

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025142.D
 Acq On : 02 Jul 2018 14:47
 Operator : MD/SY
 Sample : J3759-16DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW124-180626DL

Manual Integrations
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sam
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Quant Time: Jul 03 04:57:39 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	210121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310016	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147170	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	157926	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
35) Dibromofluoromethane	4.89	113	122157	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	7.57	98	448652	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	10.31	95	164895	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	139872	50.48	ug/l	95
11) Tert butyl alcohol	2.84	59	6492	7.78	ug/l #	75
27) cis-1,2-Dichloroethene	4.23	96	161807	53.41	ug/l	89
40) Benzene	5.39	78	13602	1.31	ug/l	94
44) Trichloroethene	6.20	130	1984	0.67	ug/l	87
65) Chlorobenzene	9.12	112	250442	34.02	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	3796m	0.71	ug/l	
91) 1,2-Dichlorobenzene	11.89	146	9933	1.88	ug/l	98

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

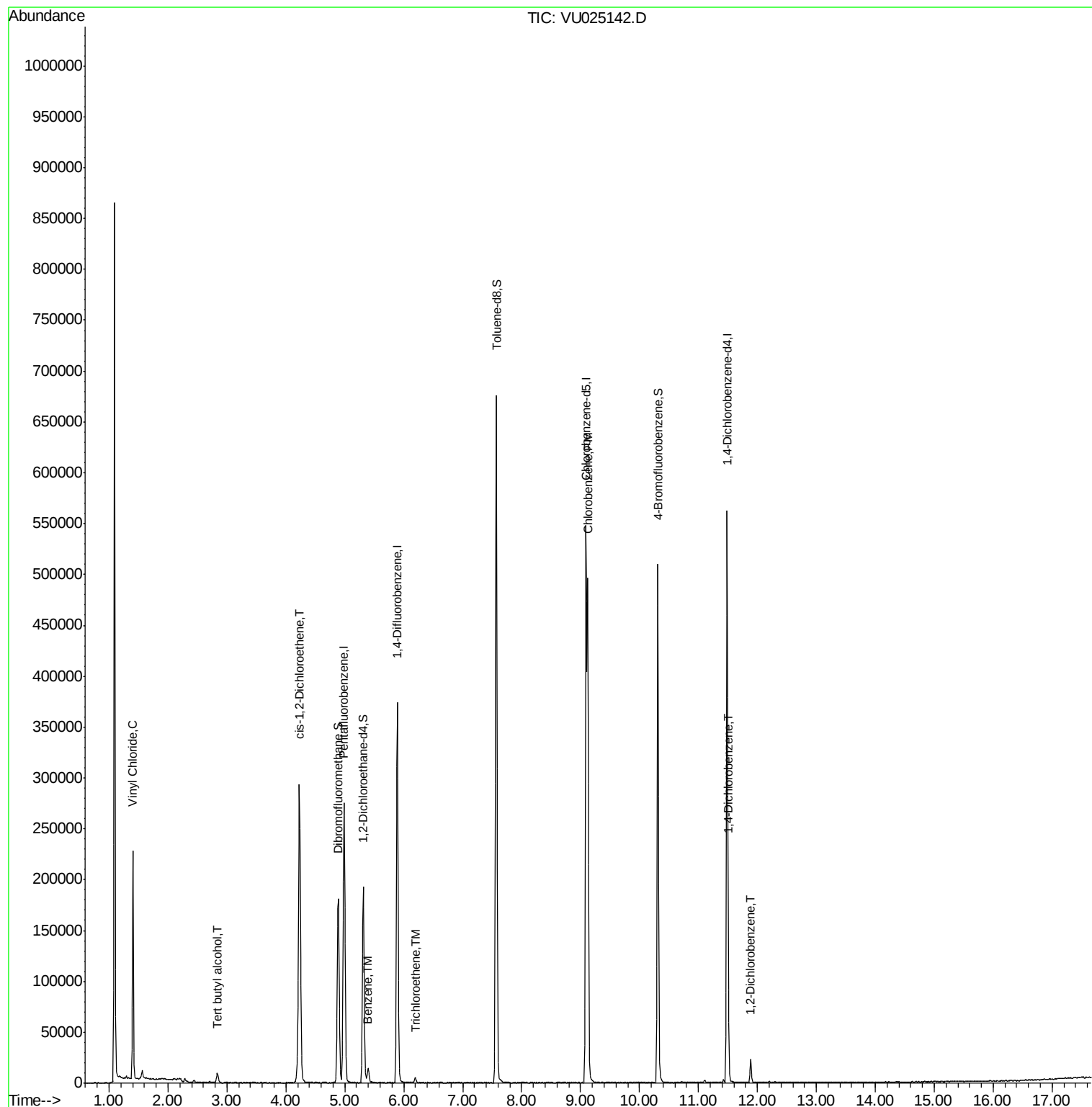
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025142.D
Acq On : 02 Jul 2018 14:47
Operator : MD/SY
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Quant Time: Jul 03 04:57:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025142.D

Acq: 02 Jul 2018 14:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW124-180626DL

Tot Ion:168 Resp: 210121

Ion Ratio Lower Upper

168 100

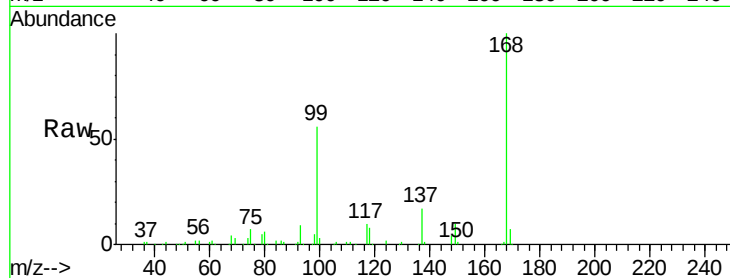
99 55.6 43.2 64.8

Manual Integrations

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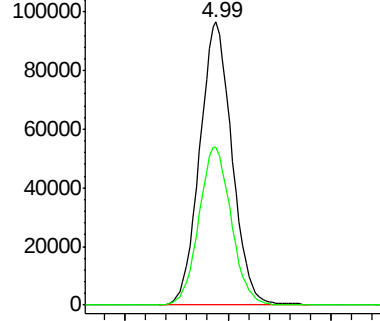
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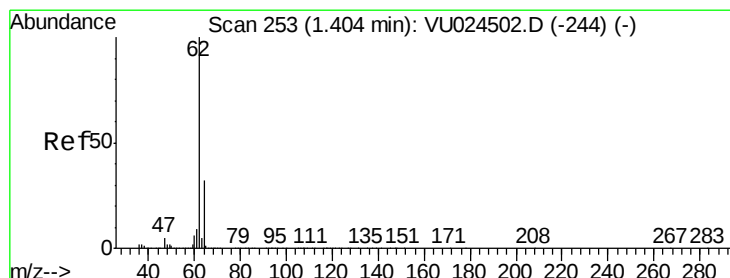
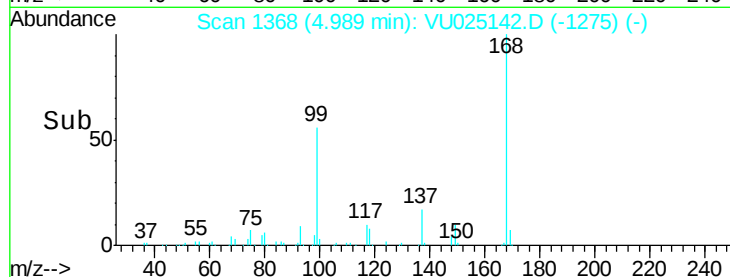


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



Time-->



#4

Vinyl Chloride

Concen: 50.48 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025142.D

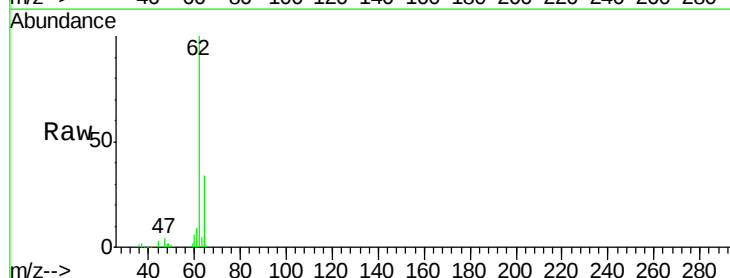
Acq: 02 Jul 2018 14:47

Tgt Ion: 62 Resp: 139872

Ion Ratio Lower Upper

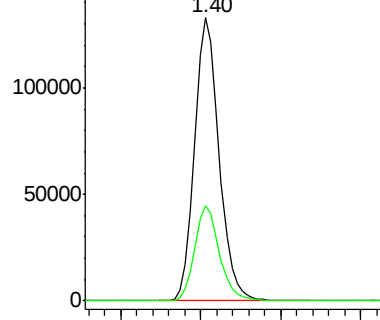
62 100

64 33.5 24.8 37.2

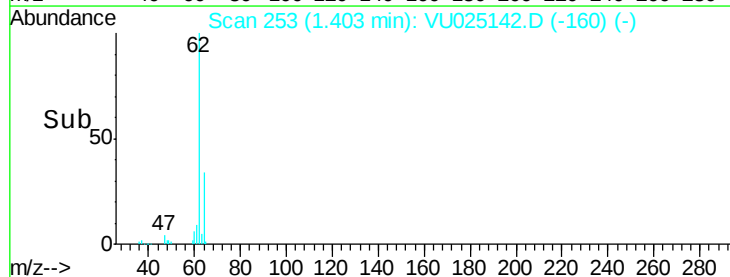


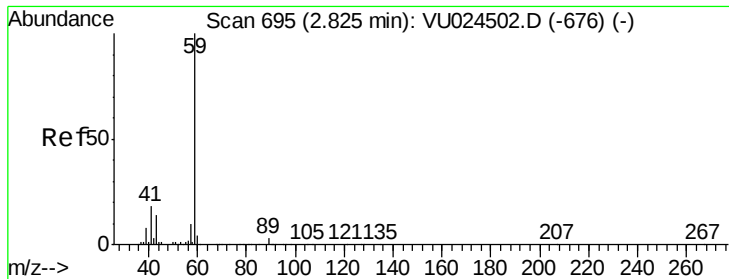
Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



Time-->





#11

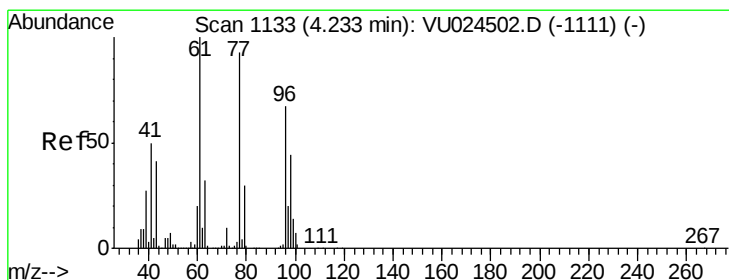
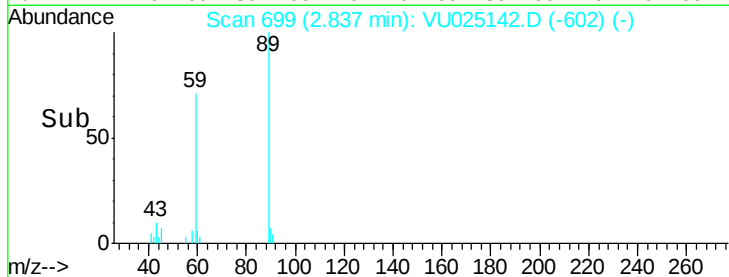
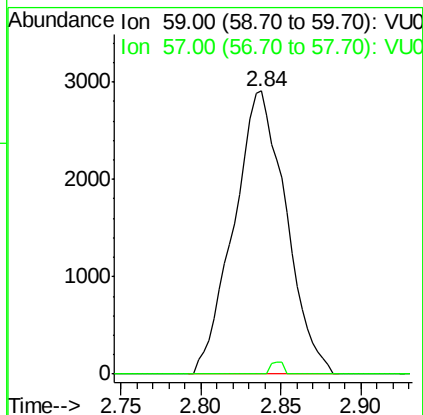
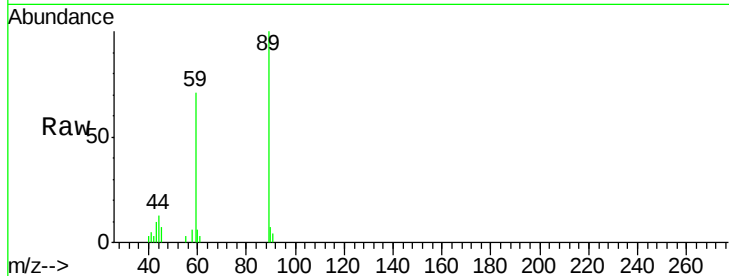
Tert butyl alcohol
Concen: 7.78 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025142.D
Acq: 02 Jul 2018 14:47

Instrument :
MSVOA_U
ClientSampleId :
WP021MW124-180626DL

Tot Ion	Ratio	Lower	Upper
59	100		
57	1.1	8.5	12.7#

Manual Integrations
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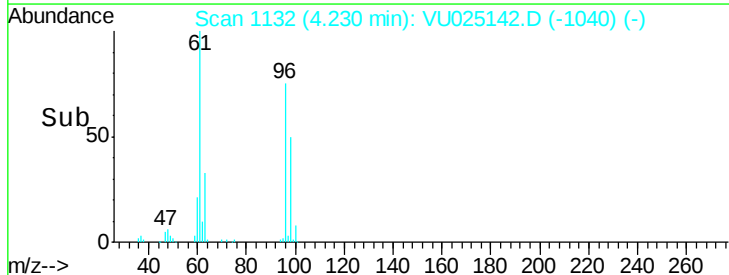
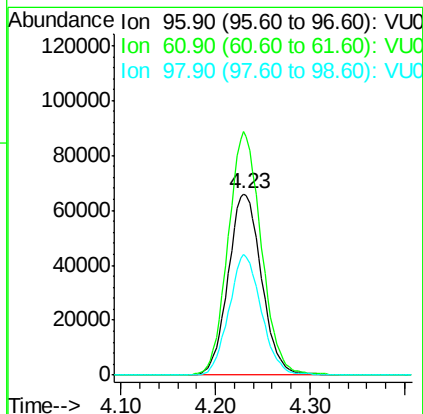
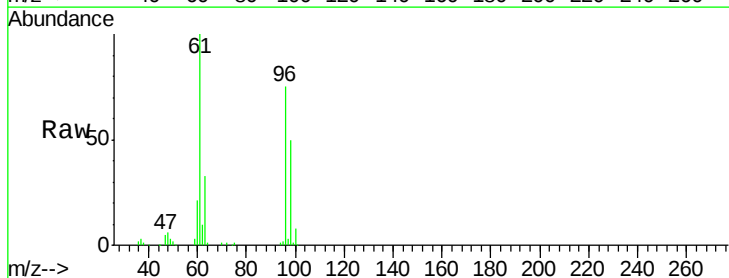
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#27

cis-1,2-Dichloroethene
Concen: 53.41 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025142.D
Acq: 02 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	306.6
98	64.8	0.0	128.8





#33

1,2-Dichloroethane-d4

Concen: 46.04 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025142.D

Acq: 02 Jul 2018 14:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW124-180626DL

Tot Ion: 65 Resp: 157926

Ion Ratio Lower Upper

65 100

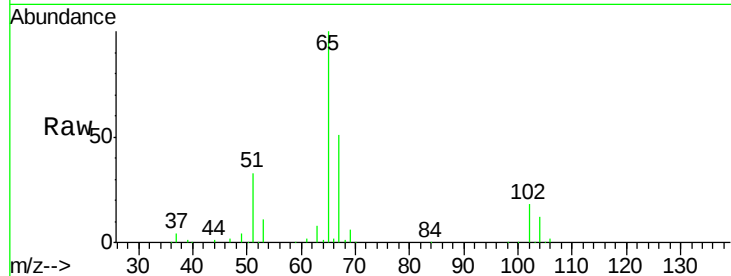
67 51.3 0.0 107.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VU025142.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025142.D (-1376) (-)

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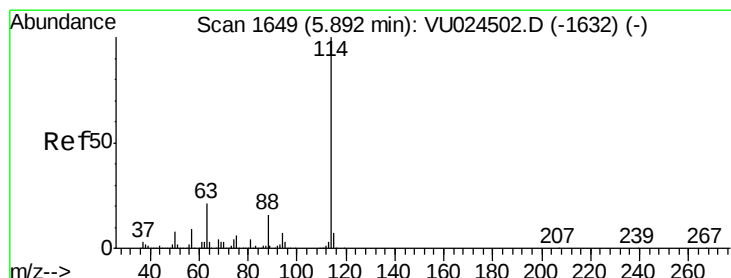
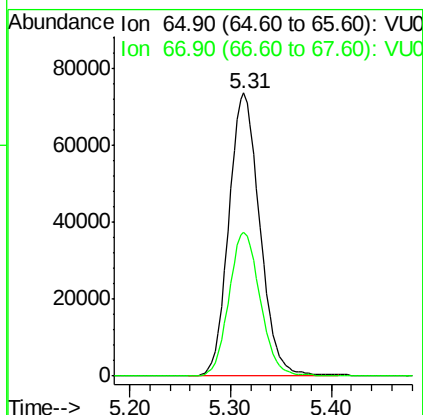
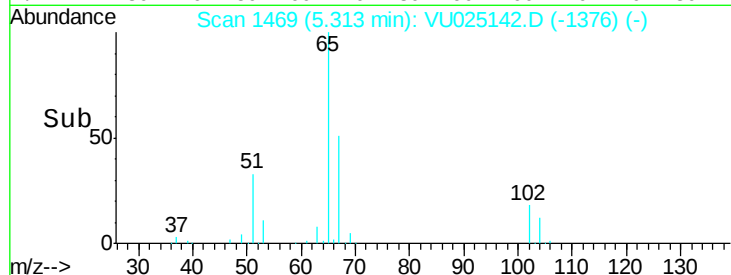
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025142.D

Acq: 02 Jul 2018 14:47

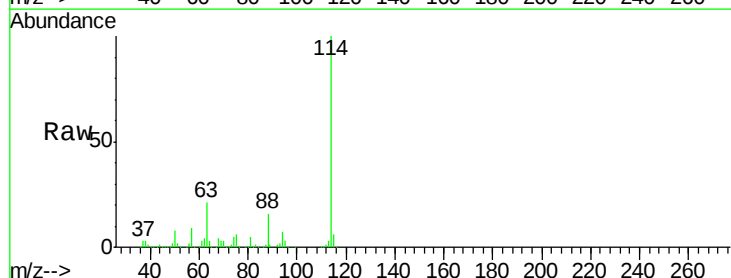
Tgt Ion: 114 Resp: 310016

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025142.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025142.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025142.D (-1556) (-)

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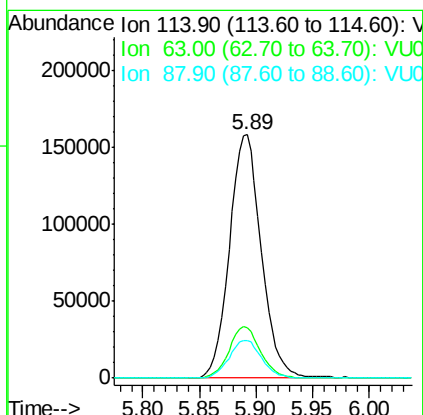
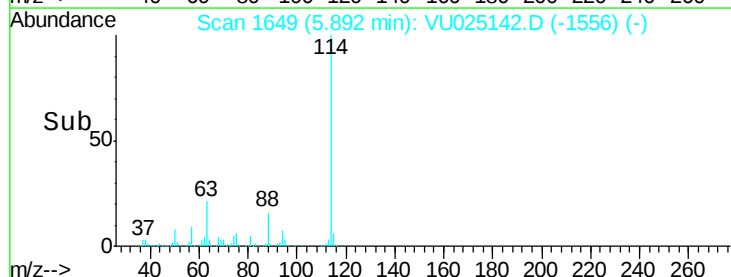
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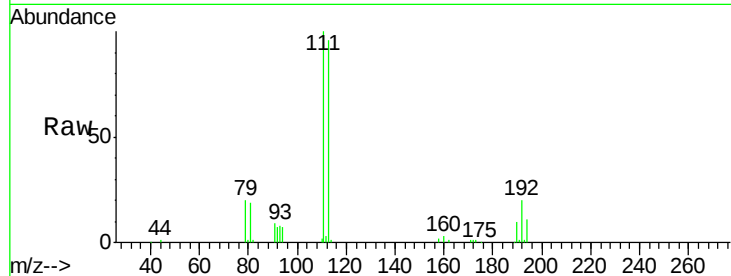
#35
 Dibromofluoromethane
 Concen: 47.48 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025142.D
 Acq: 02 Jul 2018 14:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW124-180626DL

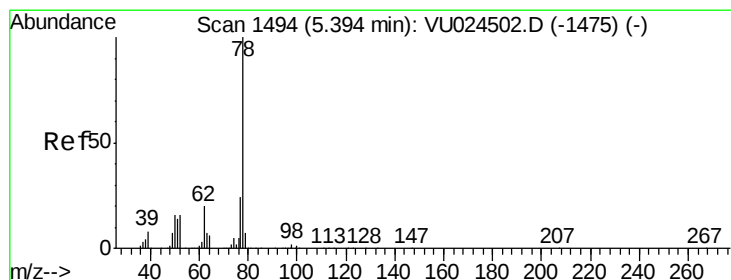
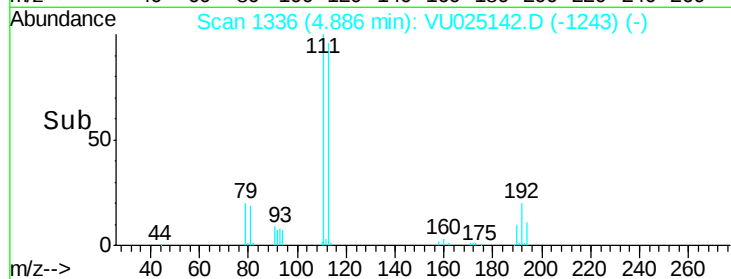
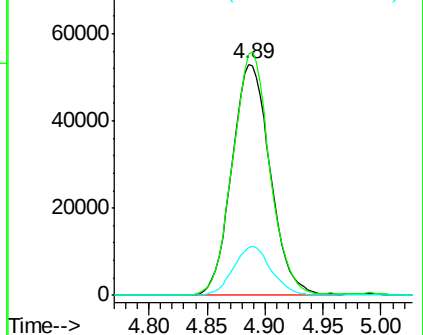
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	20.8	16.2	24.4

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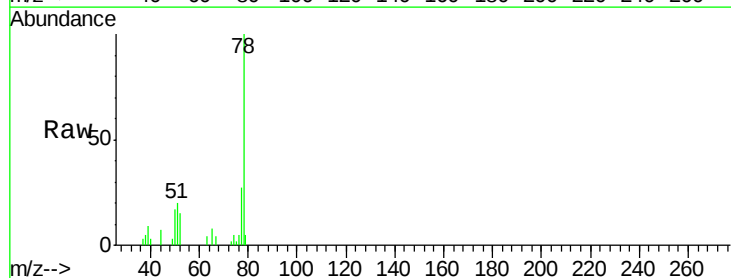


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

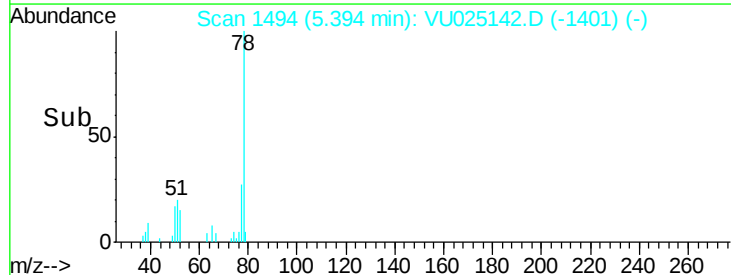
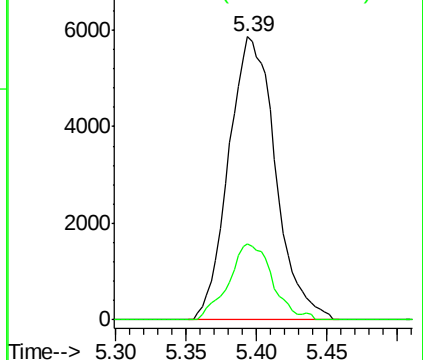


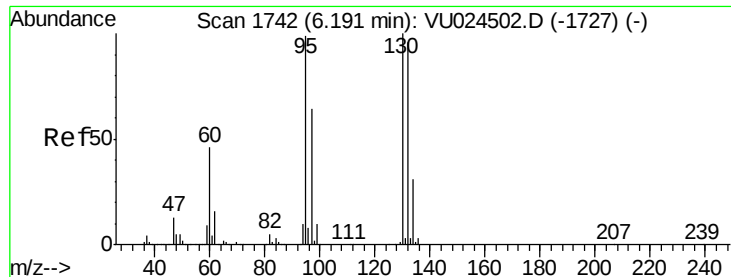
#40
 Benzene
 Concen: 1.31 ug/l
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU025142.D
 Acq: 02 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.8	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





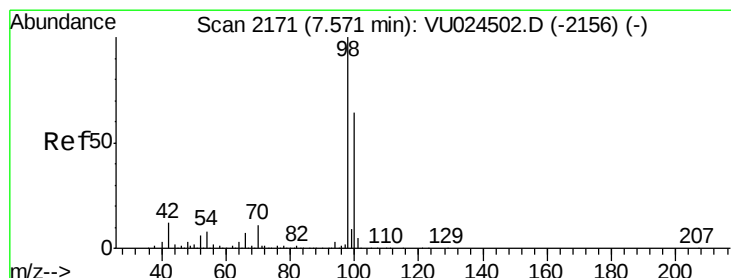
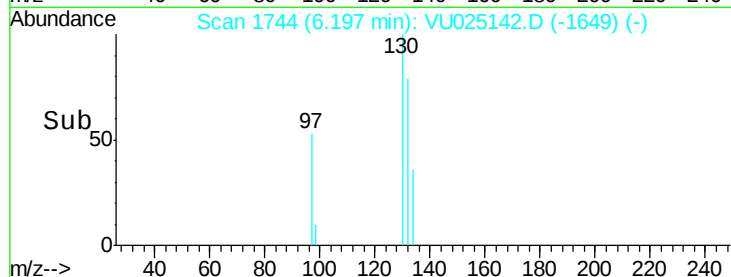
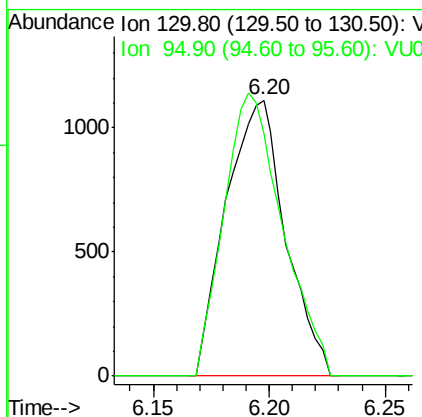
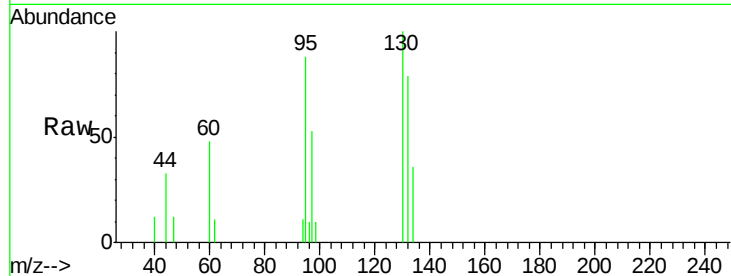
#44
 Trichloroethene
 Concen: 0.67 ug/l
 RT: 6.20 min Scan# 1744
 Delta R.T. 0.01 min
 Lab File: VU025142.D
 Acq: 02 Jul 2018 14:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW124-180626DL

Tot Ion:130 Resp: 1984
 Ion Ratio Lower Upper
 130 100
 95 88.0 0.0 202.4

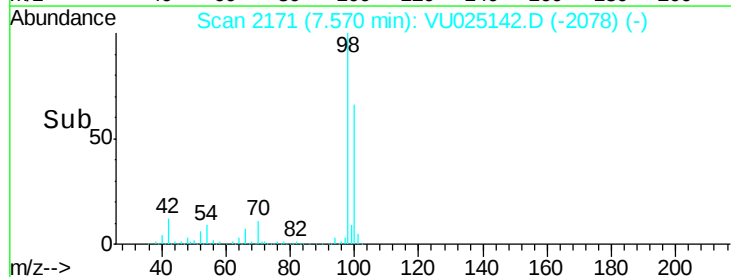
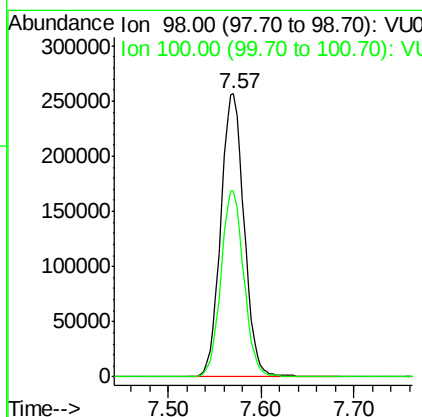
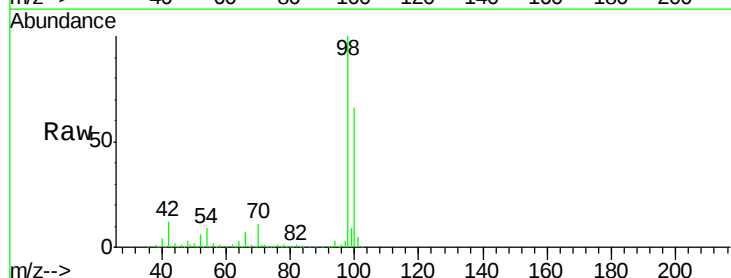
Manual Integrations
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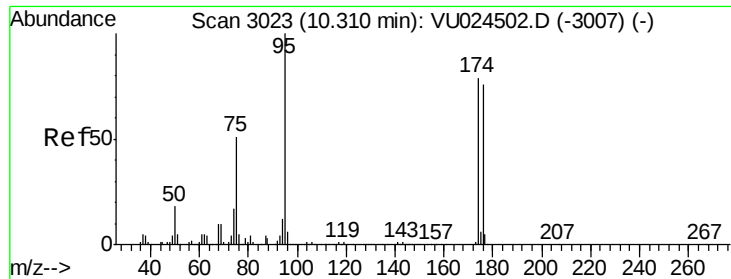
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#50
 Toluene-d8
 Concen: 47.81 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025142.D
 Acq: 02 Jul 2018 14:47

Tgt Ion: 98 Resp: 448652
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.25 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025142.D

Acq: 02 Jul 2018 14:47

Instrument :

MSVOA_U

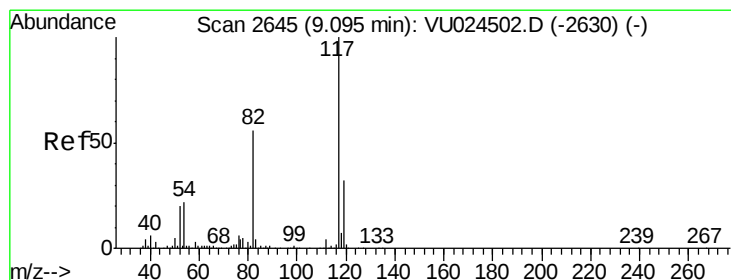
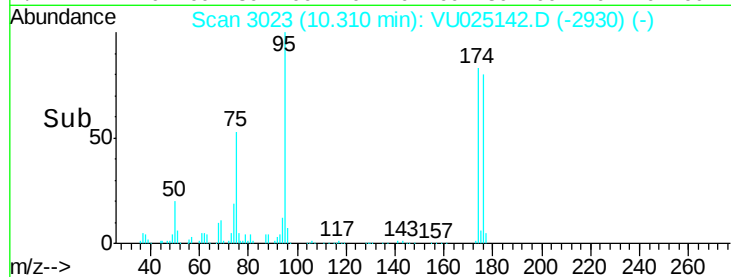
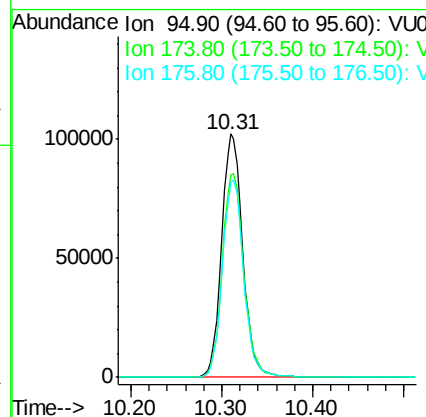
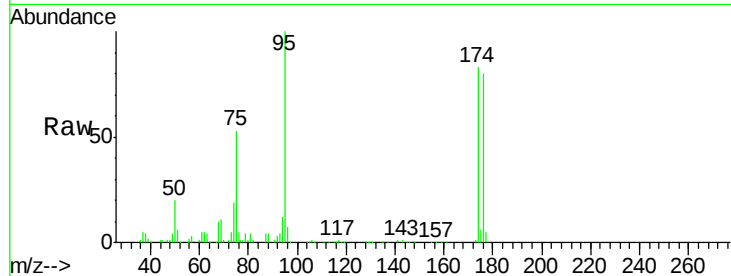
ClientSampleId :

WP021MW124-180626DL

Tot Ion:	95	Resp:	164895
Ion Ratio	Lower	Upper	
95	100		
174	85.7	0.0	165.8
176	81.8	0.0	159.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

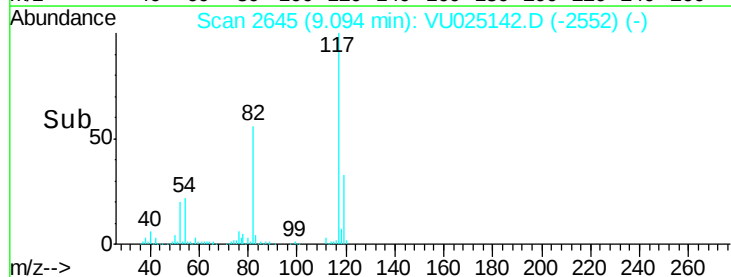
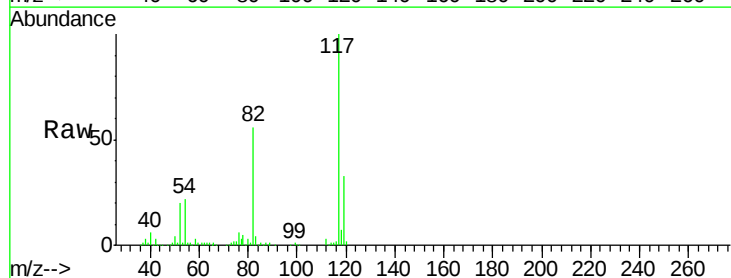
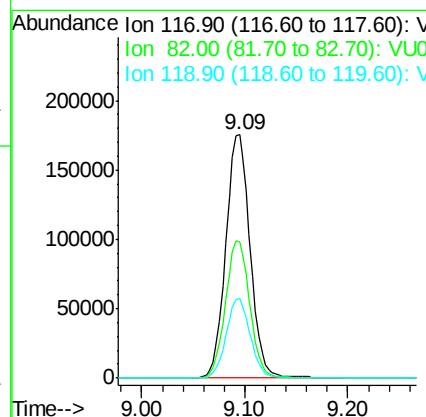
RT: 9.09 min Scan# 2645

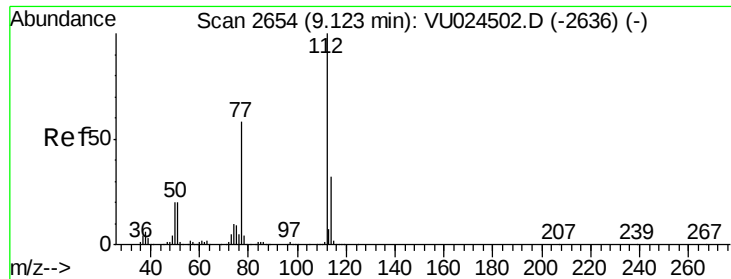
Delta R.T. -0.00 min

Lab File: VU025142.D

Acq: 02 Jul 2018 14:47

Tgt Ion:	117	Resp:	288158
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.3	66.5
119	32.6	25.4	38.2





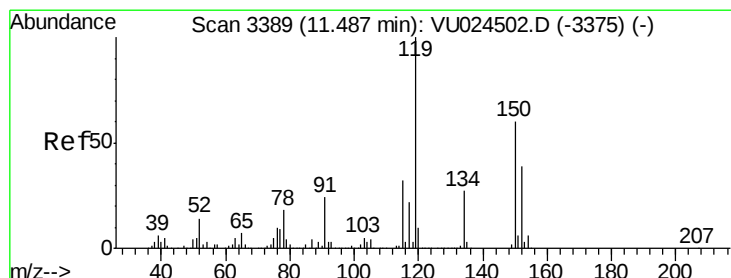
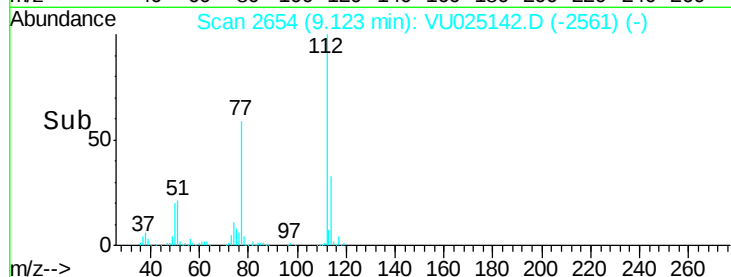
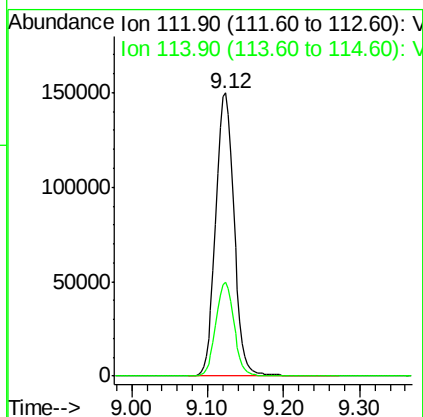
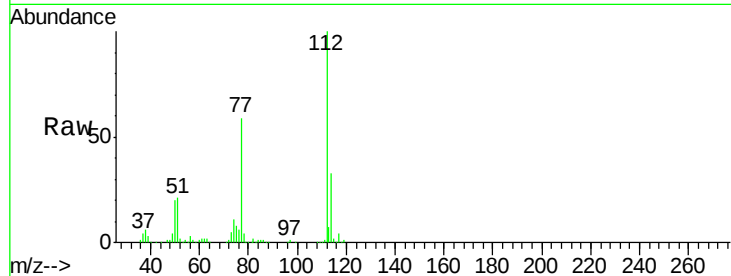
#65
Chlorobenzene
Concen: 34.02 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025142.D
Acq: 02 Jul 2018 14:47

Instrument :
MSVOA_U
ClientSampleId :
WP021MW124-180626DL

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.6	38.4

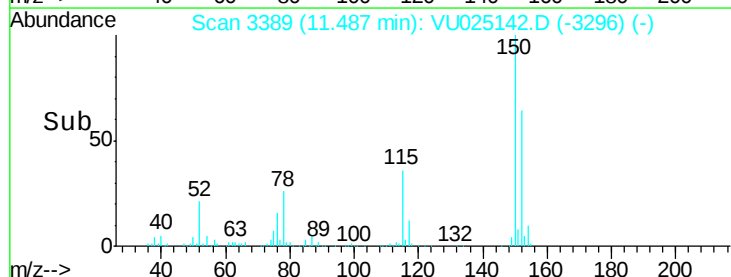
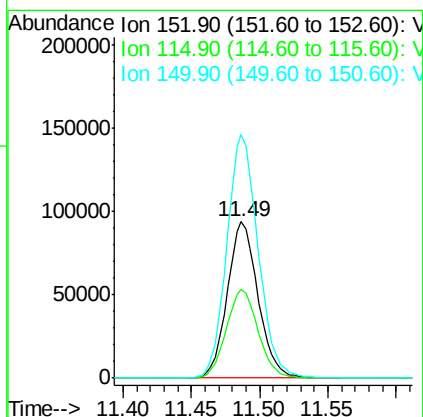
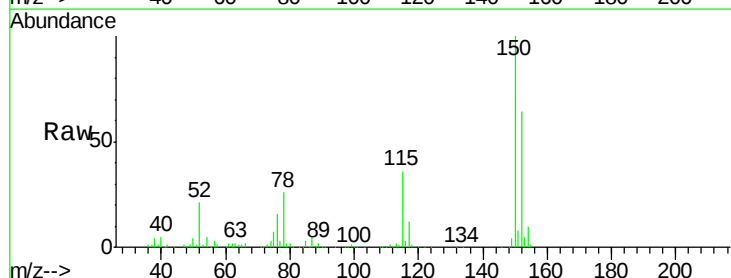
Manual Integrations
APPROVED

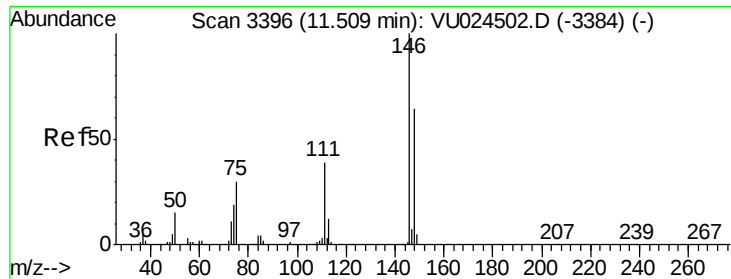
sam
7/3/2018 3:52:41 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025142.D
Acq: 02 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	43.0	129.0
150	158.0	0.0	354.0





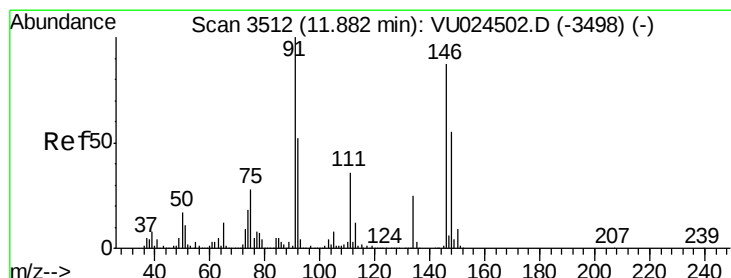
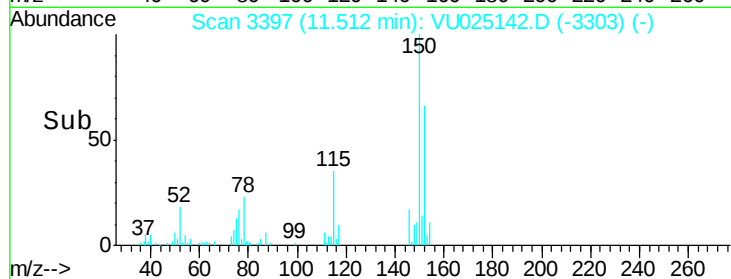
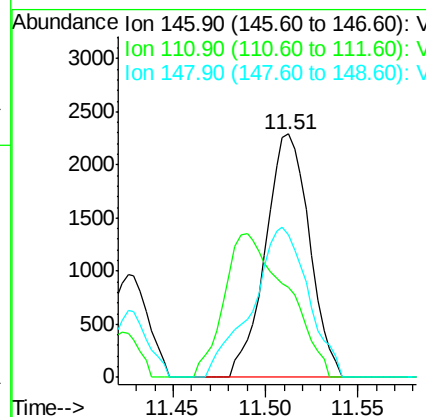
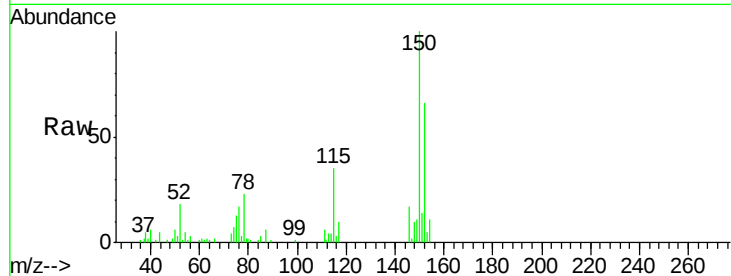
#88
 1,4-Dichlorobenzene
 Concen: 0.71 ug/l m
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025142.D
 Acq: 02 Jul 2018 14:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW124-180626DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	13.3	19.5	58.5#
148	21.9	32.4	97.0#

Manual Integrations
 APPROVED

sam
 7/3/2018 3:52:41 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.88 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025142.D
 Acq: 02 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	61.6	31.9	95.7

