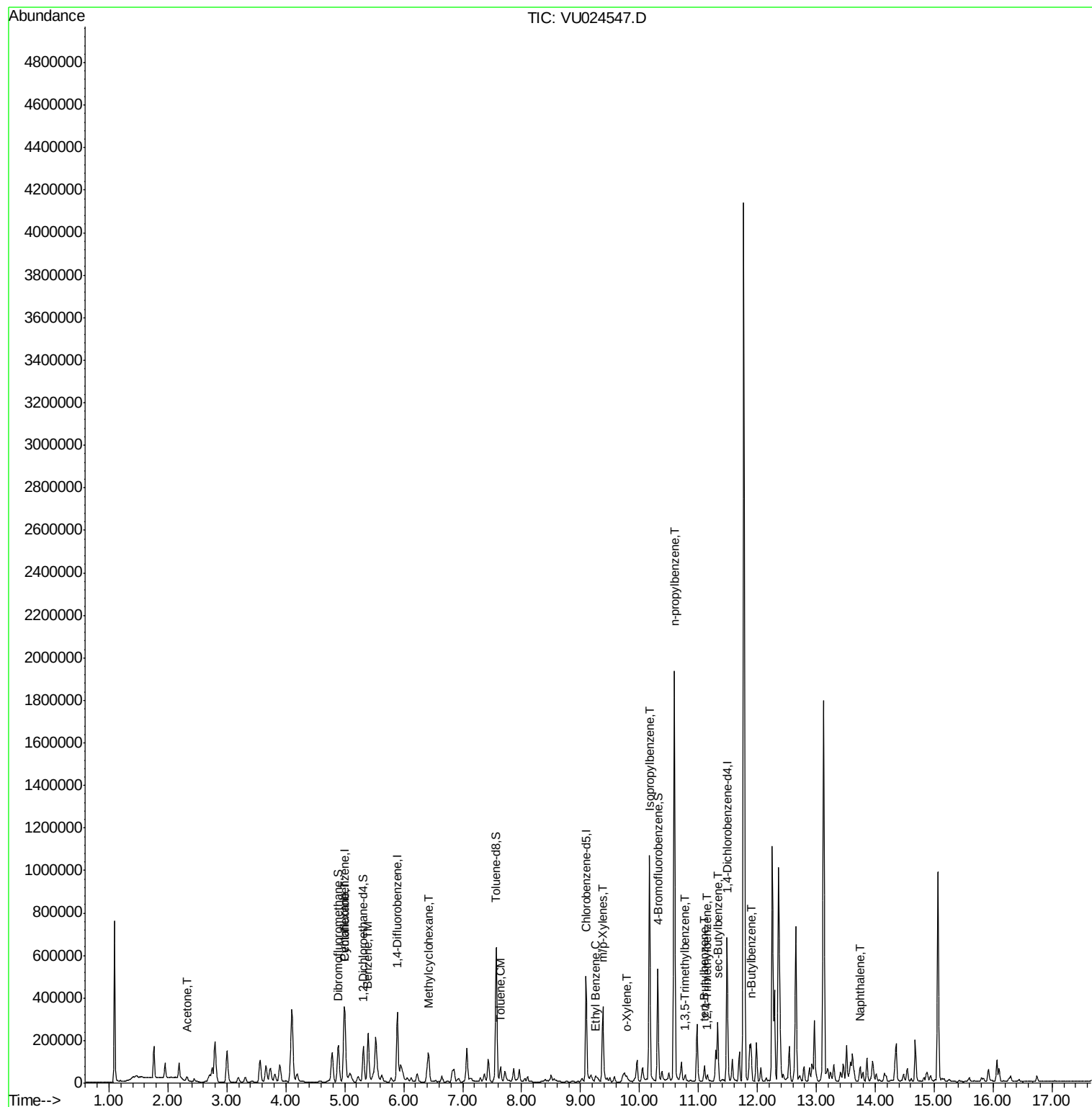
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024547.D
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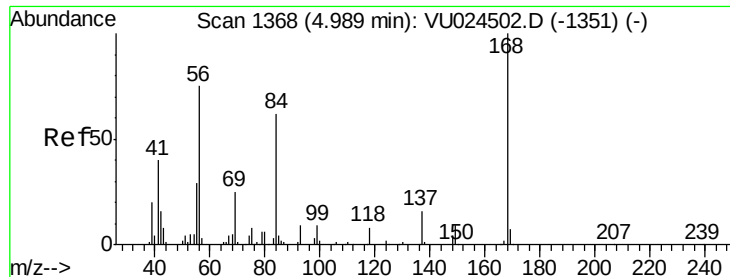
Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

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Quant Time: Jun 15 04:46:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 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: VU024547.D

Acq: 14 Jun 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

DUP-061118-01

Tot Ion:168 Resp: 168881

Ion Ratio Lower Upper

168 100

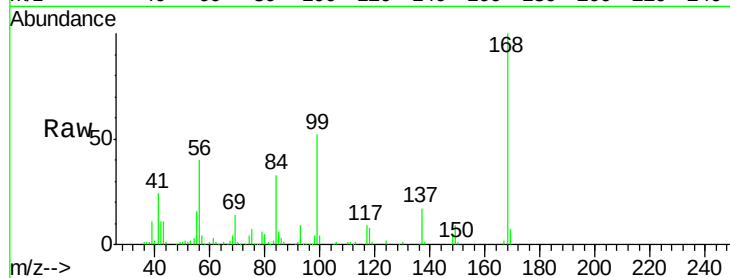
99 52.5 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

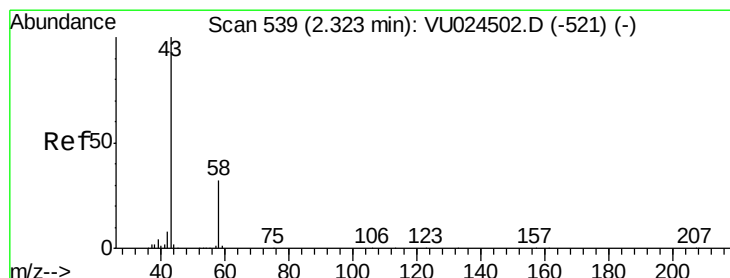
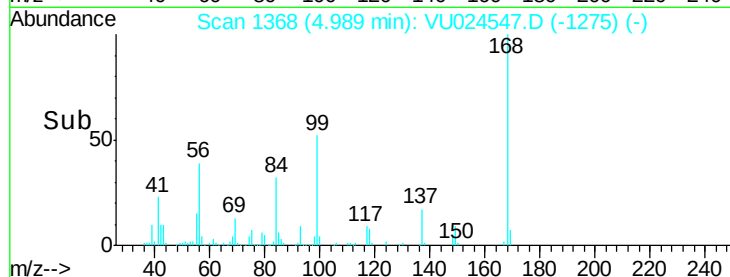
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 15.946 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024547.D

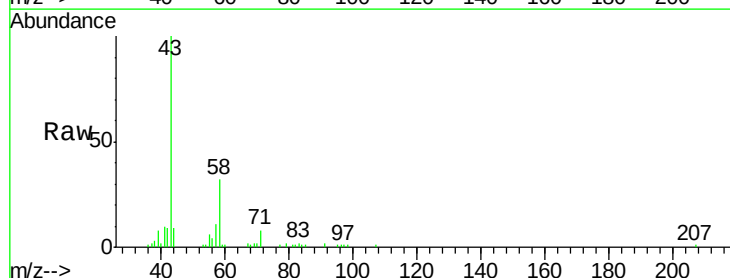
Acq: 14 Jun 2018 18:02

Tgt Ion: 43 Resp: 23622

Ion Ratio Lower Upper

43 100

58 31.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

2.32

15000

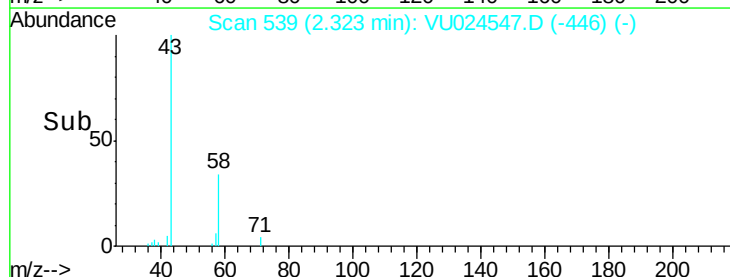
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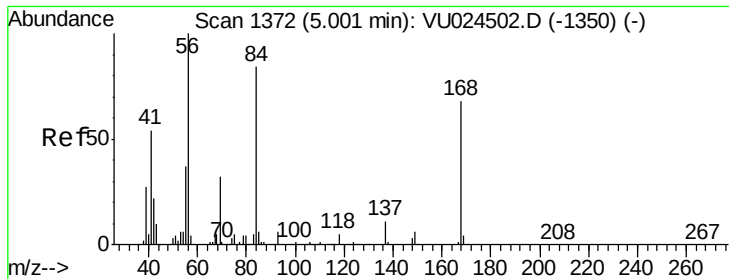
5000

0

2.25 2.30 2.35 2.40

Time-->





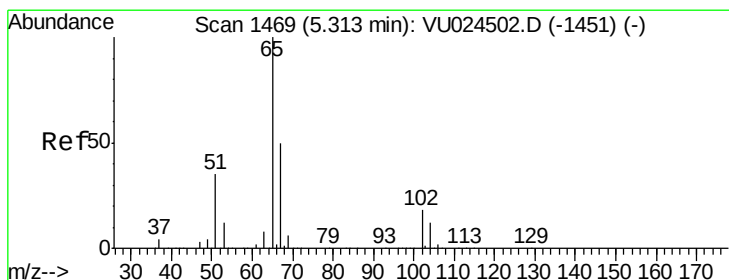
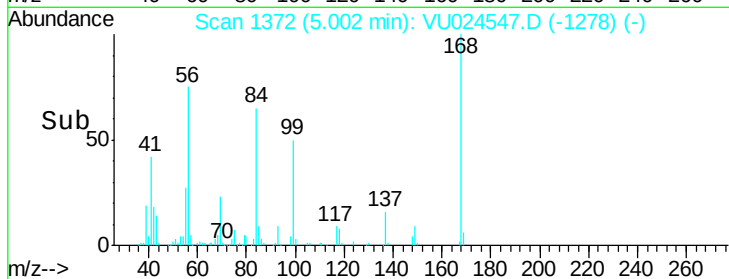
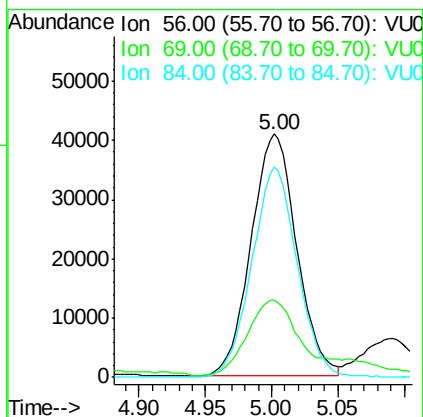
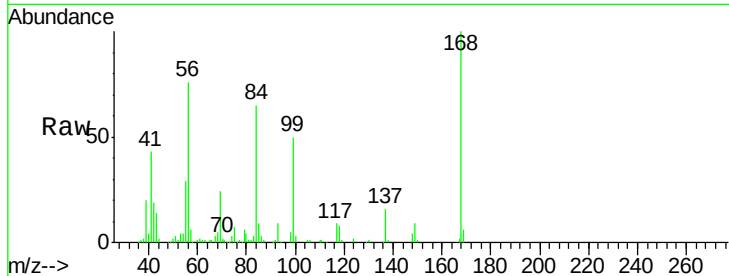
#31
Cyclohexane
Concen: 26.049 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.8	37.2
84	86.8	65.2	97.8

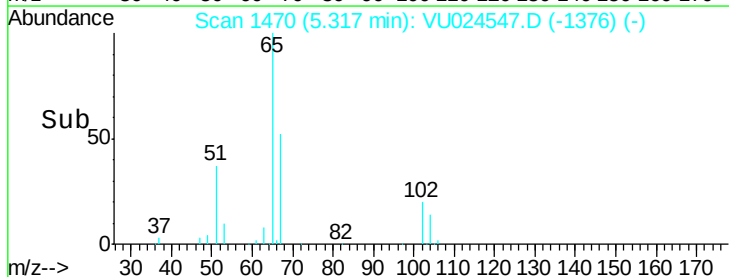
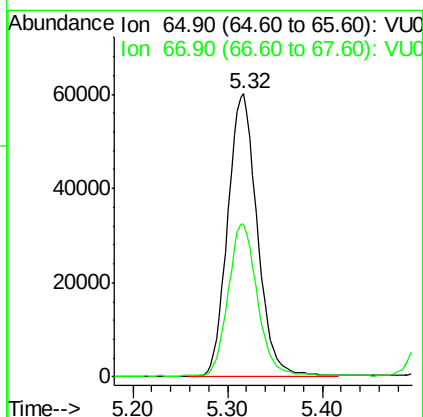
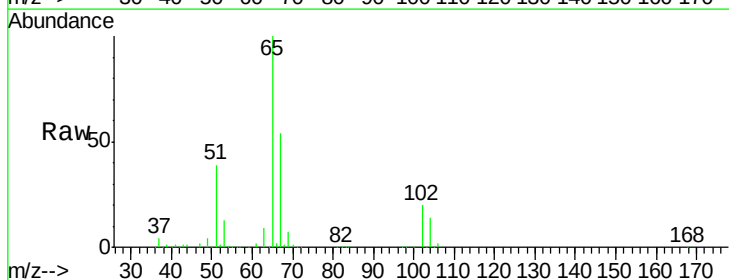
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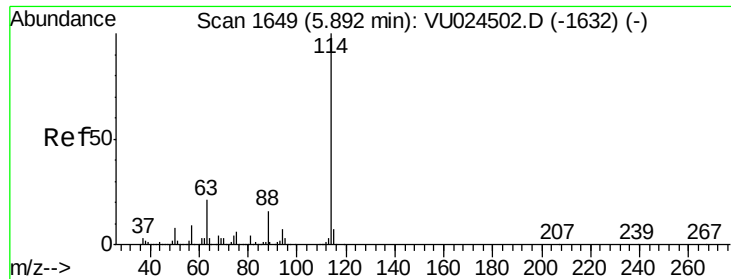
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#33
1,2-Dichloroethane-d4
Concen: 47.574 ug/l
RT: 5.32 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024547.D

Acq: 14 Jun 2018 18:02

Instrument :

MSVOA_U

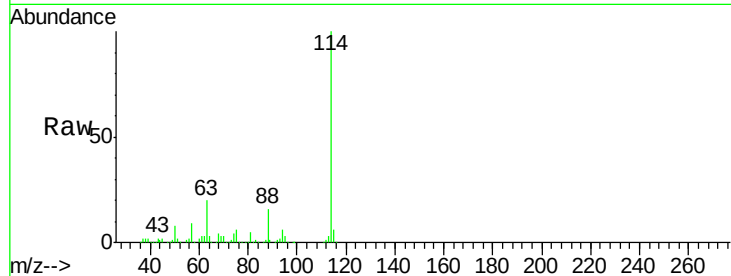
ClientSampleId :

DUP-061118-01

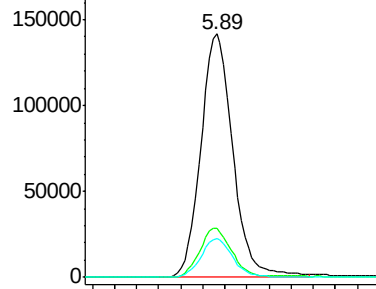
Tot Ion	Ratio	Resp	Lower	Upper
114	100	286423		
63	20.1	0.0	45.4	
88	15.8	0.0	31.0	

Manual Integrations
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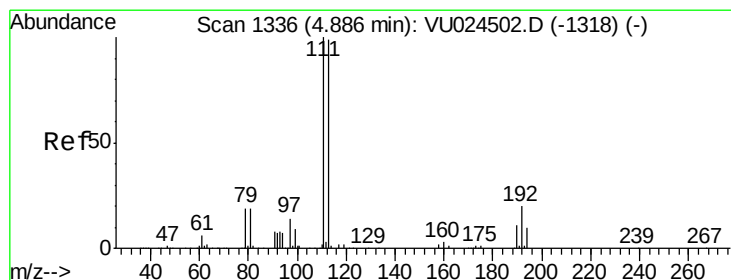
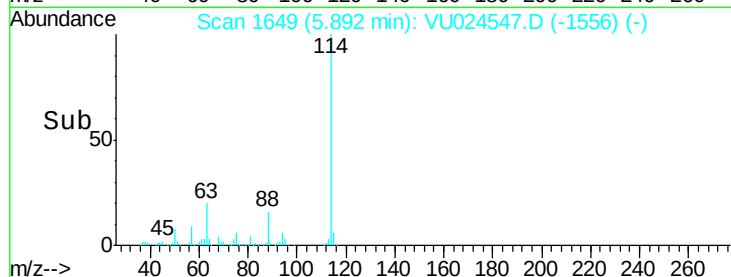
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Abundance Ion 113.90 (113.60 to 114.60): V



Time-->



#35

Dibromofluoromethane

Concen: 48.715 ug/l

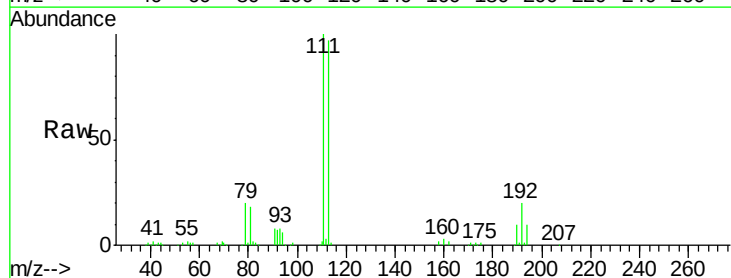
RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

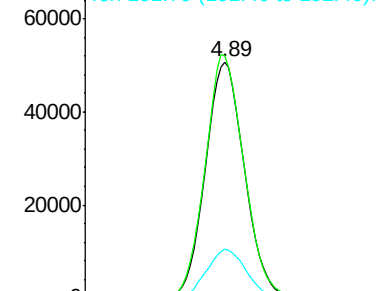
Lab File: VU024547.D

Acq: 14 Jun 2018 18:02

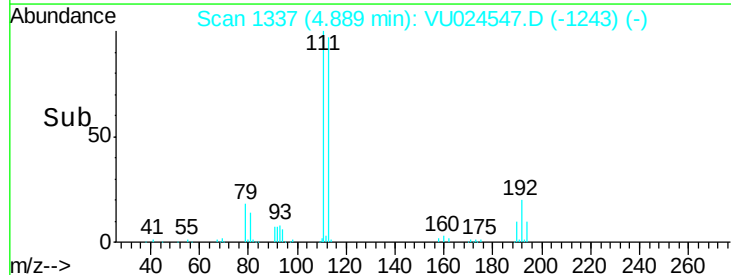
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	115800		
111	103.1	82.2	123.4	
192	21.2	16.2	24.4	

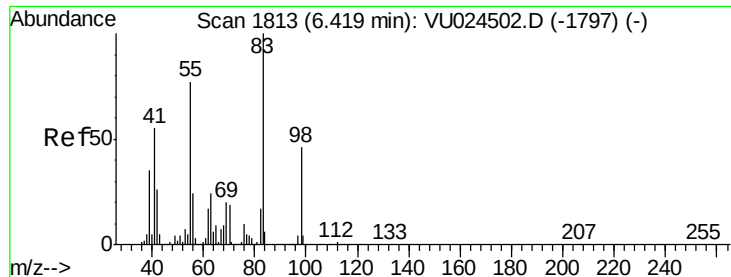


Abundance Ion 112.80 (112.50 to 113.50): V



Time-->





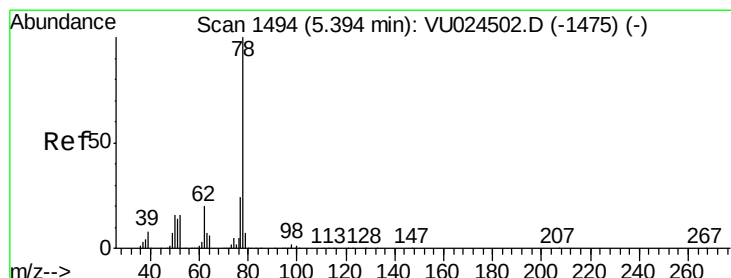
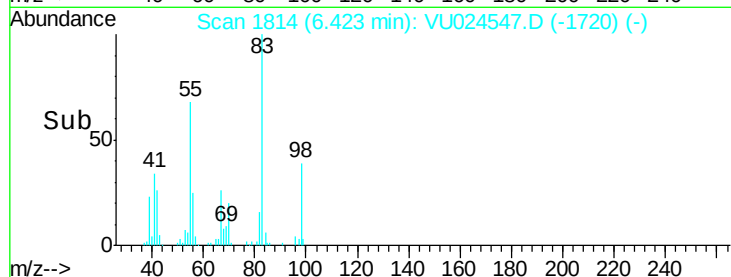
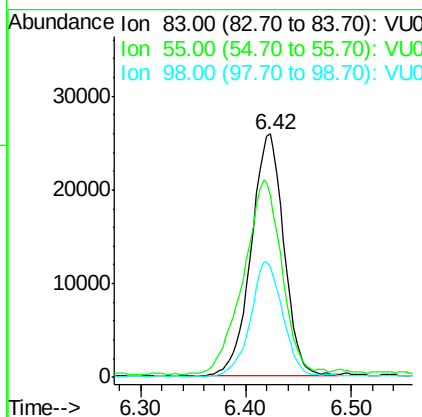
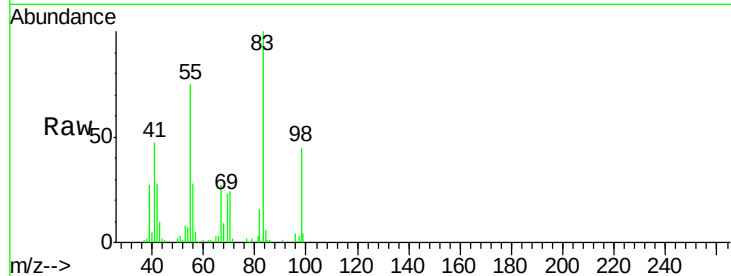
#39
Methylvlcyclohexane
Concen: 13.382 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	65.8	98.6
98	45.5	36.7	55.1

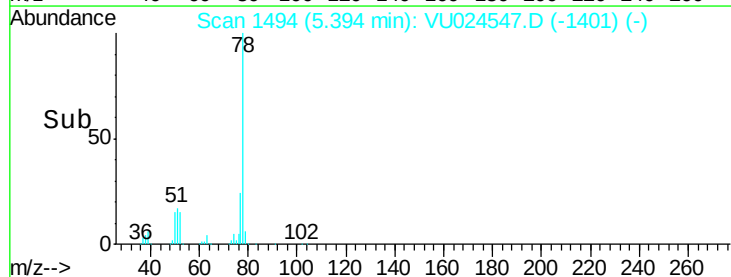
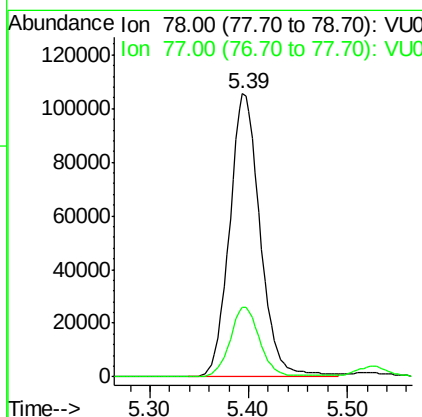
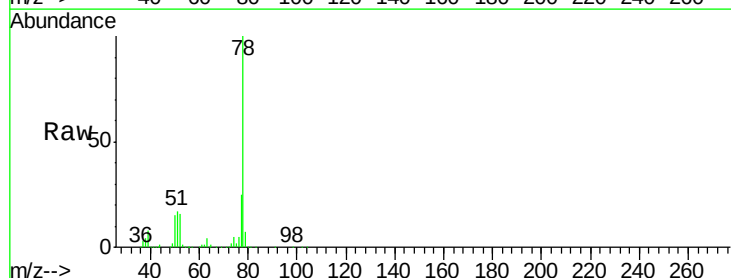
Manual Integrations
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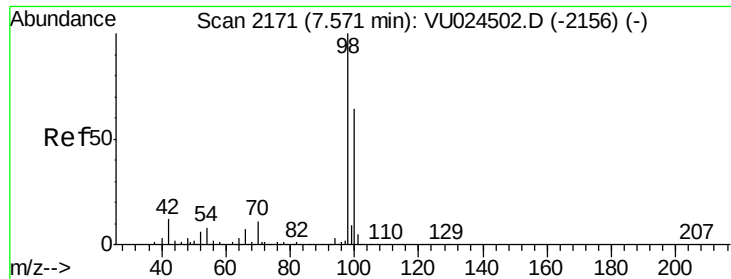
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#40
Benzene
Concen: 23.810 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.2	28.8





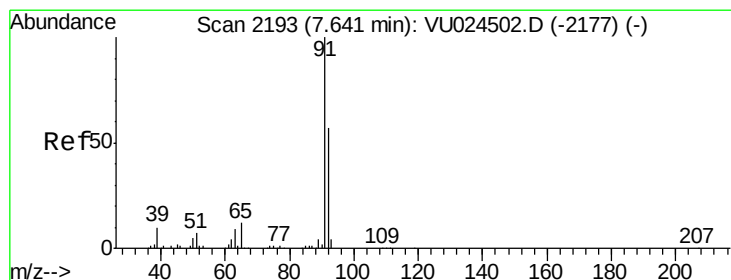
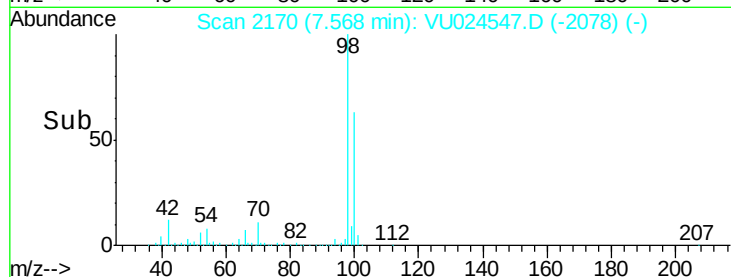
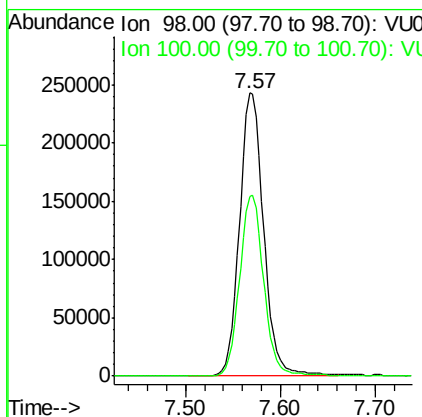
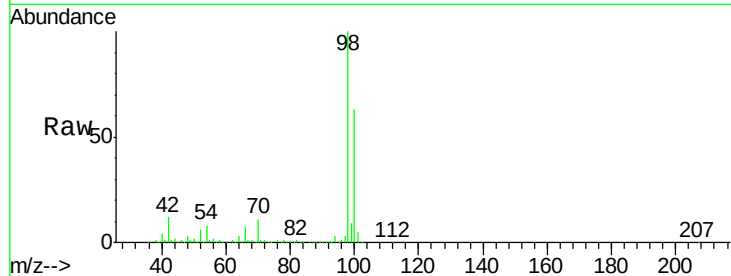
#50
Toluene-d8
Concen: 49.781 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion: 98 Resp: 431635
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

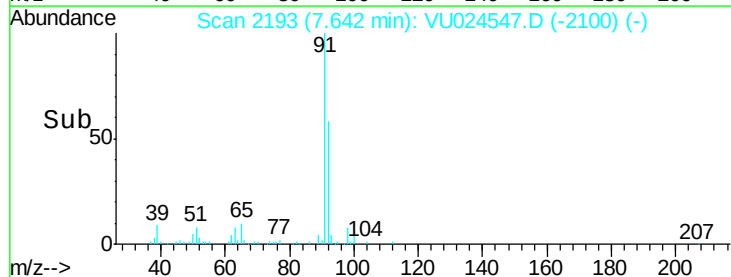
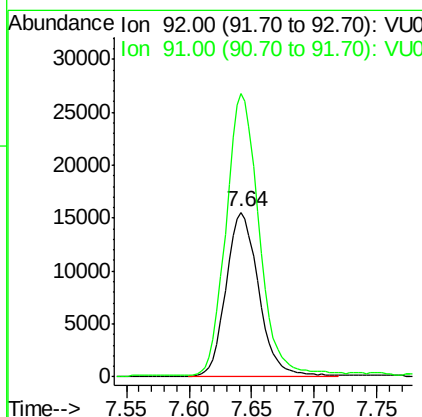
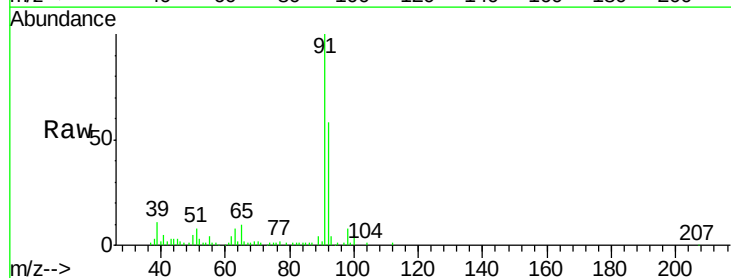
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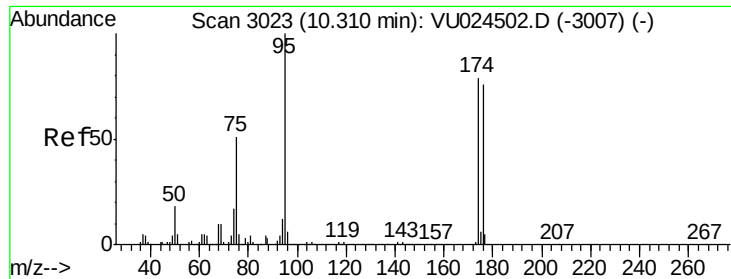
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#52
Toluene
Concen: 4.617 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion: 92 Resp: 28489
Ion Ratio Lower Upper
92 100
91 170.2 140.5 210.7





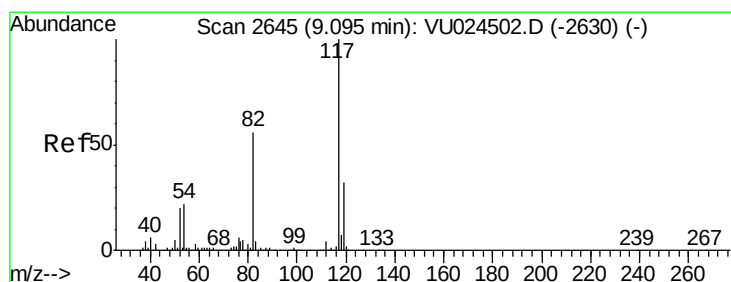
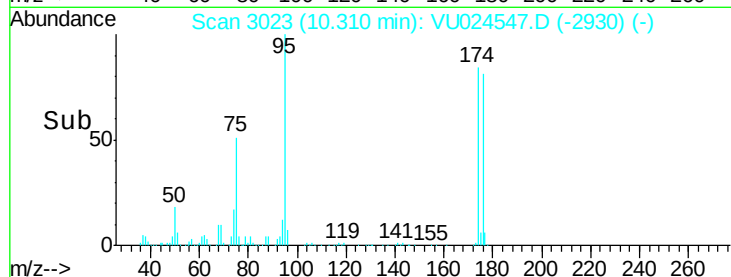
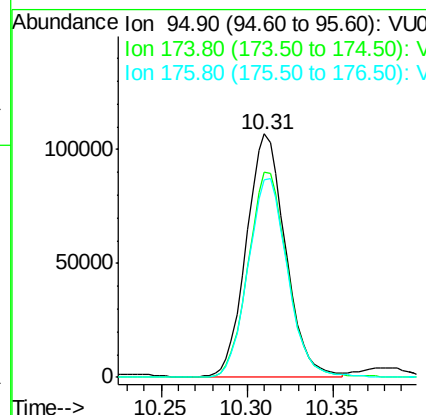
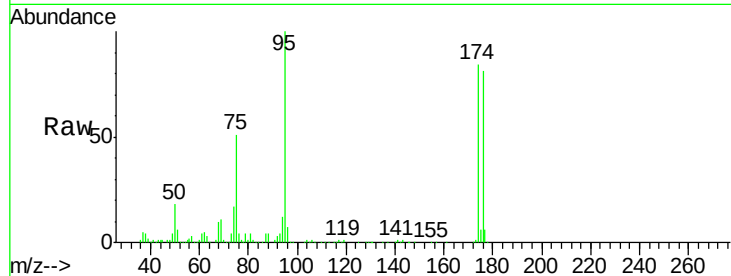
#62
4-Bromofluorobenzene
Concen: 48.638 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	167440		
174	85.6	0.0	165.8	
176	83.5	0.0	159.4	

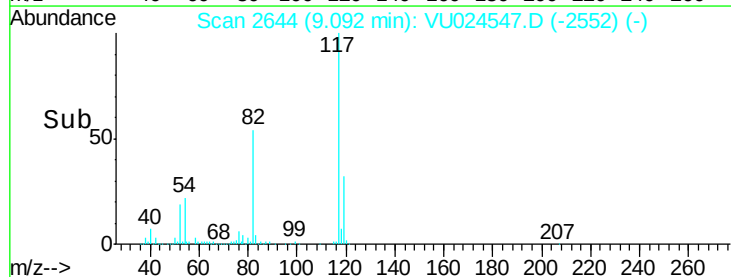
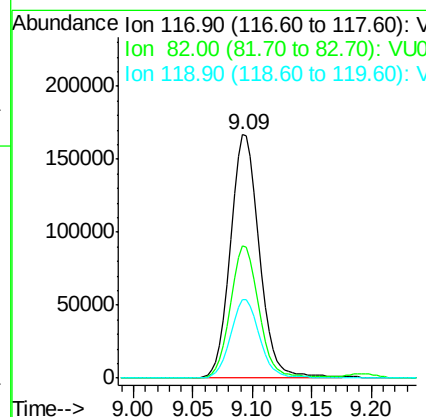
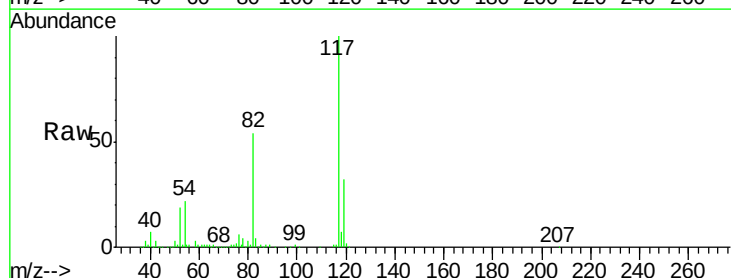
Manual Integrations
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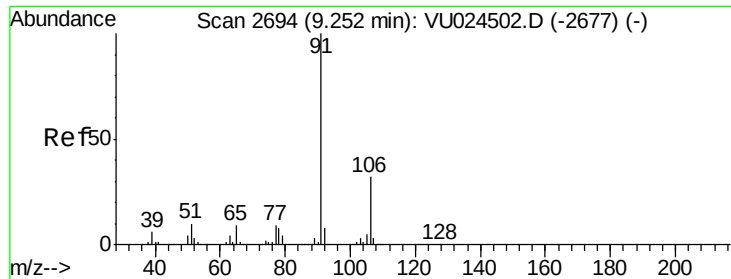
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	282346		
82	54.2	44.3	66.5	
119	32.2	25.4	38.2	





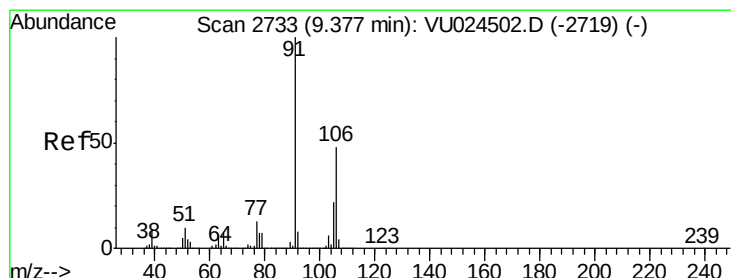
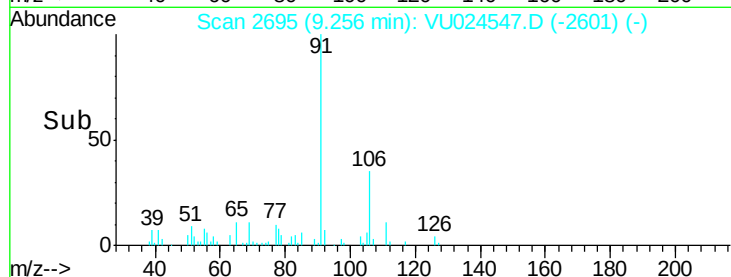
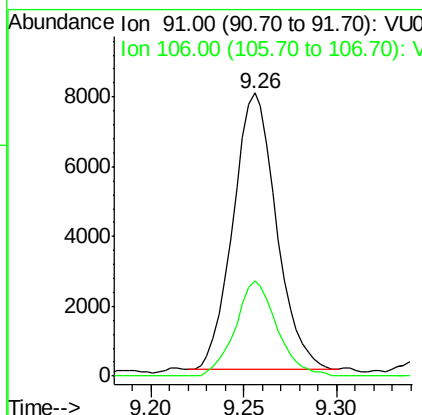
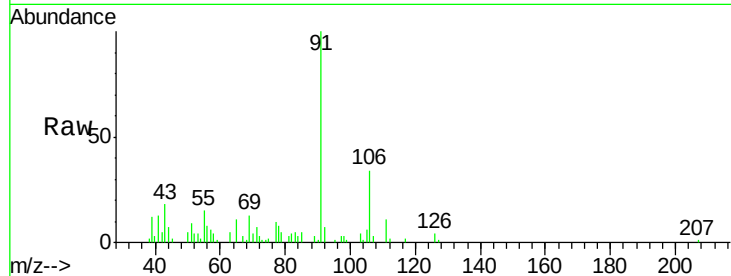
#67
Ethyl Benzene
Concen: 1.015 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion: 91 Resp: 12838
Ion Ratio Lower Upper
91 100
106 34.6 24.2 36.4

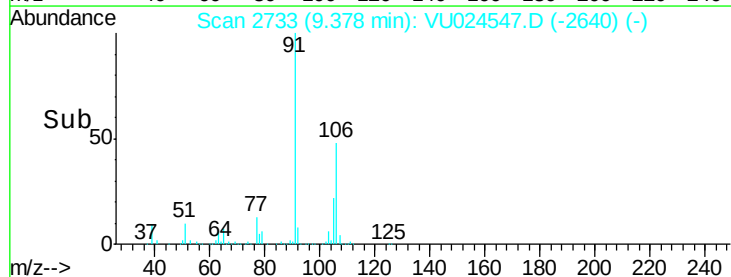
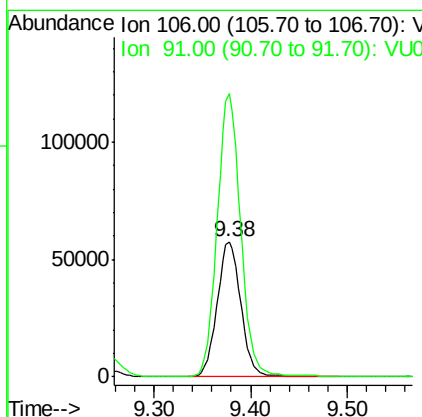
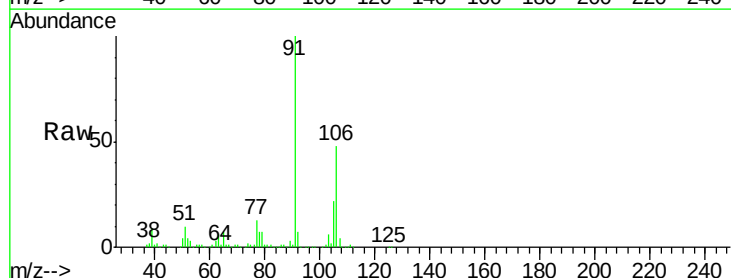
Manual Integrations
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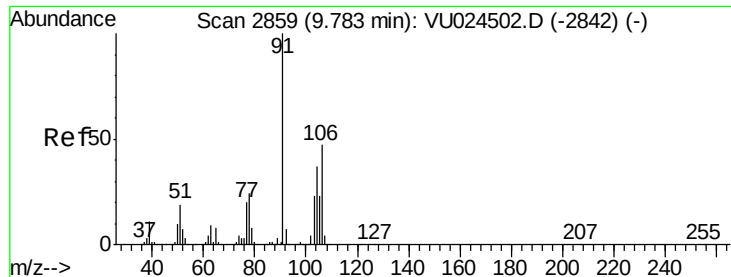
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#68
m/p-Xylenes
Concen: 20.227 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion: 106 Resp: 98214
Ion Ratio Lower Upper
106 100
91 206.0 166.5 249.7





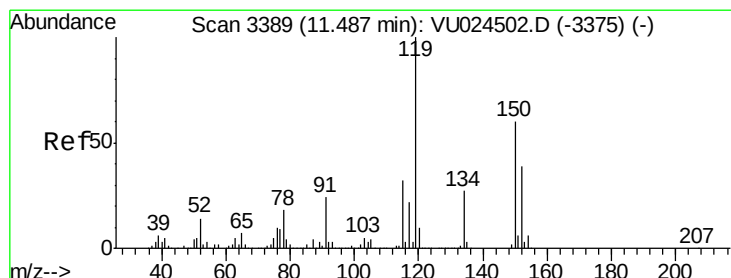
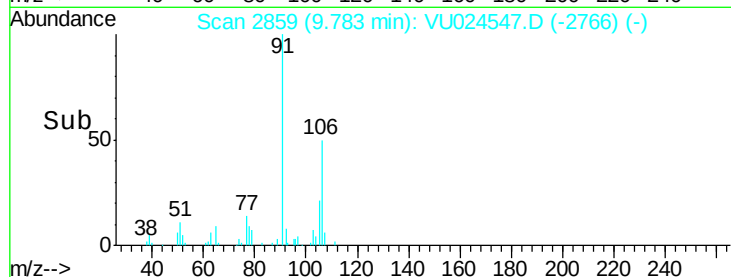
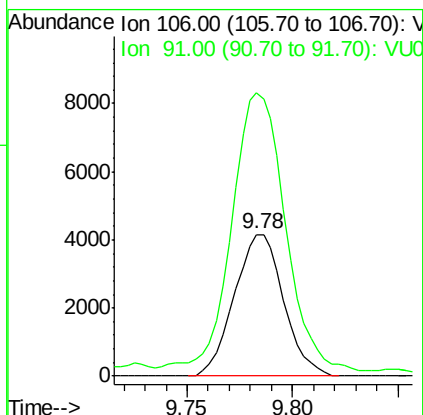
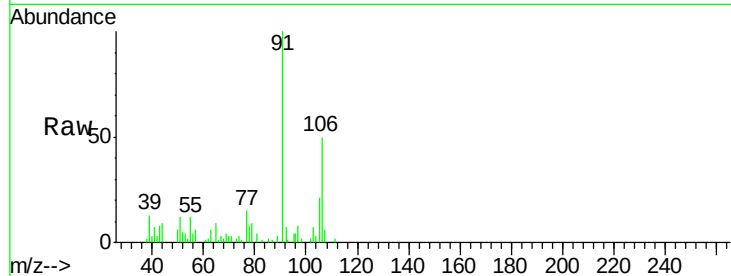
#69
o-Xylene
Concen: 1.407 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion:106 Resp: 6760
Ion Ratio Lower Upper
106 100
91 212.2 110.7 331.9

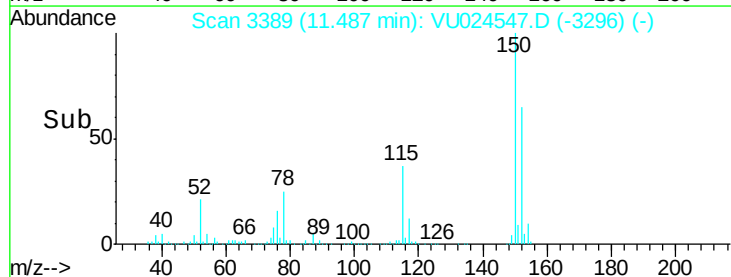
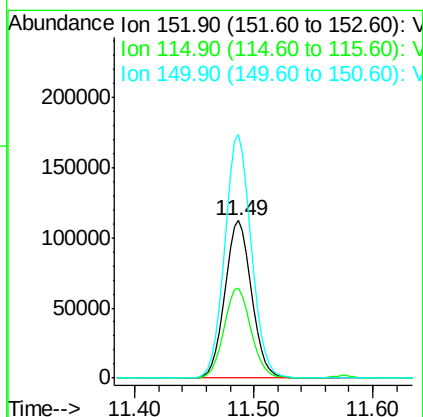
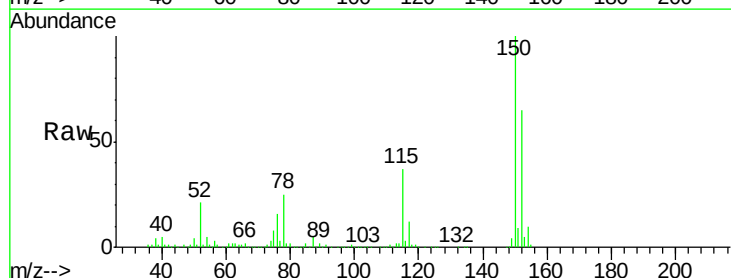
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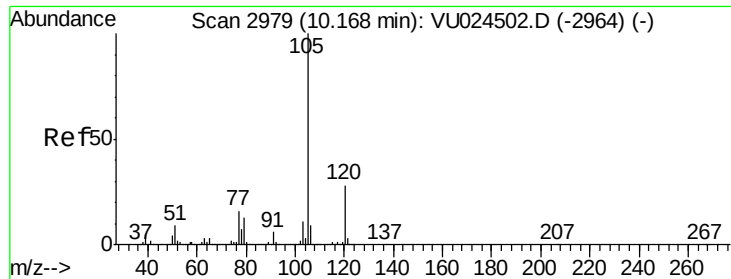
apatel
6/15/2018 3:19:27 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion:152 Resp: 174046
Ion Ratio Lower Upper
152 100
115 57.5 43.0 129.0
150 154.2 0.0 354.0





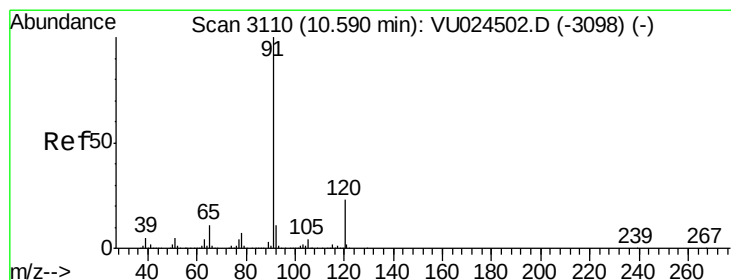
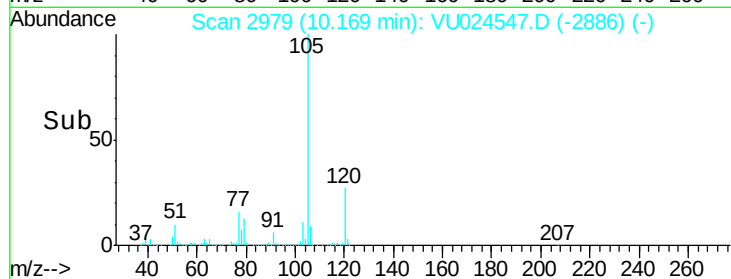
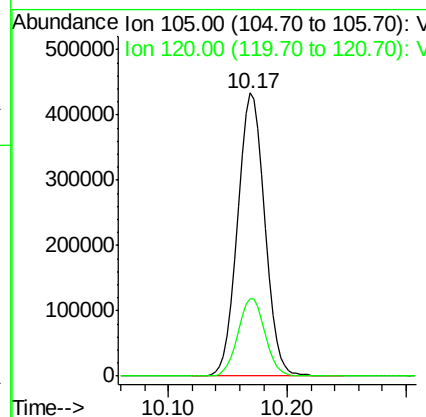
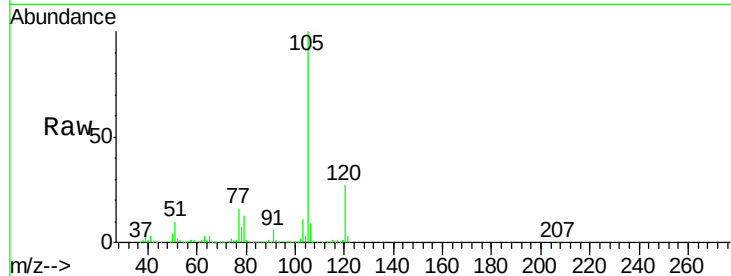
#73
Isopropylbenzene
Concen: 51.342 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
DUP-061118-01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.2	39.6

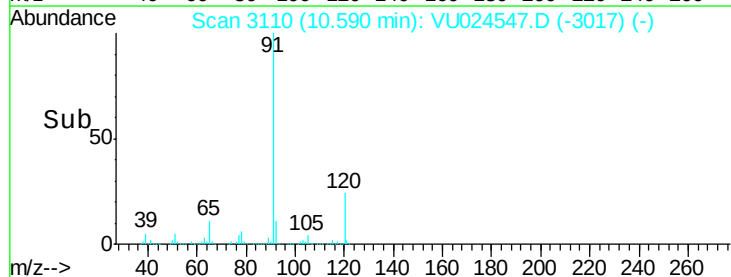
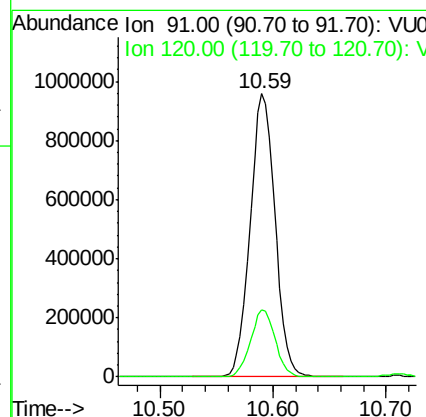
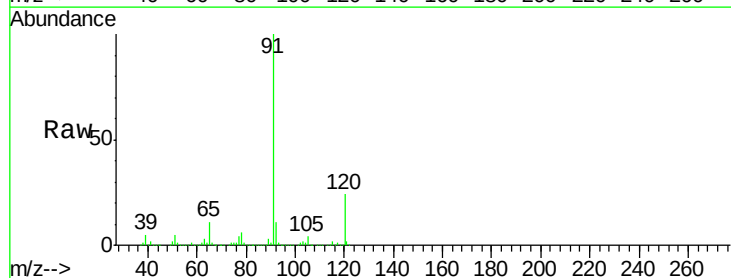
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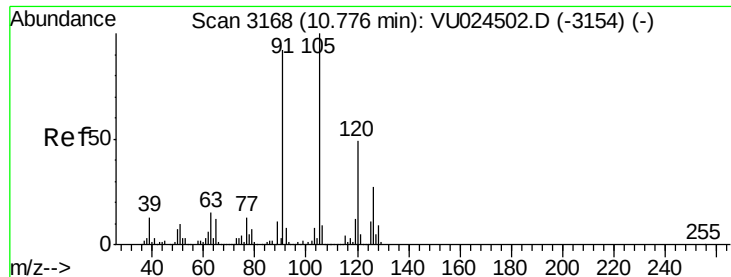
apatel
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#78
n-propylbenzene
Concen: 93.322 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU024547.D
Acq: 14 Jun 2018 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.2	33.5





#80

1,3,5-Trimethylbenzene

Concen: 1.207 ug/l m

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU024547.D

Acq: 14 Jun 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

DUP-061118-01

Tot Ion:105 Resp: 13985

Ion Ratio Lower Upper

105 100

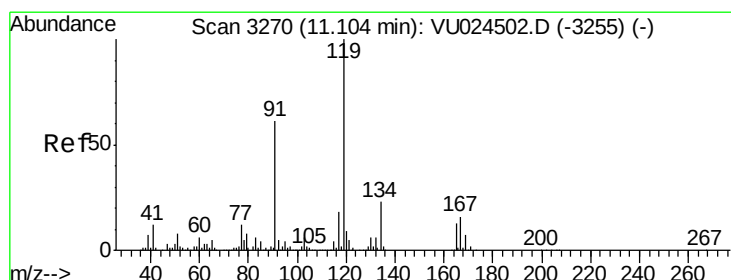
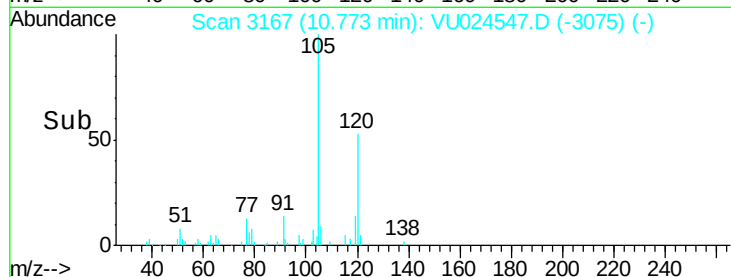
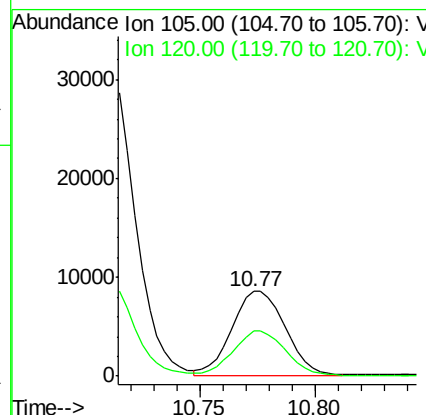
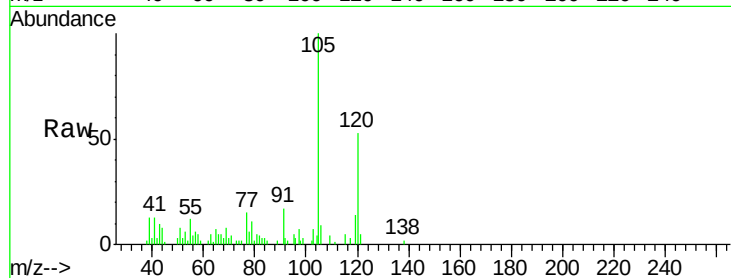
120 127.6 24.1 72.2#

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#83

tert-Butylbenzene

Concen: 3.092 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024547.D

Acq: 14 Jun 2018 18:02

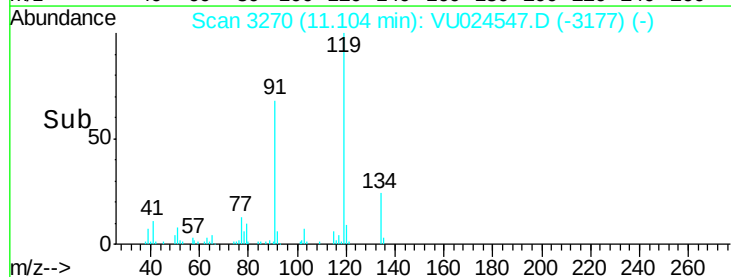
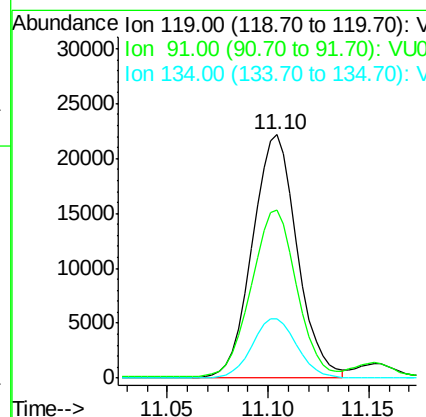
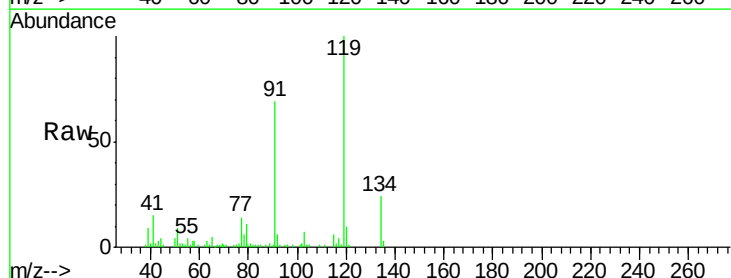
Tgt Ion:119 Resp: 34449

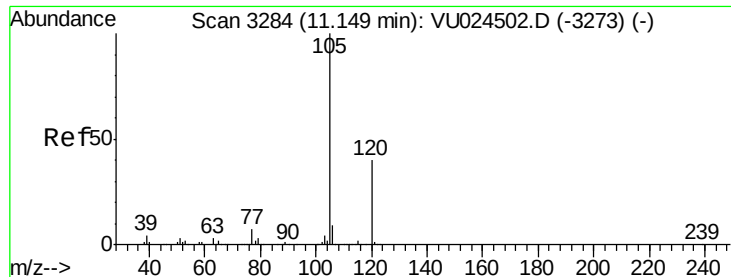
Ion Ratio Lower Upper

119 100

91 69.3 29.7 89.1

134 24.3 11.6 34.7





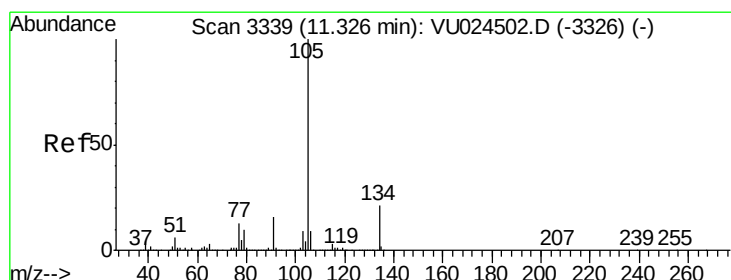
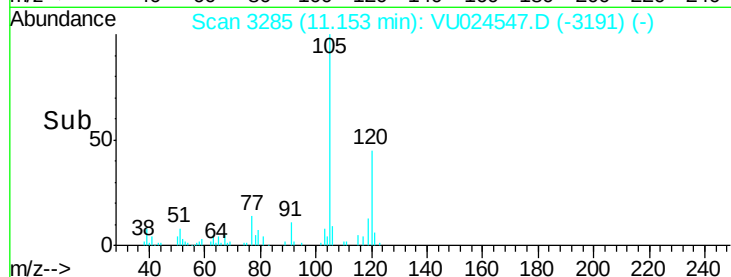
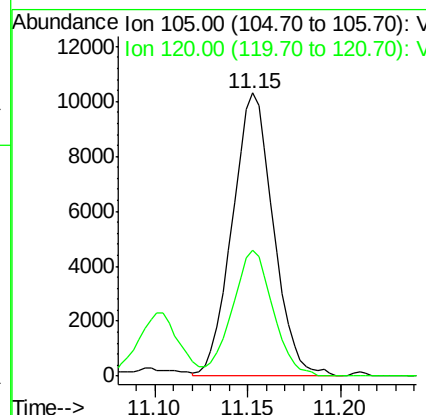
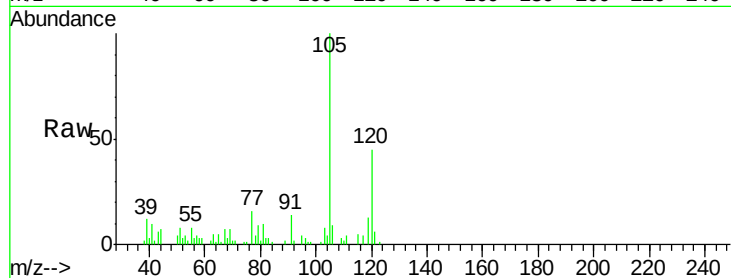
#84
 1,2,4-Trimethylbenzene
 Concen: 1.340 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024547.D
 Acq: 14 Jun 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-061118-01

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.6	67.8

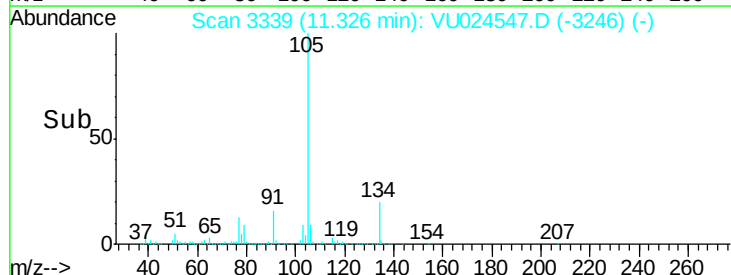
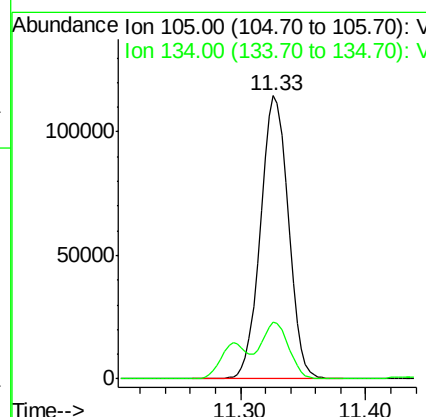
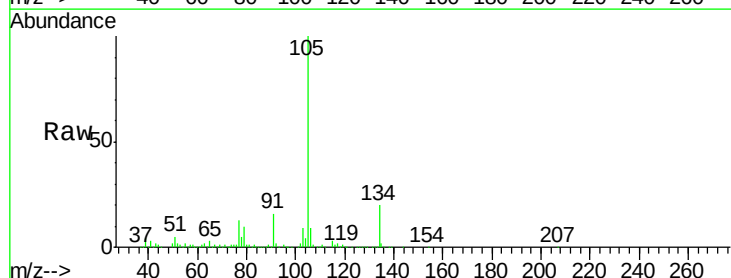
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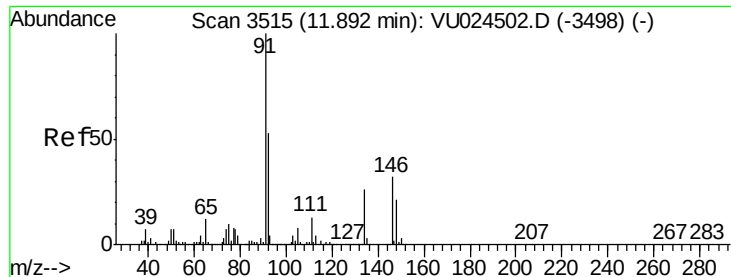
apatel
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#85
 sec-Butylbenzene
 Concen: 12.760 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024547.D
 Acq: 14 Jun 2018 18:02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1





#89

n-Butylbenzene

Concen: 9.437 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024547.D

Acq: 14 Jun 2018 18:02

Instrument :

MSVOA_U

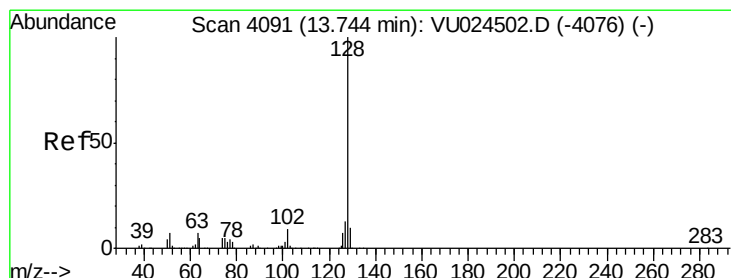
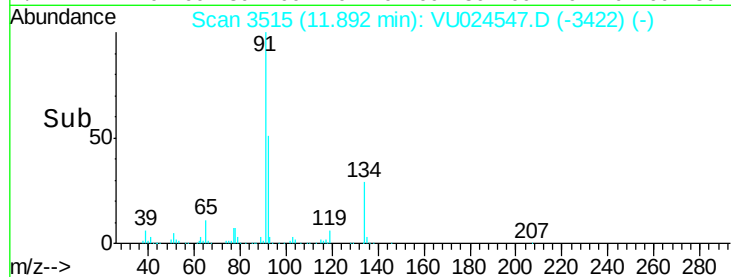
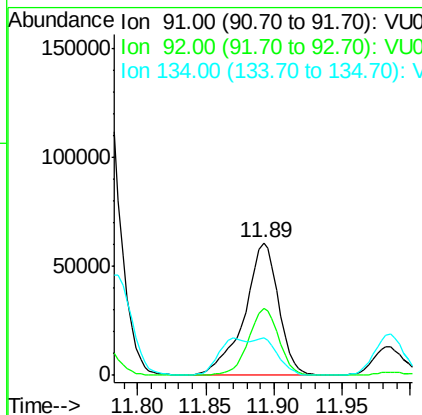
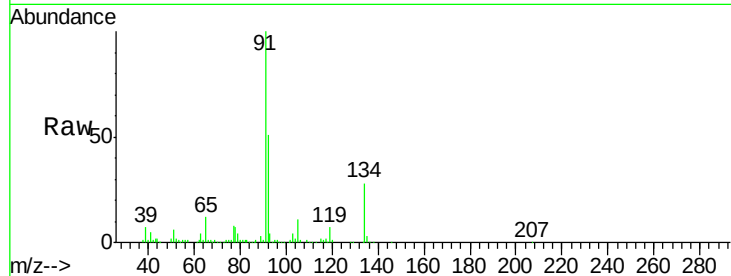
ClientSampleId :

DUP-061118-01

Tot Ion:	91	Resp:	104643
Ion Ratio	Lower	Upper	
91	100		
92	45.3	25.6	76.8
134	0.0	12.3	36.8#

Manual Integrations
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#95

Naphthalene

Concen: 4.284 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024547.D

Acq: 14 Jun 2018 18:02

Tgt Ion:	128	Resp:	46763
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.6	16.0
129	15.5	8.6	12.8#

