

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025299.D
 Acq On : 10 Jul 2018 19:20
 Operator : MD/SY
 Sample : J3898-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW103-180705

Manual Integrations
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 7/11/2018 5:05:55 PM

Quant Time: Jul 11 09:31:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312126	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	153345	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	4.89	113	121905	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
50) Toluene-d8	7.57	98	445075	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	10.31	95	165953	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	54223	23.12	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	21968	7.95	ug/l	91
40) Benzene	5.40	78	10233	1.02	ug/l	95
42) 1,2-Dichloroethane	5.41	62	4769	1.20	ug/l	84
65) Chlorobenzene	9.12	112	667123	92.52	ug/l	99
73) Isopropylbenzene	10.17	105	4503	0.38	ug/l	94
83) tert-Butylbenzene	11.10	119	63664	6.38	ug/l	89
85) sec-Butylbenzene	11.33	105	67023	5.70	ug/l	93
88) 1,4-Dichlorobenzene	11.51	146	9333	3.18	ug/l	84
91) 1,2-Dichlorobenzene	11.89	146	7174	1.29	ug/l	96

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

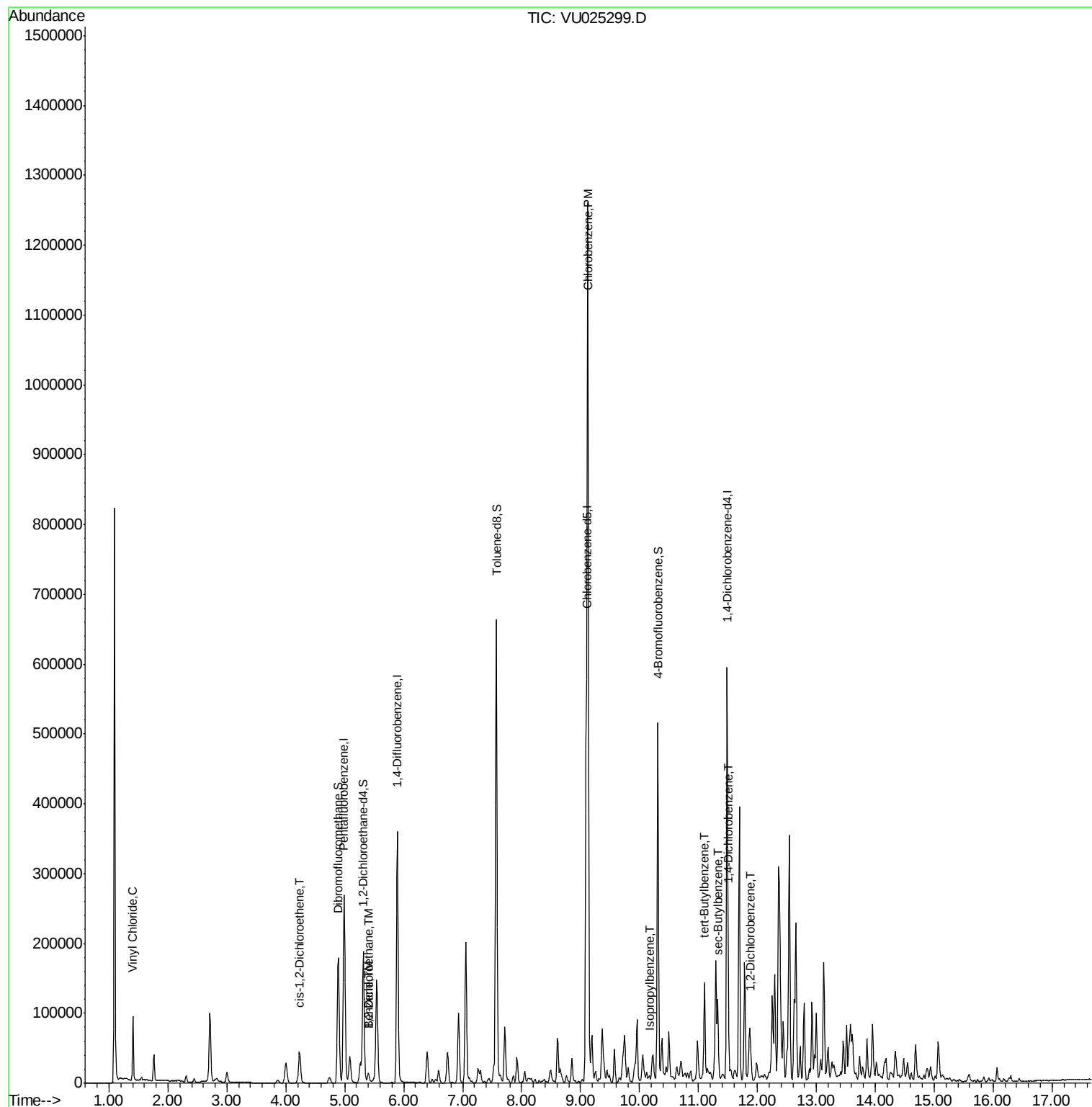
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025299.D
Acq On : 10 Jul 2018 19:20
Operator : MD/SY
Sample : J3898-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

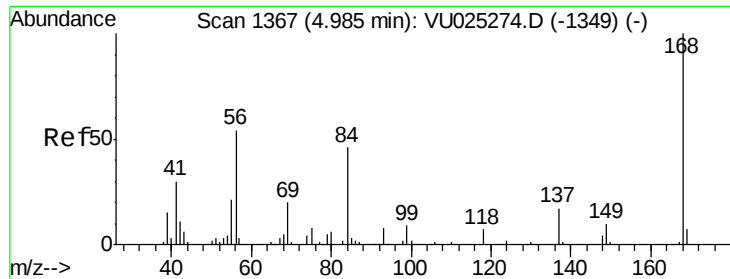
Instrument :
MSVOA_U
ClientSampleId :
SS038MW103-180705

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Quant Time: Jul 11 09:31:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 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: VU025299.D

Acq: 10 Jul 2018 19:20

Instrument :

MSVOA_U

ClientSampleId :

SS038MW103-180705

Tot Ion:168 Resp: 206239

Ion Ratio Lower Upper

168 100

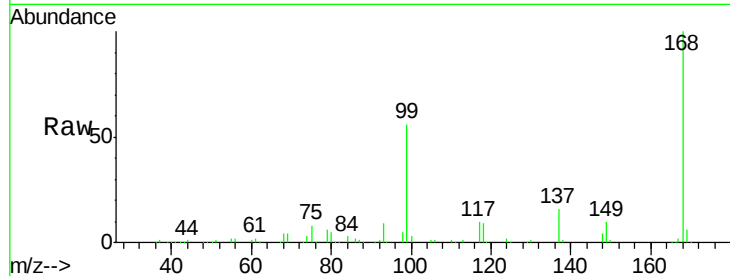
99 55.7 42.8 64.2

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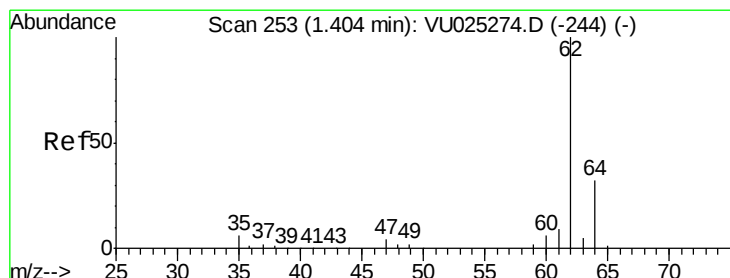
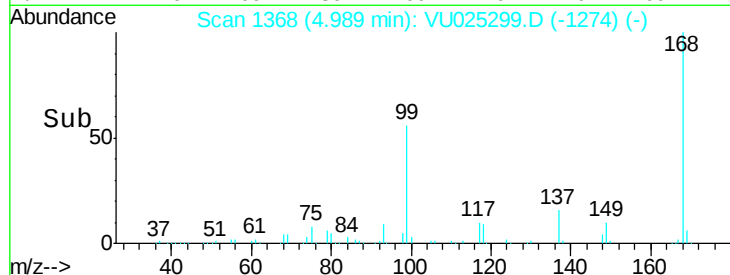
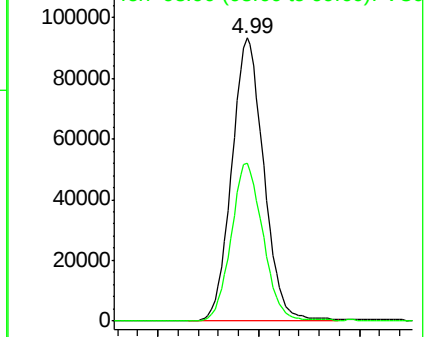
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Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025299.D (-1274) (-)



#4

Vinyl Chloride

Concen: 23.12 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025299.D

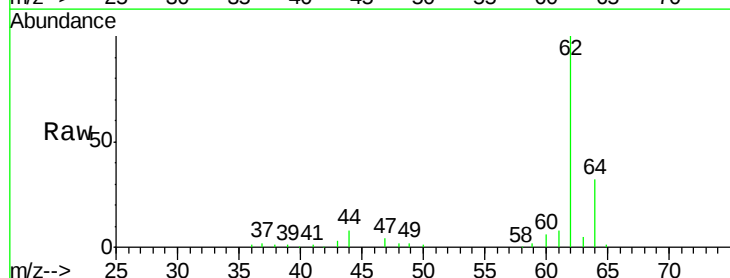
Acq: 10 Jul 2018 19:20

Tgt Ion: 62 Resp: 54223

Ion Ratio Lower Upper

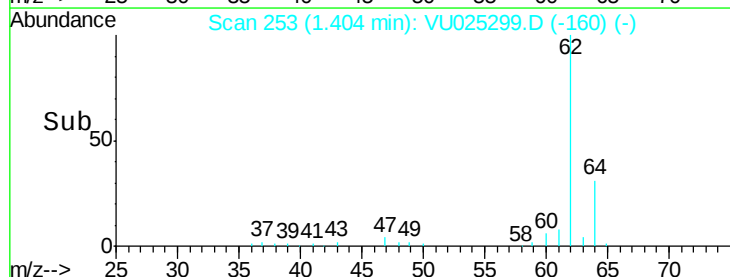
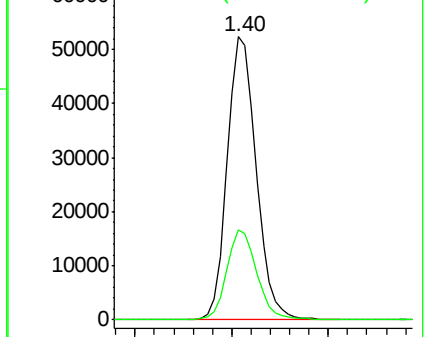
62 100

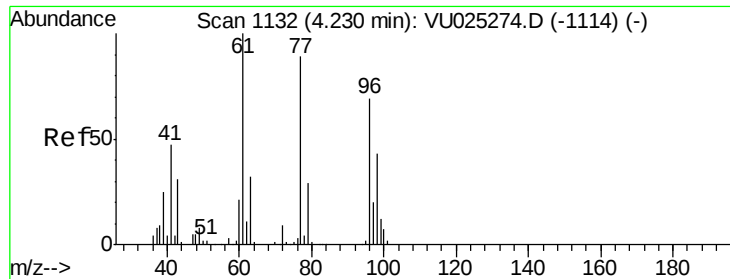
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025299.D (-160) (-)





#27

cis-1,2-Dichloroethene

Concen: 7.95 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025299.D

Acq: 10 Jul 2018 19:20

Instrument :

MSVOA_U

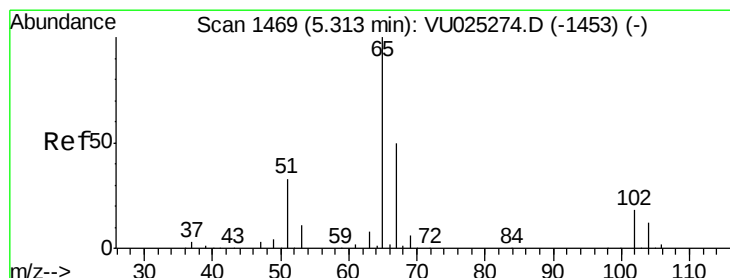
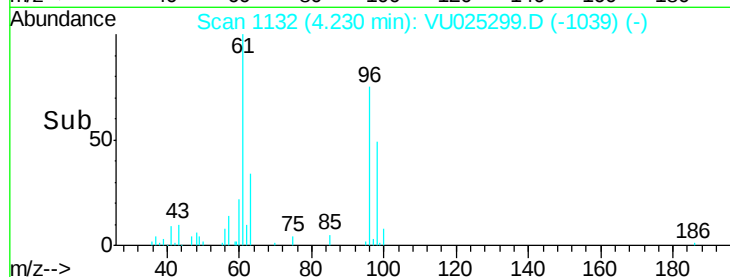
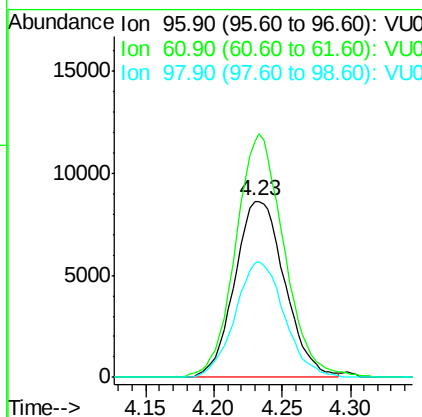
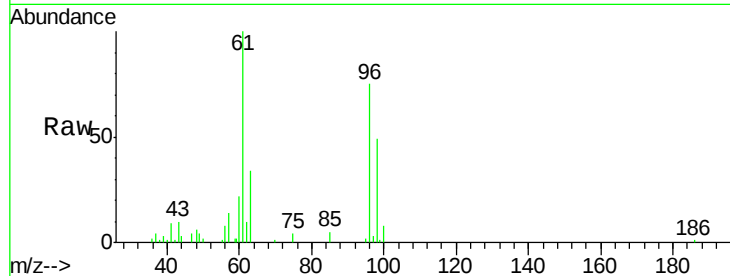
ClientSampleId :

SS038MW103-180705

Tot Ion:	96	Resp:	21968
Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	299.8
98	64.6	0.0	128.6

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#33

1,2-Dichloroethane-d4

Concen: 47.86 ug/l

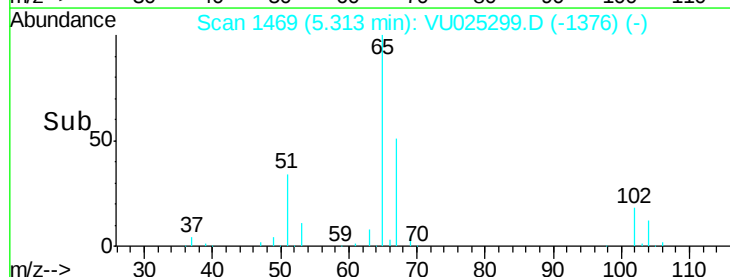
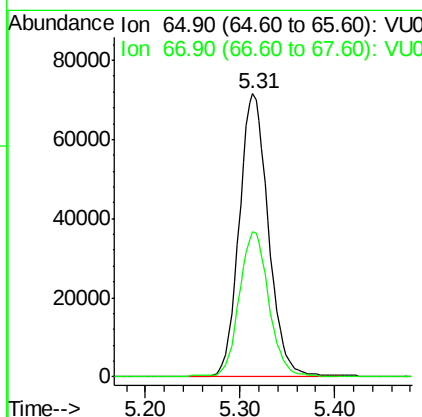
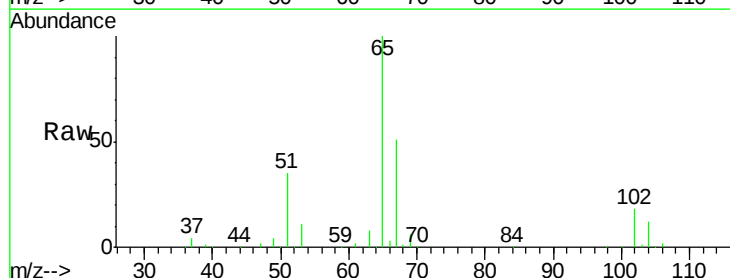
RT: 5.31 min Scan# 1469

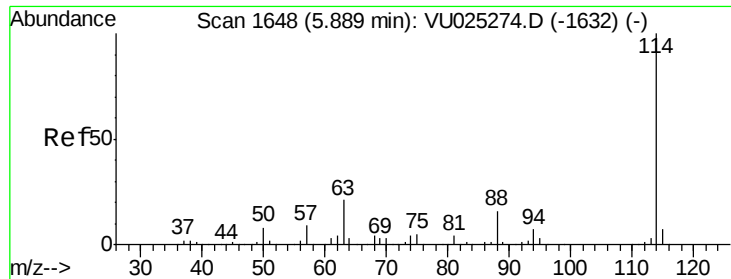
Delta R.T. 0.00 min

Lab File: VU025299.D

Acq: 10 Jul 2018 19:20

Tgt Ion:	65	Resp:	153345
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.6





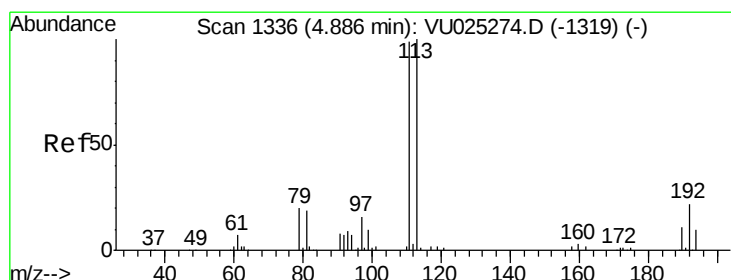
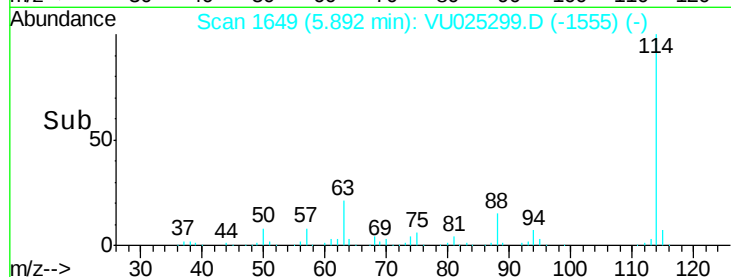
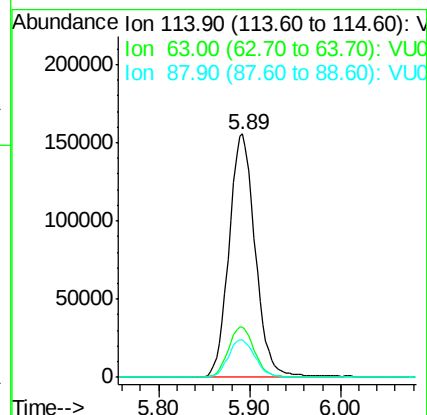
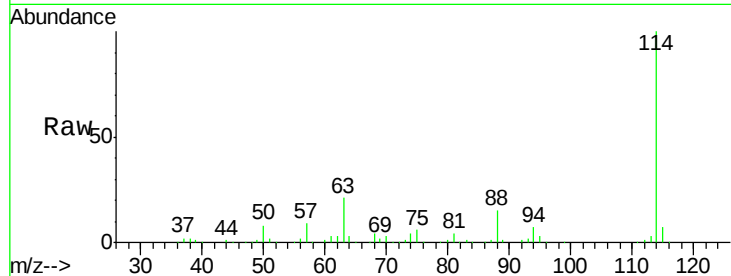
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025299.D
 Acq: 10 Jul 2018 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW103-180705

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.6	0.0	41.6
88	15.2	0.0	32.4

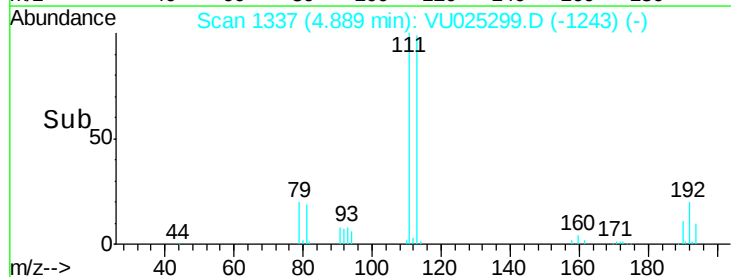
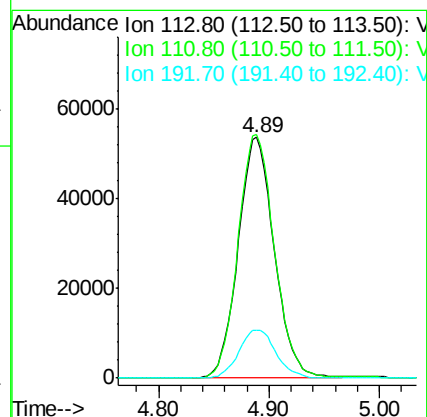
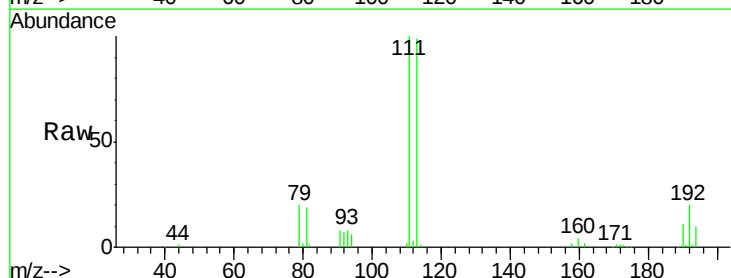
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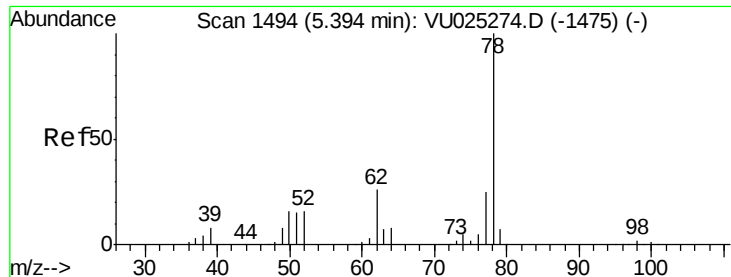
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#35
 Dibromofluoromethane
 Concen: 46.30 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025299.D
 Acq: 10 Jul 2018 19:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.1	81.7	122.5
192	20.6	17.1	25.7





#40

Benzene

Concen: 1.02 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025299.D

Acq: 10 Jul 2018 19:20

Instrument :

MSVOA_U

ClientSampleId :

SS038MW103-180705

Tot Ion: 78 Resp: 10233

Ion Ratio Lower Upper

78 100

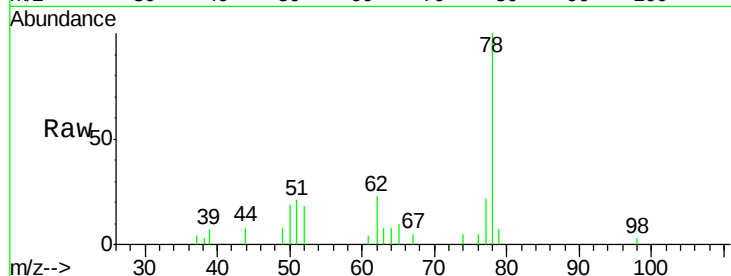
77 22.3 19.8 29.6

Manual Integrations

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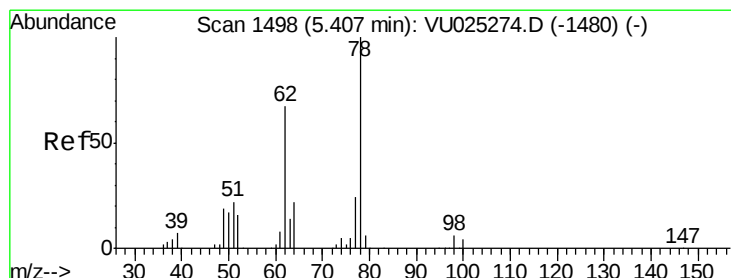
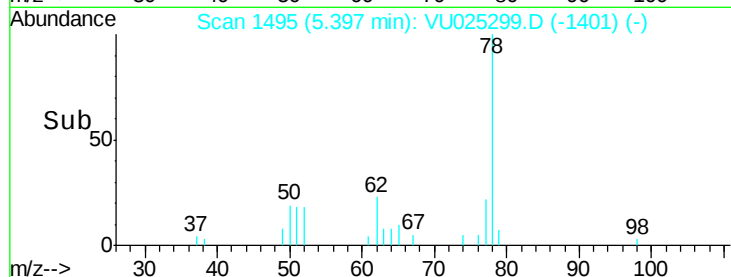
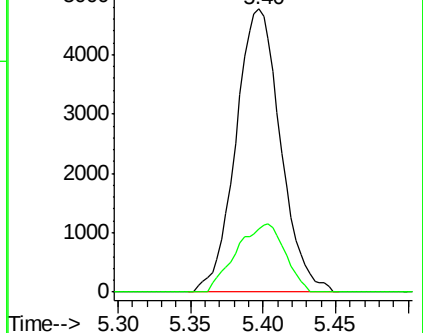
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Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#42

1,2-Dichloroethane

Concen: 1.20 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.01 min

Lab File: VU025299.D

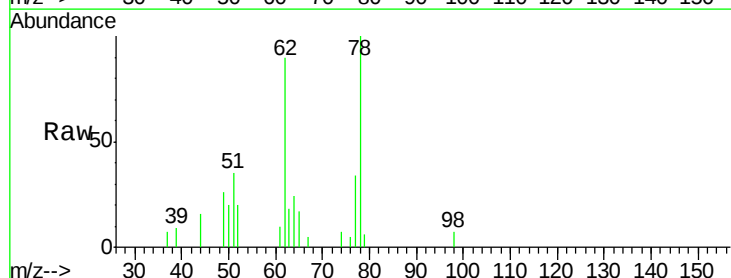
Acq: 10 Jul 2018 19:20

Tgt Ion: 62 Resp: 4769

Ion Ratio Lower Upper

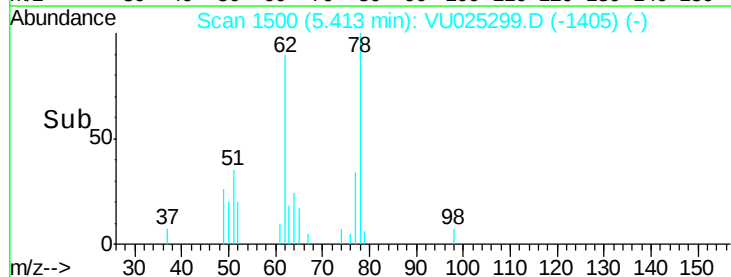
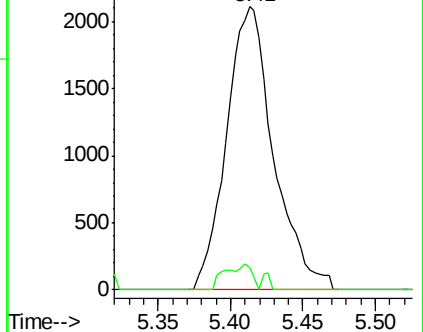
62 100

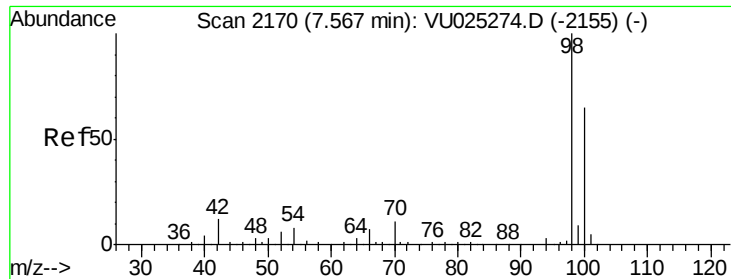
98 2.5 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





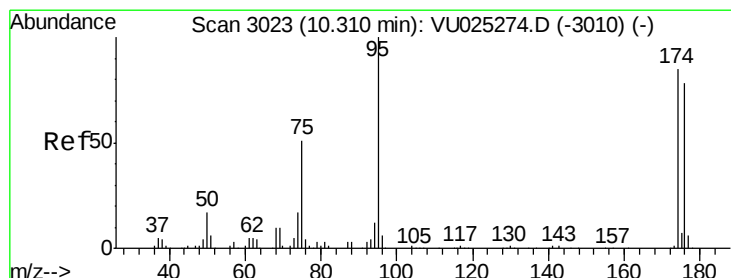
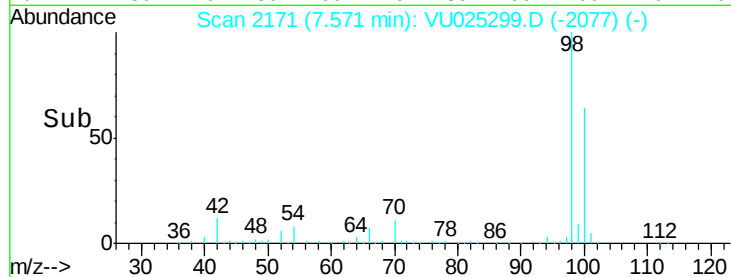
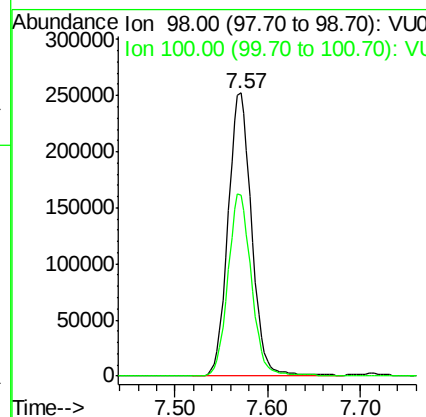
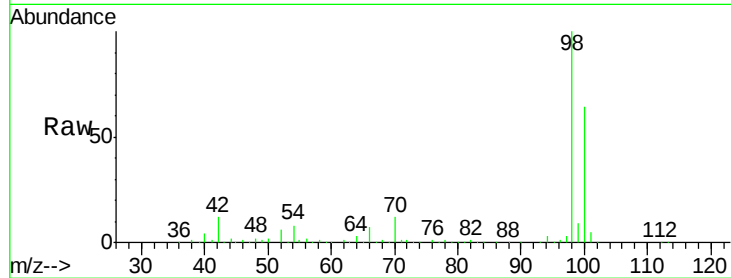
#50
Toluene-d8
Concen: 49.36 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025299.D
Acq: 10 Jul 2018 19:20

Instrument :
MSVOA_U
ClientSampleId :
SS038MW103-180705

Tot Ion: 98 Resp: 445075
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7

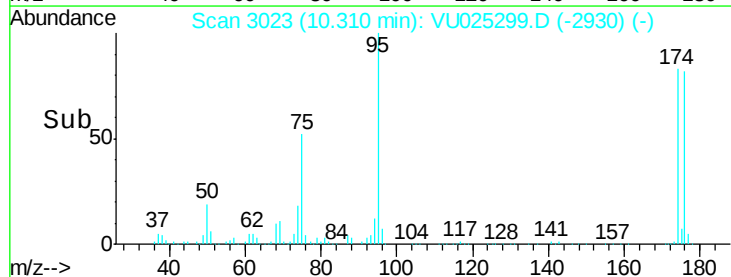
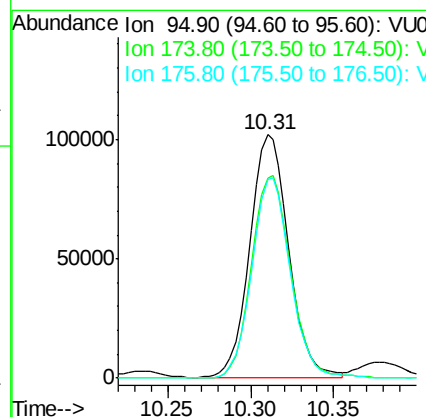
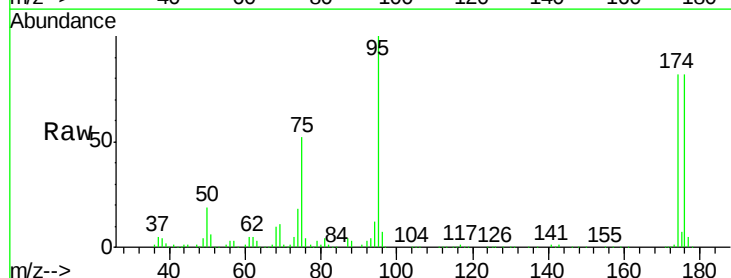
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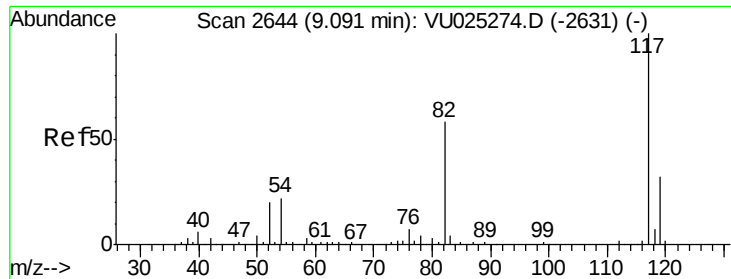
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#62
4-Bromofluorobenzene
Concen: 45.72 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025299.D
Acq: 10 Jul 2018 19:20

Tgt Ion: 95 Resp: 165953
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.2
176 82.4 0.0 162.6





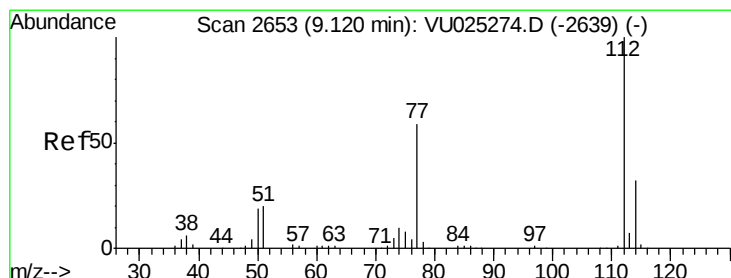
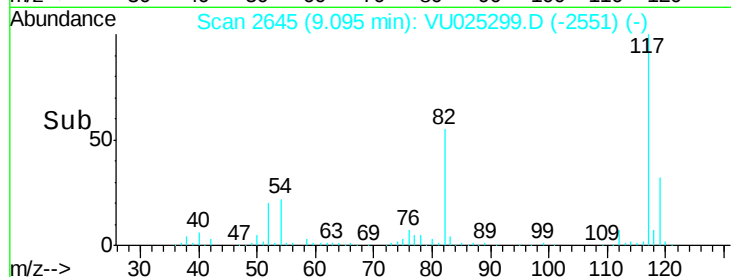
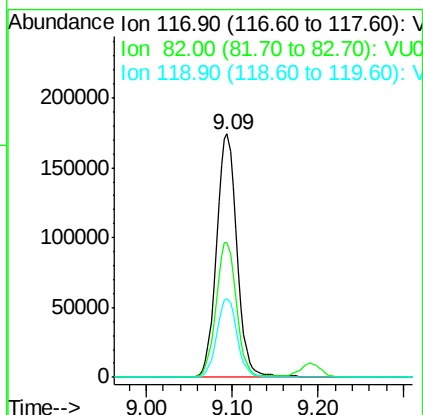
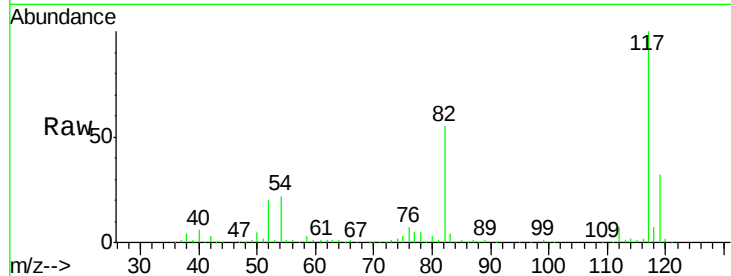
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025299.D
Acq: 10 Jul 2018 19:20

Instrument :
MSVOA_U
ClientSampleId :
SS038MW103-180705

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288637		
82	55.3	46.0	69.0	
119	32.5	26.0	39.0	

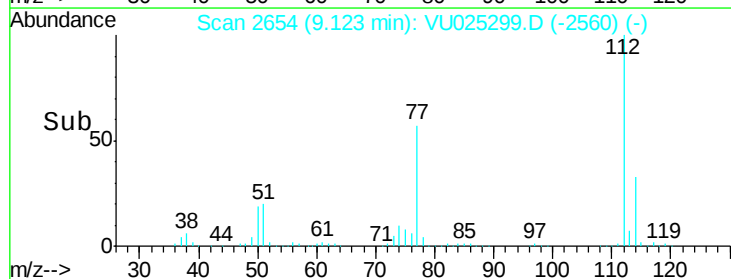
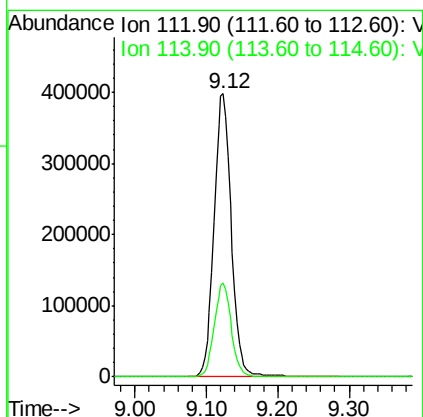
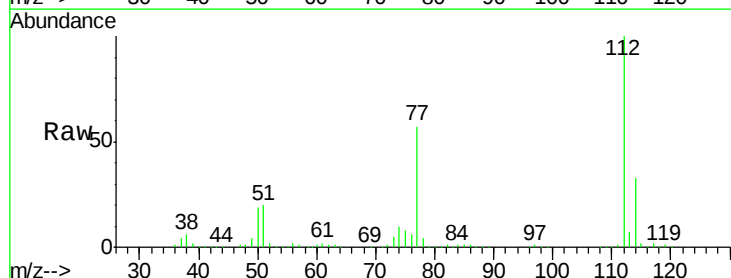
Manual Integrations
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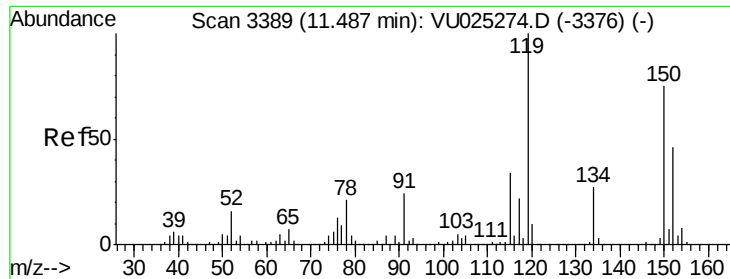
MMDadoda
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#65
Chlorobenzene
Concen: 92.52 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025299.D
Acq: 10 Jul 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	667123		
114	33.0	25.8	38.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025299.D

Acq: 10 Jul 2018 19:20

Instrument :

MSVOA_U

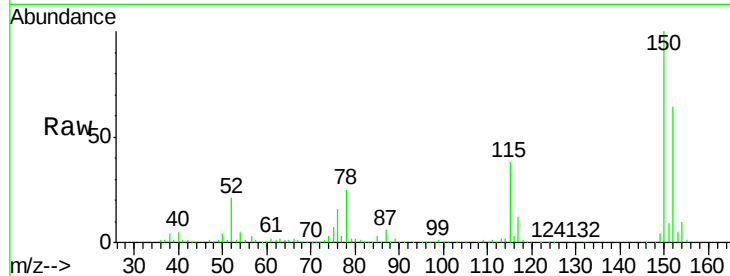
ClientSampleId :

SS038MW103-180705

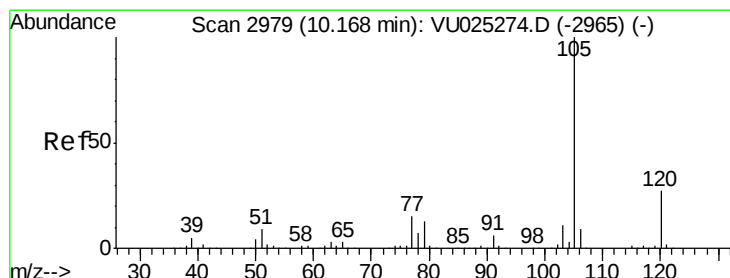
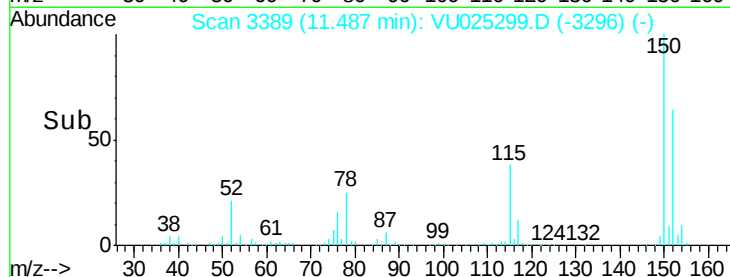
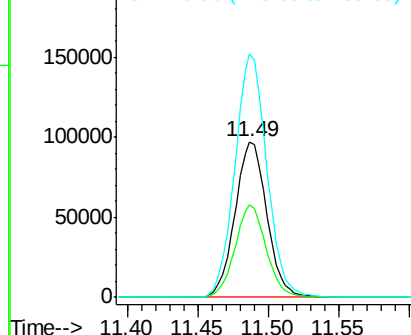
Tot Ion:	152	Resp:	153711
Ion Ratio	Lower	Upper	
152	100		
115	58.2	40.1	120.3
150	156.7	0.0	351.4

Manual Integrations
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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: 0.38 ug/l

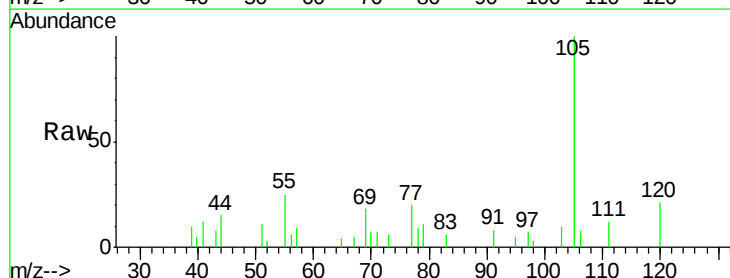
RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

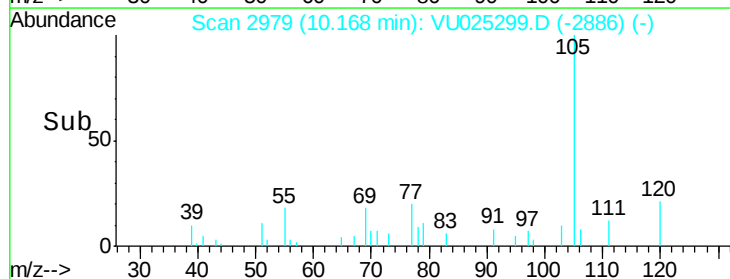
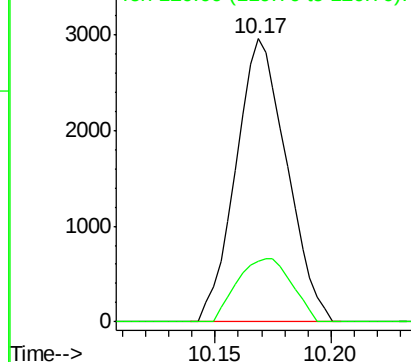
Lab File: VU025299.D

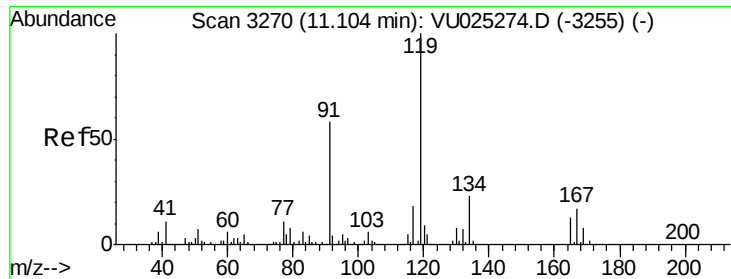
Acq: 10 Jul 2018 19:20

Tgt Ion:	105	Resp:	4503
Ion Ratio	Lower	Upper	
105	100		
120	24.0	13.5	40.5



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





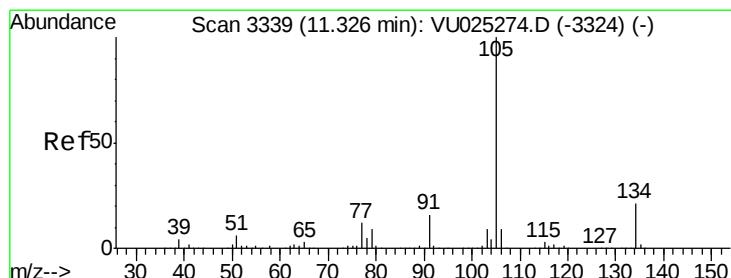
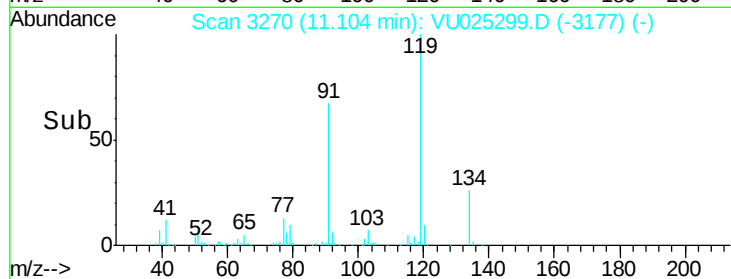
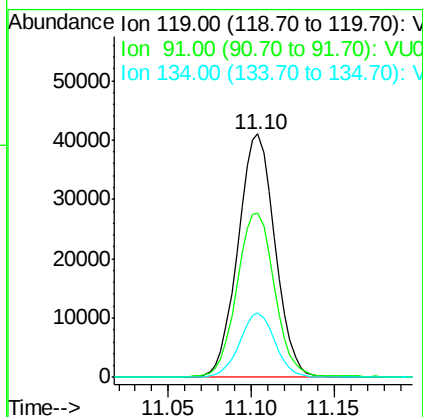
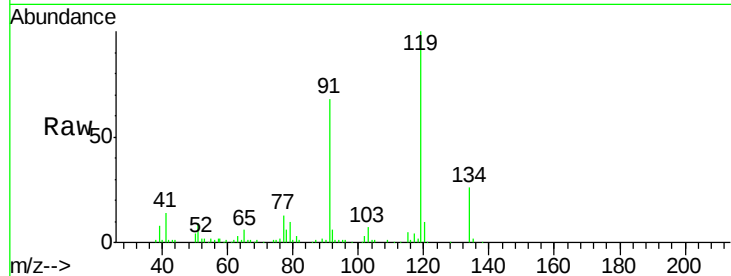
#83
tert-Butylbenzene
Concen: 6.38 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025299.D
Acq: 10 Jul 2018 19:20

Instrument :
MSVOA_U
ClientSampleId :
SS038MW103-180705

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.8	29.7	89.1
134	25.2	11.5	34.5

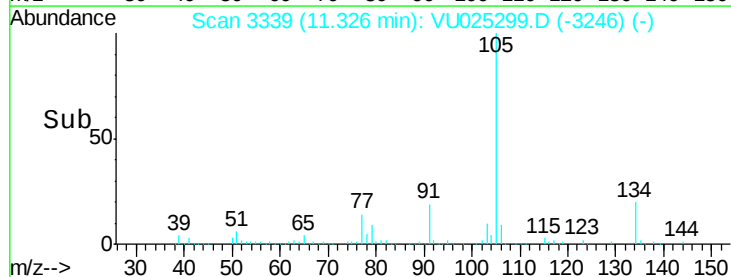
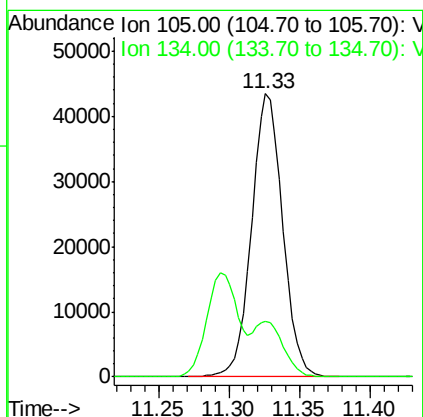
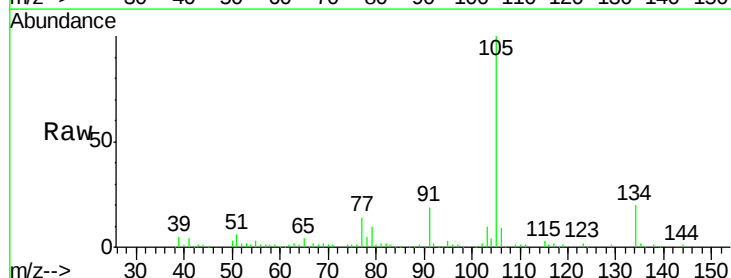
Manual Integrations
APPROVED

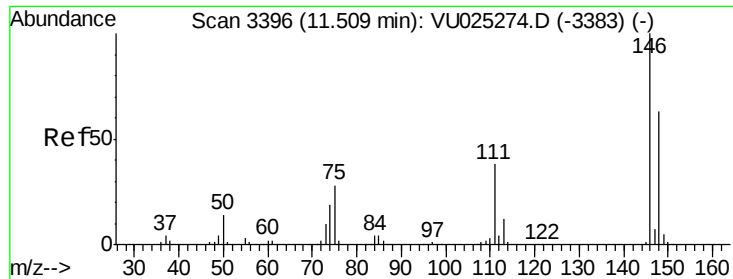
MMDadoda
7/11/2018 5:05:55 PM



#85
sec-Butylbenzene
Concen: 5.70 ug/l
RT: 11.33 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VU025299.D
Acq: 10 Jul 2018 19:20

Tgt Ion	Ratio	Lower	Upper
105	100		
134	17.1	10.3	30.8





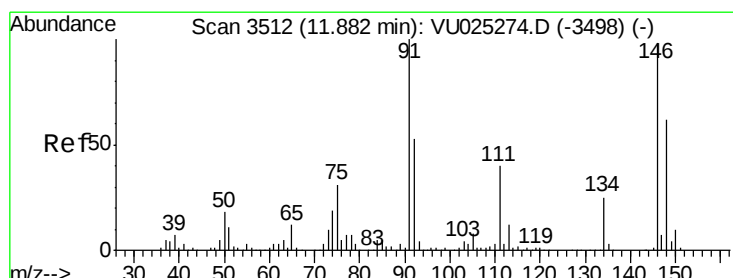
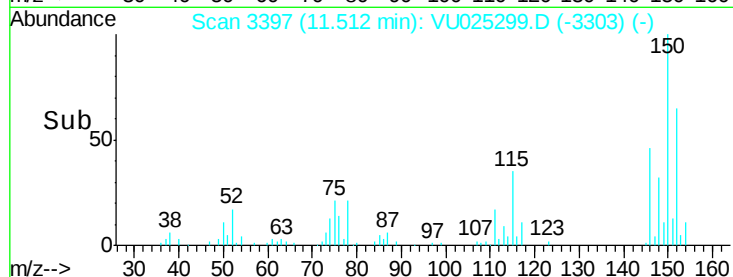
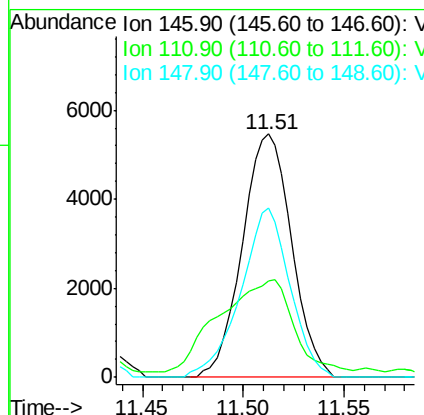
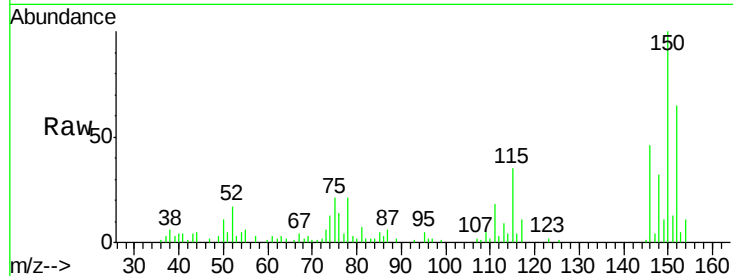
#88
 1,4-Dichlorobenzene
 Concen: 3.18 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025299.D
 Acq: 10 Jul 2018 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW103-180705

Tot Ion	Ratio	Lower	Upper
146	100		
111	56.3	19.4	58.1
148	69.4	31.7	95.1

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 5:05:55 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.29 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025299.D
 Acq: 10 Jul 2018 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	20.6	61.8
148	60.6	31.5	94.5

