

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025243.D
 Acq On : 06 Jul 2018 16:24
 Operator : MD/SY
 Sample : J3808-17DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW454-180628DL

Manual Integrations
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 7/9/2018 12:57:59 PM

Quant Time: Jul 06 18:33:24 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	206955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313624	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160218	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	4.89	113	124036	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	7.57	98	452796	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	170474	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	481741	176.507	ug/l	98
6) Chloroethane	1.70	64	7684	4.070	ug/l	96
12) 1,1-Dichloroethene	2.29	96	2997	1.272	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	7527	2.900	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	1912082	640.807	ug/l	89
40) Benzene	5.40	78	12374	1.178	ug/l	97
44) Trichloroethene	6.19	130	20627	6.902	ug/l	96
65) Chlorobenzene	9.12	112	159803	21.284	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	58713	10.464	ug/l	100

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

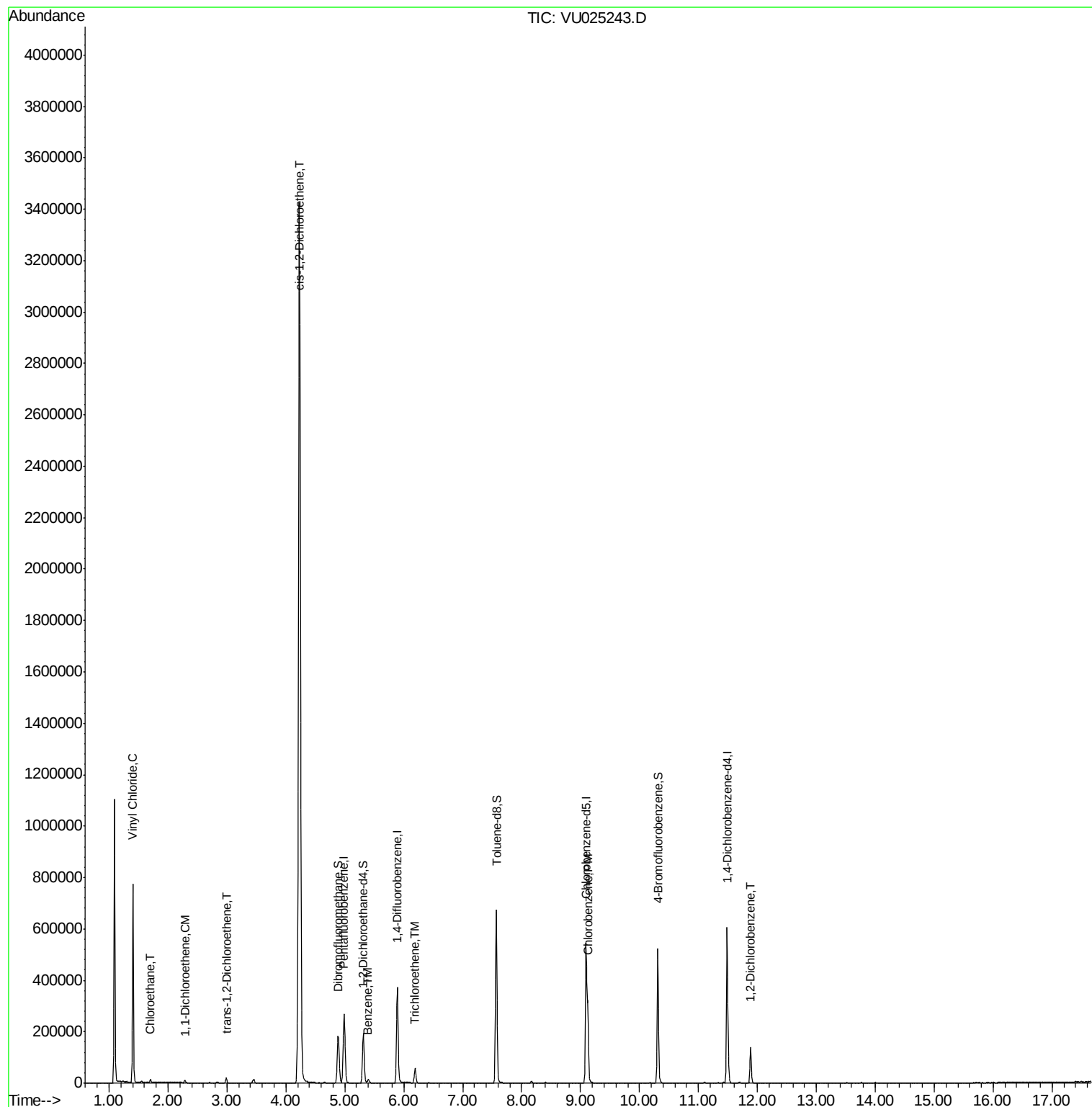
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070718\
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ClientSampleId :
WP021IW454-180628DL

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Quant Time: Jul 06 18:33:24 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: VU025243.D

Acq: 06 Jul 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

WP021IW454-180628DL

Tot Ion:168 Resp: 206955

Ion Ratio Lower Upper

168 100

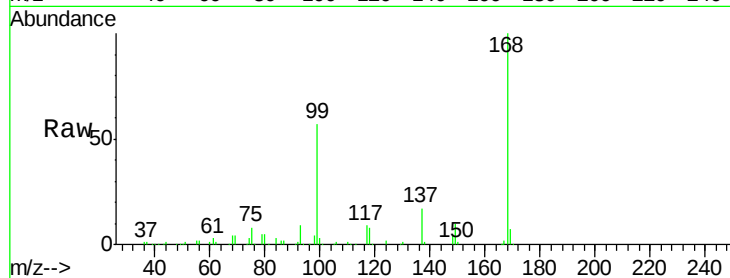
99 56.9 43.2 64.8

Manual Integrations

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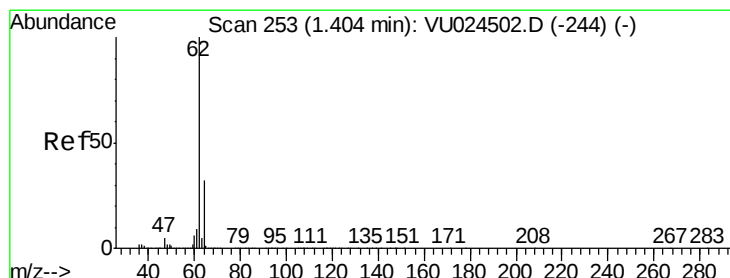
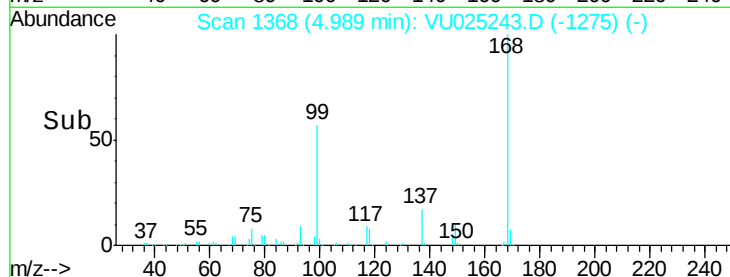
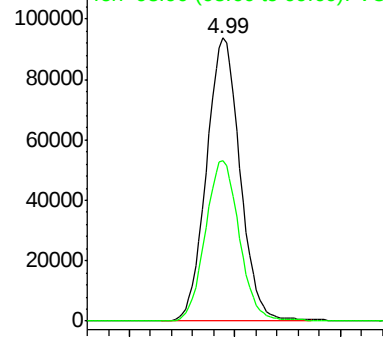
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 176.507 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025243.D

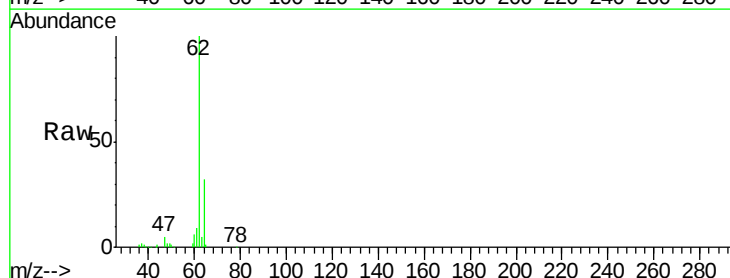
Acq: 06 Jul 2018 16:24

Tgt Ion: 62 Resp: 481741

Ion Ratio Lower Upper

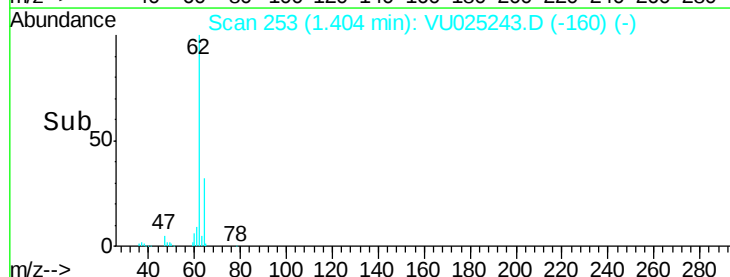
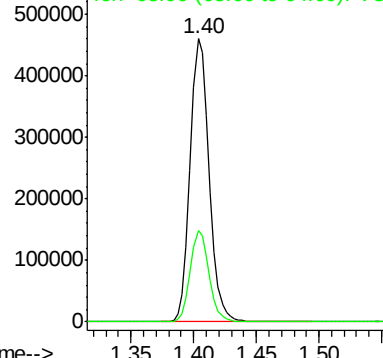
62 100

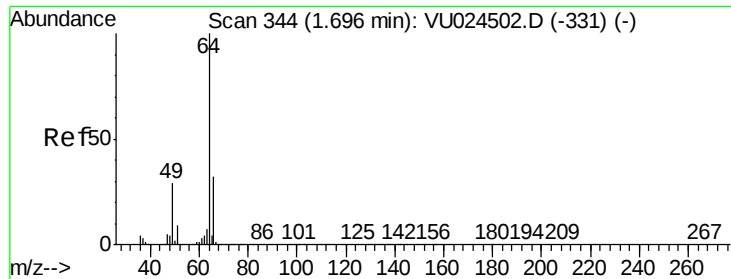
64 32.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#6

Chloroethane

Concen: 4.070 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

WP021IW454-180628DL

Tot Ion: 64 Resp: 7684

Ion Ratio Lower Upper

64 100

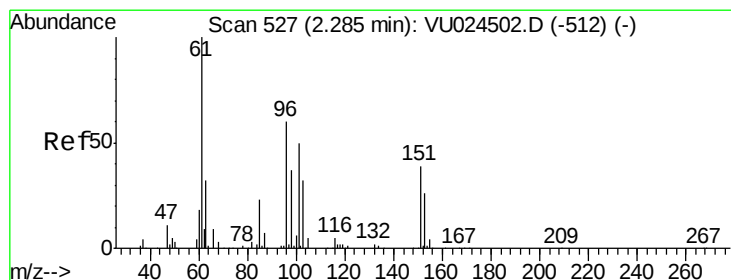
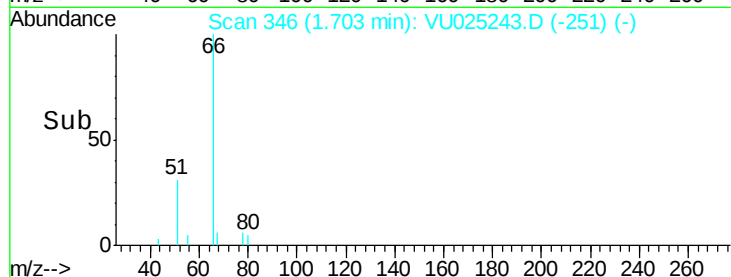
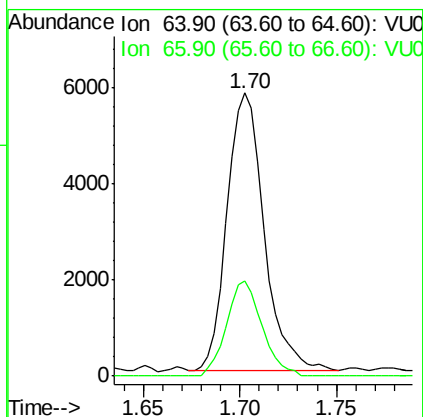
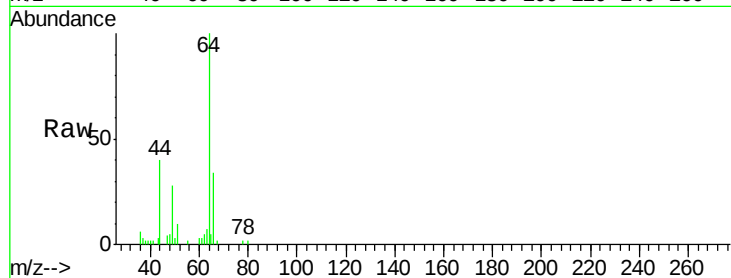
66 34.3 25.5 38.3

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#12

1,1-Dichloroethene

Concen: 1.272 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

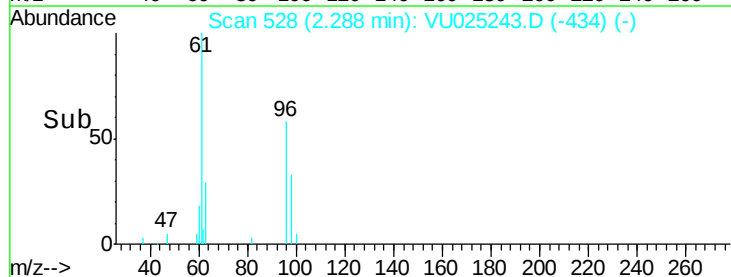
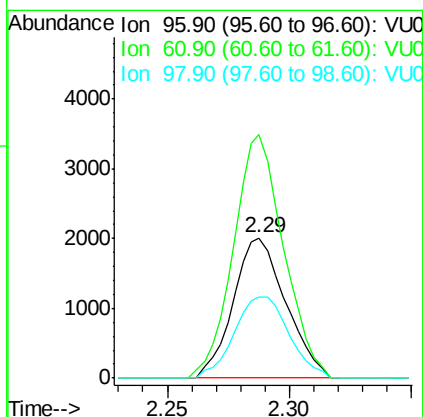
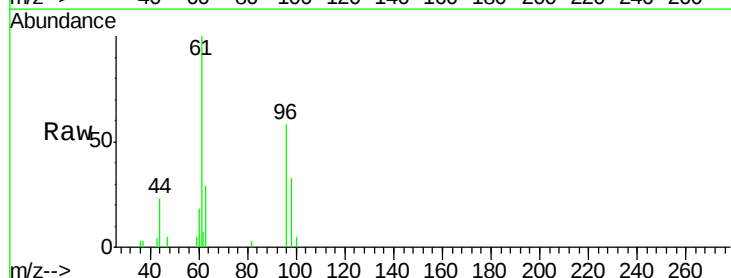
Tgt Ion: 96 Resp: 2997

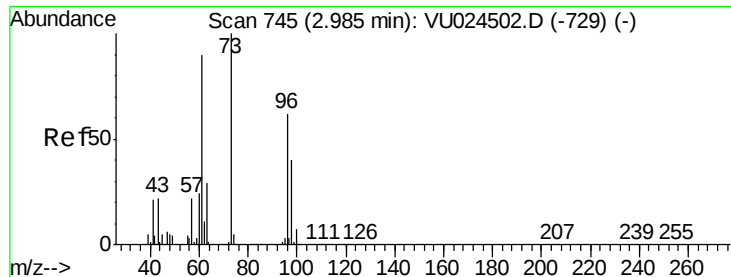
Ion Ratio Lower Upper

96 100

61 173.4 141.7 212.5

98 57.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.900 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Instrument :

MSVOA_U

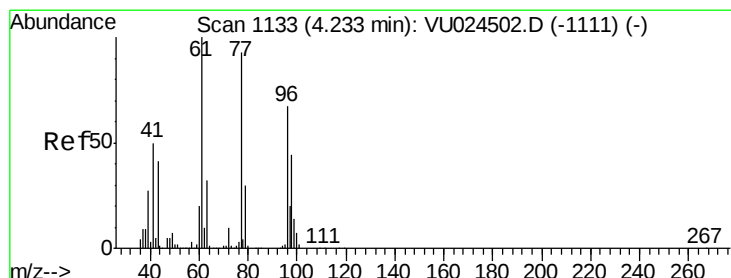
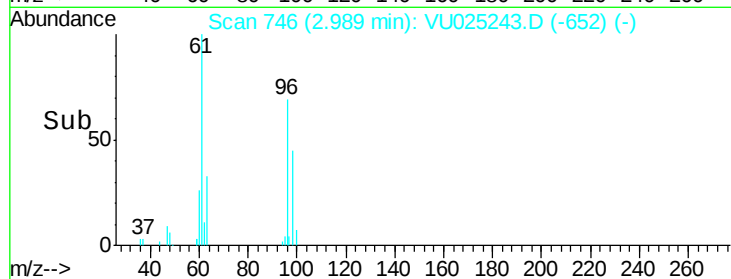
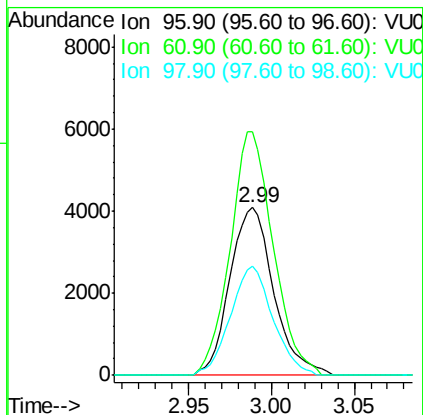
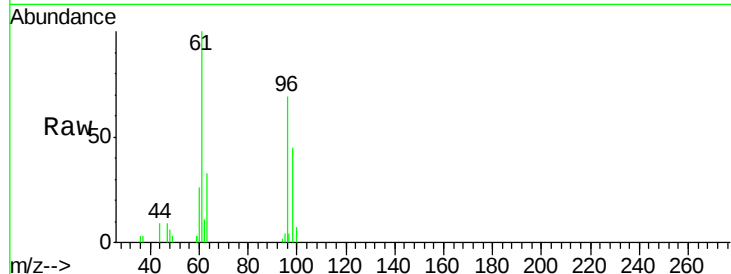
ClientSampleId :

WP021IW454-180628DL

Tot Ion:	96	Resp:	7527
Ion	Ratio	Lower	Upper
96	100		
61	144.8	119.4	179.0
98	64.7	51.1	76.7

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#27

cis-1,2-Dichloroethene

Concen: 640.807 ug/l

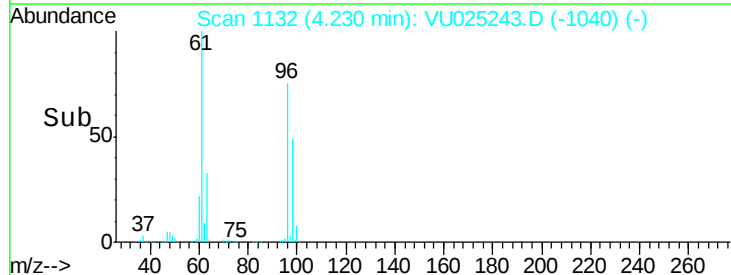
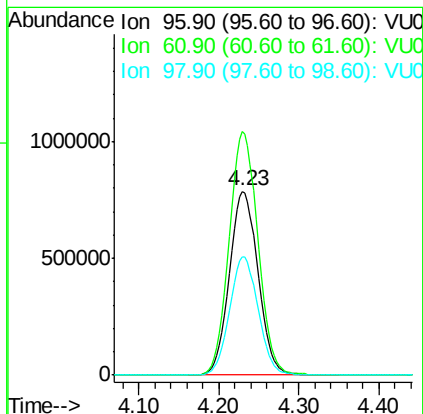
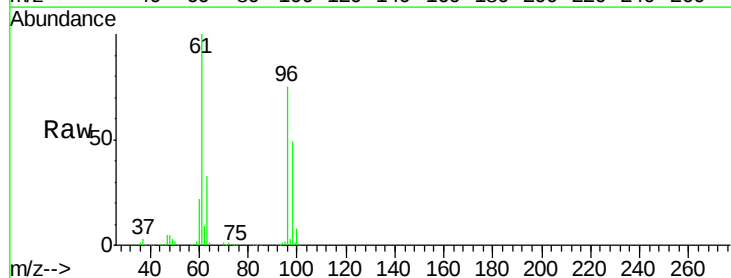
RT: 4.23 min Scan# 1132

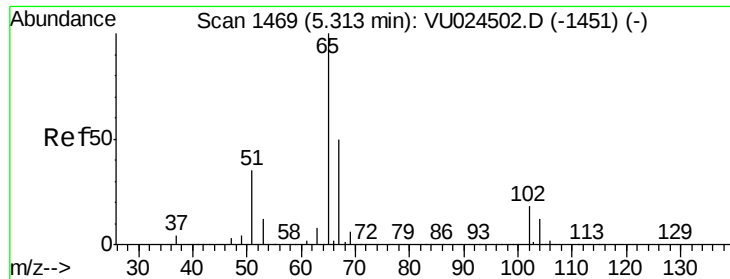
Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Tgt Ion:	96	Resp:	1912082
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	306.6
98	64.3	0.0	128.8





#33

1,2-Dichloroethane-d4

Concen: 47.422 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Tot Ion: 65 Resp: 160218

Ion Ratio Lower Upper

65 100

67 50.1 0.0 107.0

Instrument :

MSVOA_U

ClientSampleId :

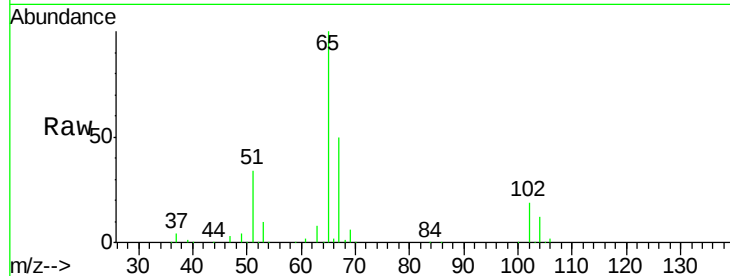
WP021IW454-180628DL

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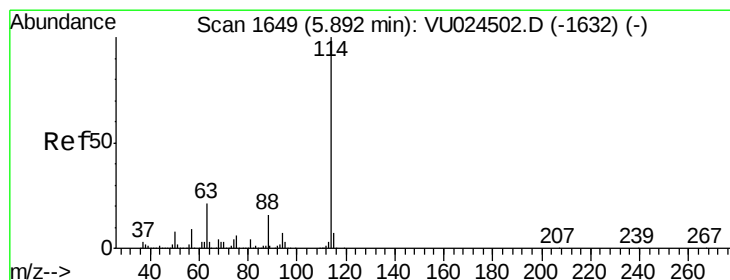
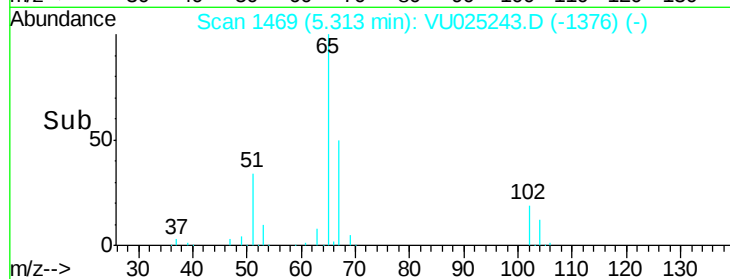
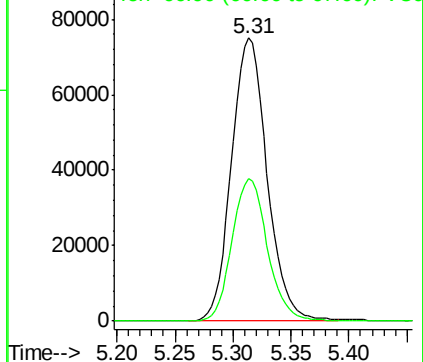
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Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

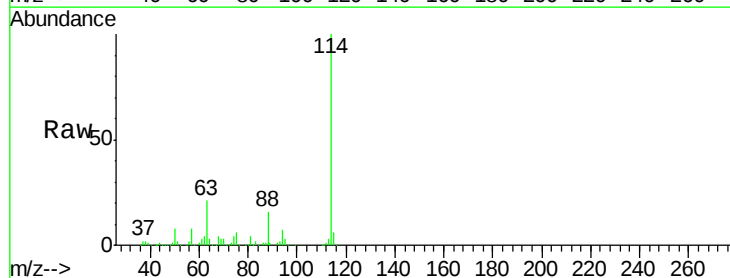
Tgt Ion: 114 Resp: 313624

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

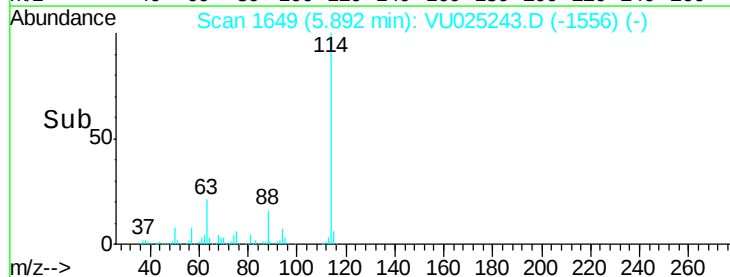
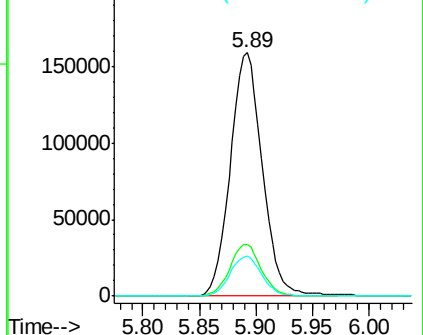
88 16.2 0.0 31.0

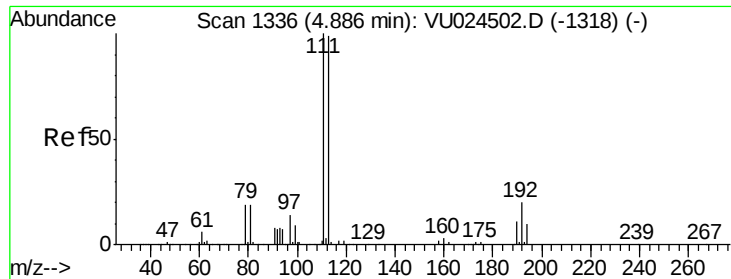


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0





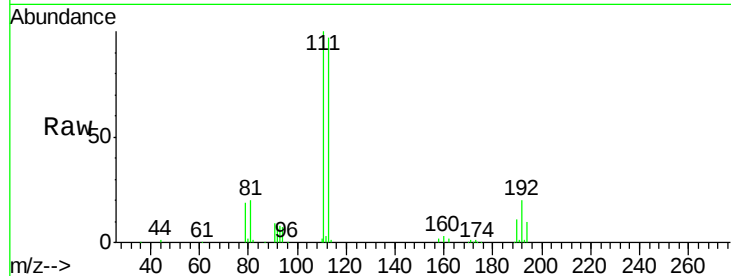
#35
 Dibromofluoromethane
 Concen: 47.654 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025243.D
 Acq: 06 Jul 2018 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW454-180628DL

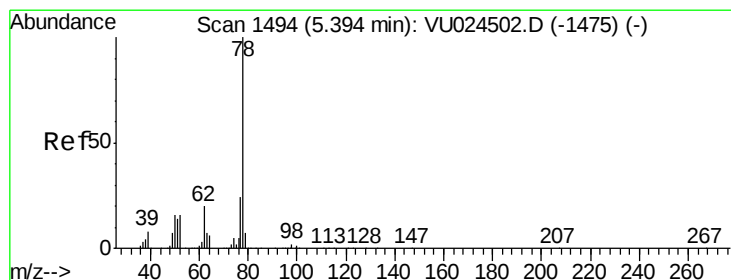
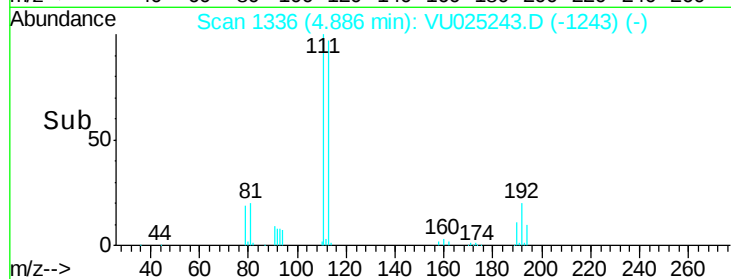
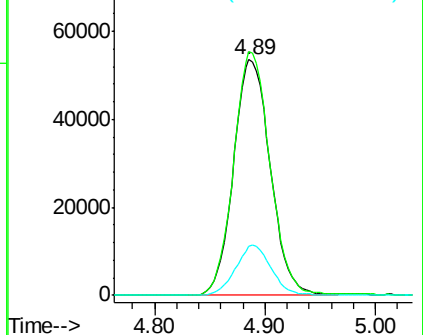
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	20.6	16.2	24.4

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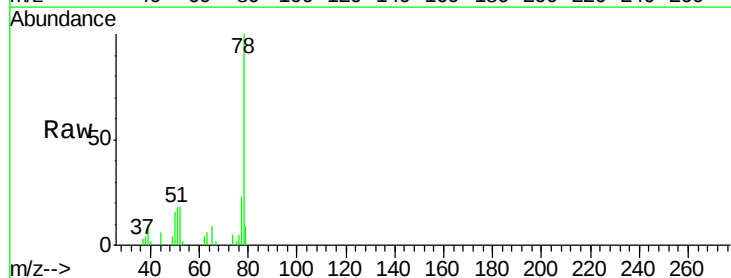


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

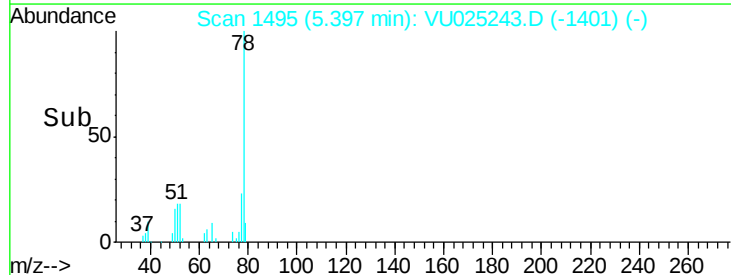
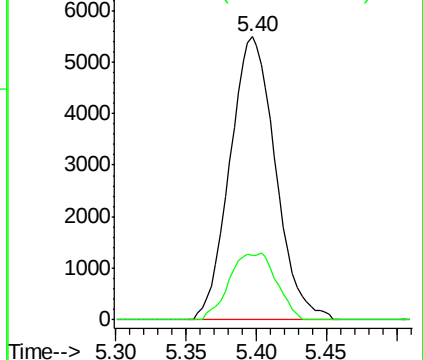


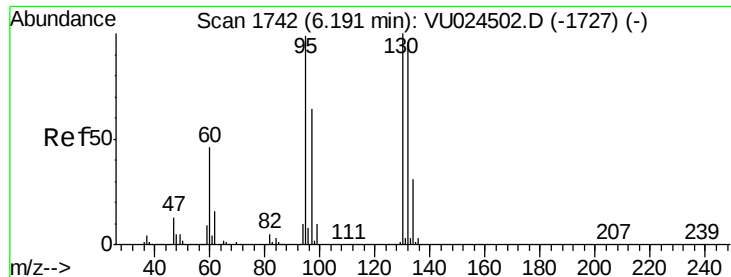
#40
 Benzene
 Concen: 1.178 ug/l
 RT: 5.40 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VU025243.D
 Acq: 06 Jul 2018 16:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8



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





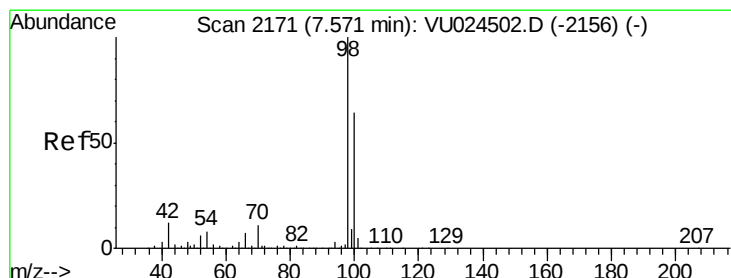
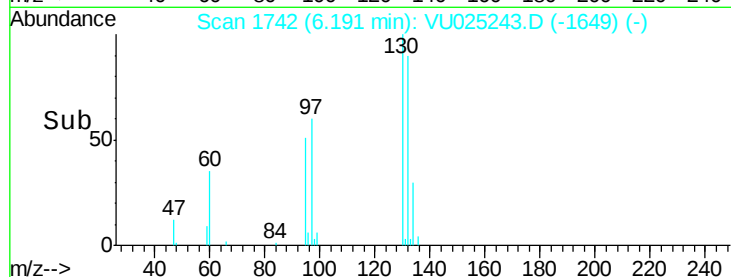
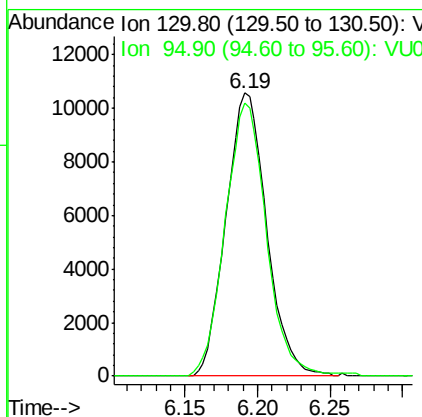
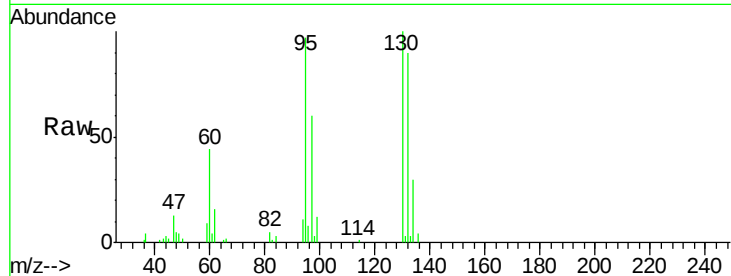
#44
 Trichloroethene
 Concen: 6.902 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025243.D
 Acq: 06 Jul 2018 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW454-180628DL

Tot Ion:130 Resp: 20627
 Ion Ratio Lower Upper
 130 100
 95 96.7 0.0 202.4

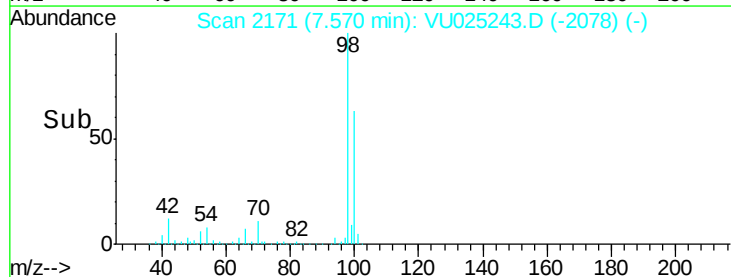
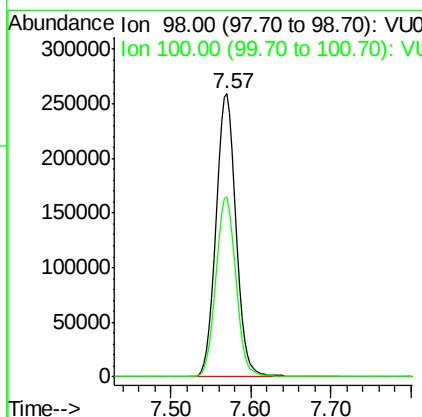
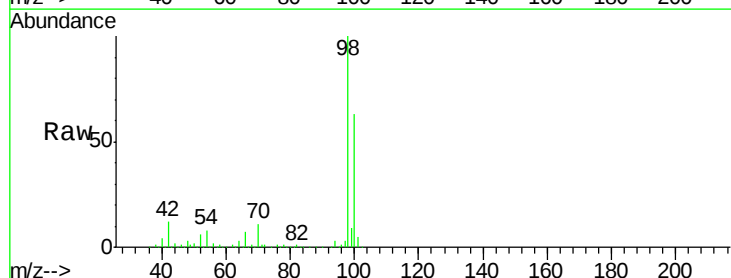
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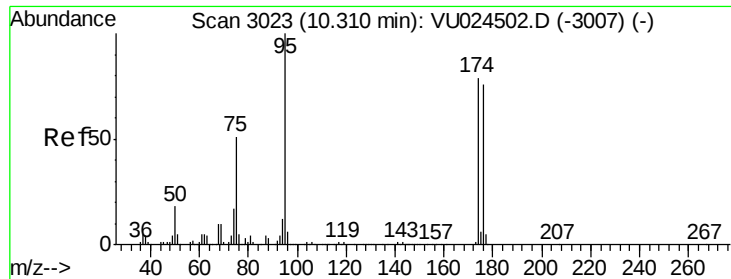
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#50
 Toluene-d8
 Concen: 47.692 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025243.D
 Acq: 06 Jul 2018 16:24

Tgt Ion: 98 Resp: 452796
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.224 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Instrument :

MSVOA_U

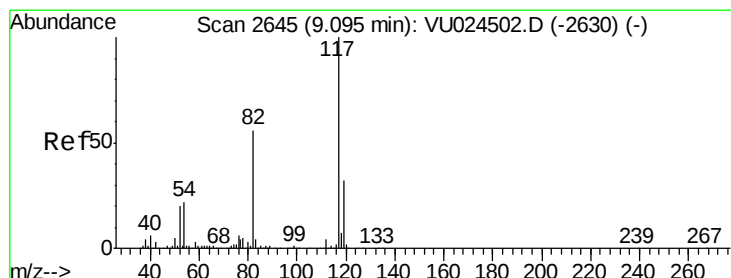
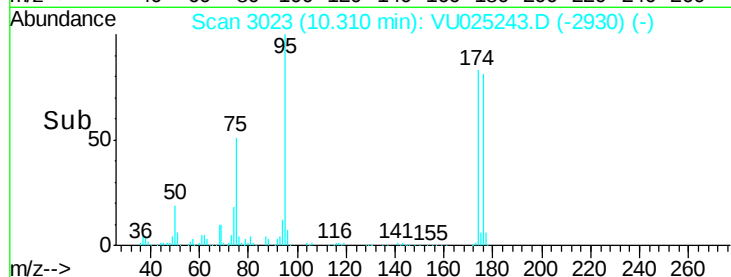
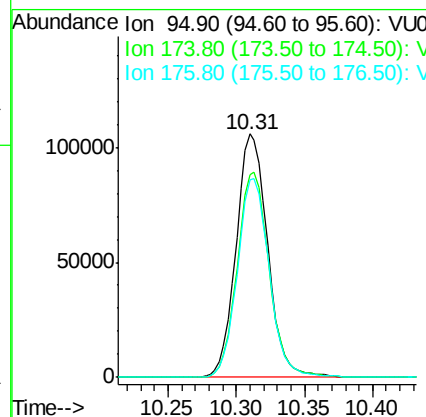
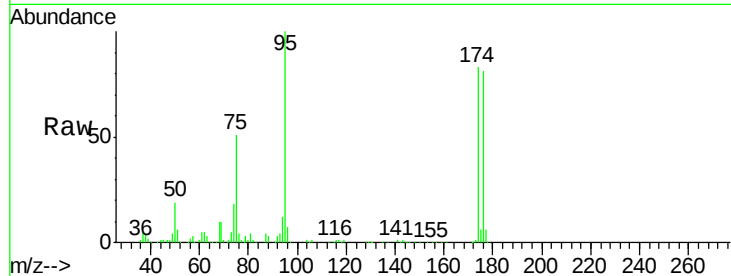
ClientSampleId :

WP021IW454-180628DL

Tot Ion:	95	Resp:	170474
Ion Ratio	Lower	Upper	
95	100		
174	85.0	0.0	165.8
176	82.6	0.0	159.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

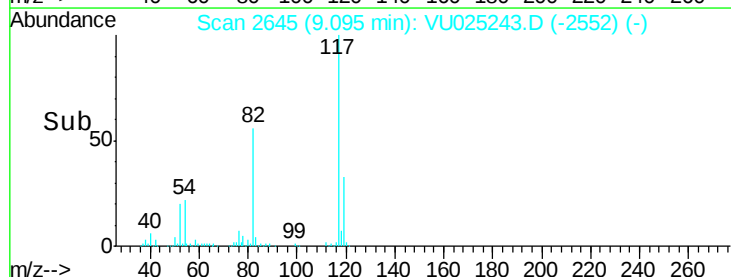
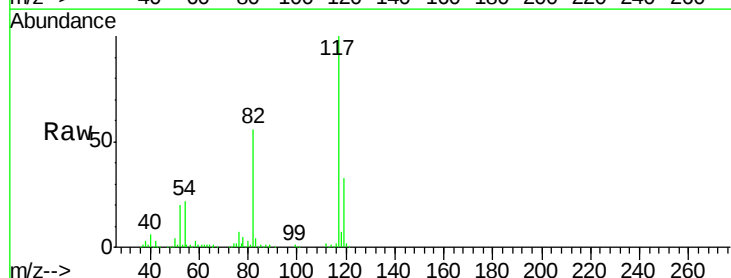
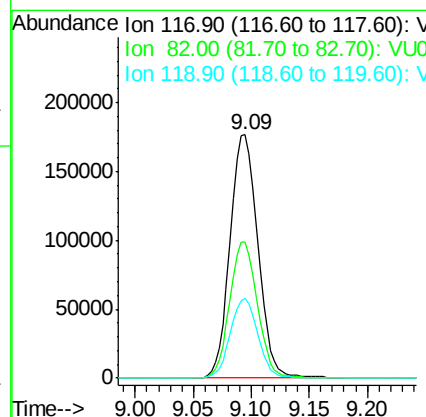
RT: 9.09 min Scan# 2645

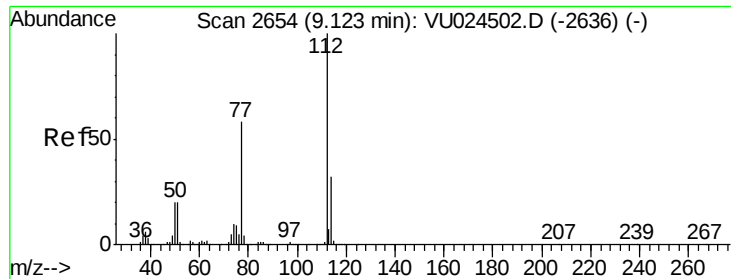
Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Tgt Ion:	117	Resp:	293909
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.3	66.5
119	32.7	25.4	38.2





#65

Chlorobenzene

Concen: 21.284 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

WP021IW454-180628DL

Tot Ion:112 Resp: 159803

Ion Ratio Lower Upper

112 100

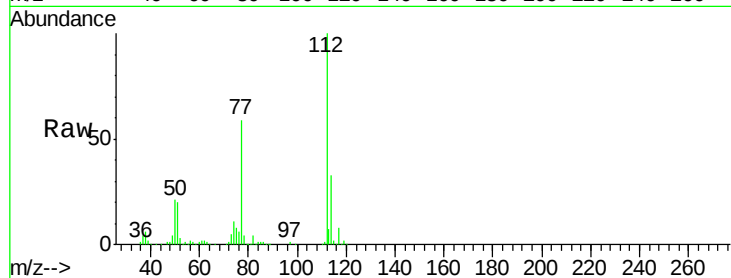
114 32.7 25.6 38.4

Manual Integrations

APPROVED

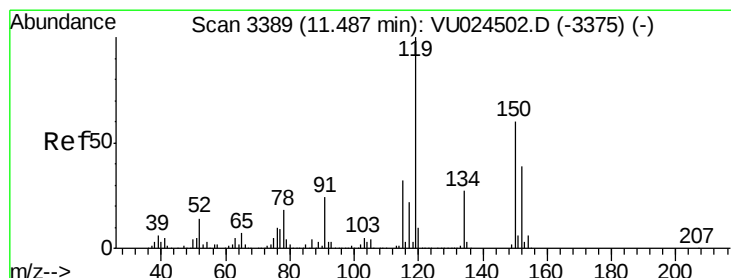
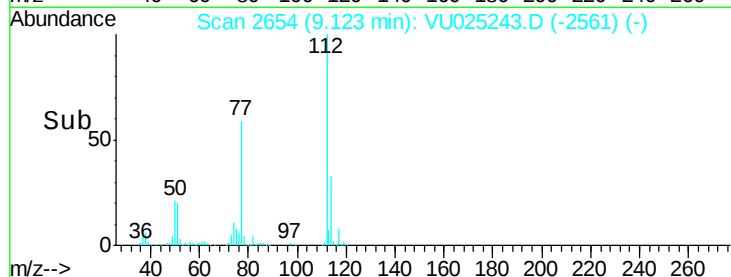
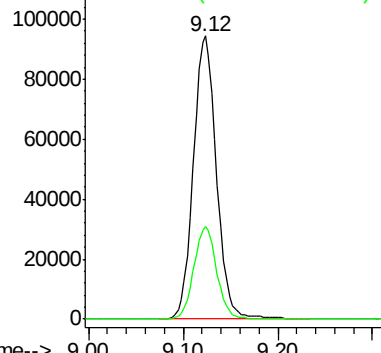
MMDadoda

7/9/2018 12:57:59 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025243.D

Acq: 06 Jul 2018 16:24

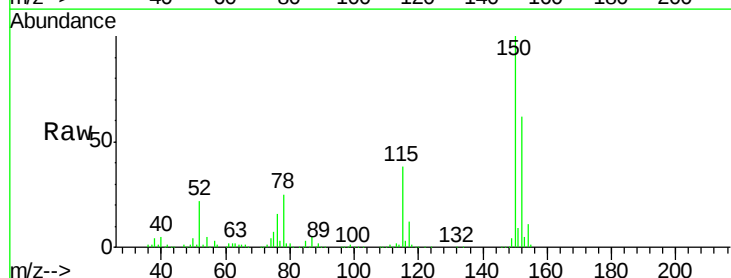
Tgt Ion:152 Resp: 155999

Ion Ratio Lower Upper

152 100

115 59.2 43.0 129.0

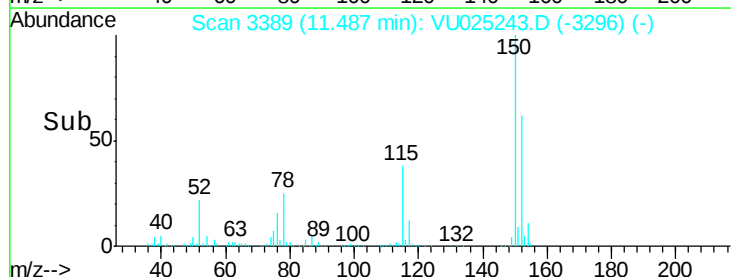
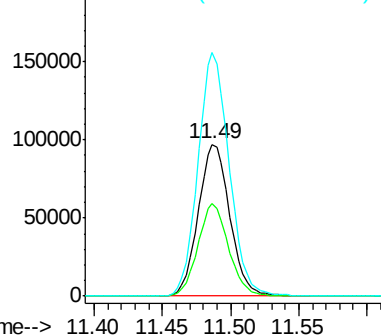
150 158.4 0.0 354.0

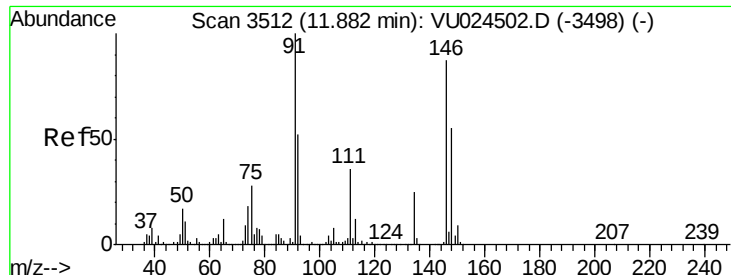


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 10.464 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025243.D

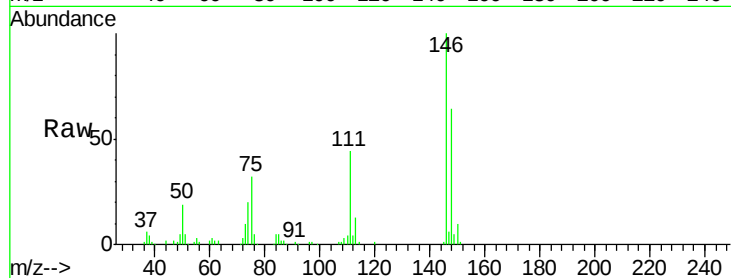
Acq: 06 Jul 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

WP021IW454-180628DL



Tot Ion:	146	Resp:	58713
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.5	61.6
148	63.8	31.9	95.7

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:57:59 PM

