

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026653.D
 Acq On : 10 Sep 2018 16:10
 Operator : MD/SY
 Sample : J4837-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08H7

Quant Time: Sep 11 06:48:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 05:07:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	184351	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	171898	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66637	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.00%
7) Chloroethane-d5	1.68	69	54605	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.66%
11) 1,1-Dichloroethene-d2	2.27	63	87440	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
21) 2-Butanone-d5	4.18	46	90918	106.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.35%
24) Chloroform-d	4.65	84	110170	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
26) 1,2-Dichloroethane-d4	5.31	65	74375	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.34	84	225452	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.33	67	77351	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.62%
41) Toluene-d8	7.57	98	201540	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%
43) trans-1,3-Dichloropropene-	7.85	79	33061	47.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.26%
47) 2-Hexanone-d5	8.31	63	65023	106.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101456	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	77648	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

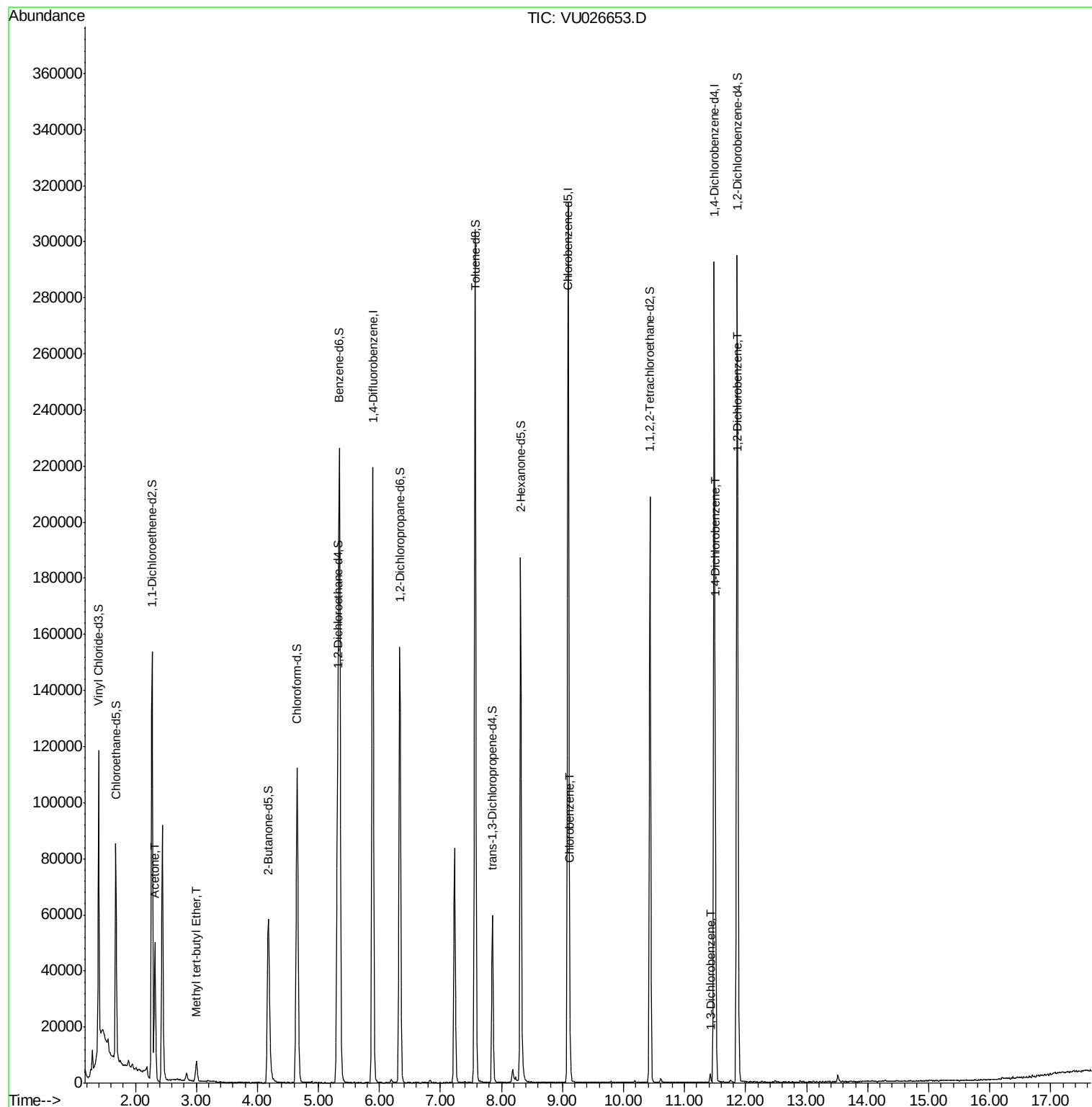
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	49883	51.23	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	7217	2.03	ug/L	99
51) Chlorobenzene	9.12	112	7160	2.19	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1353	0.62	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	18464	7.97	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	11108	4.81	ug/L	97

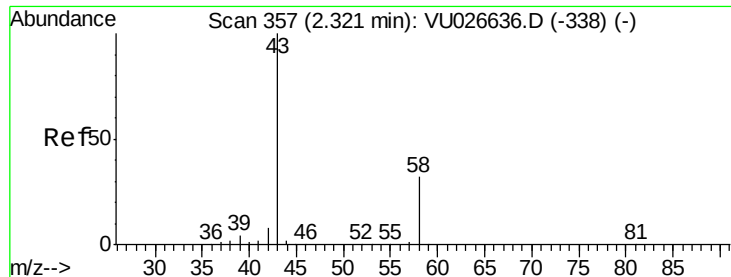
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 51.23 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Acq: 10 Sep 2018 16:10

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MSVOA_U

ClientSampleId :

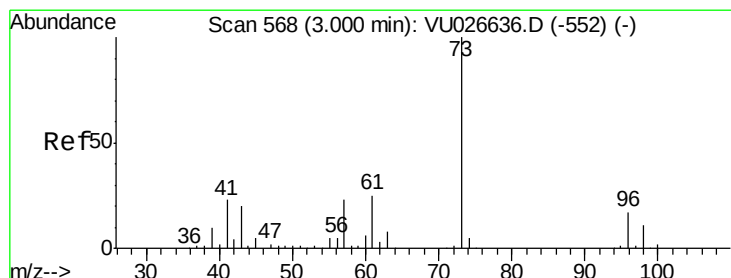
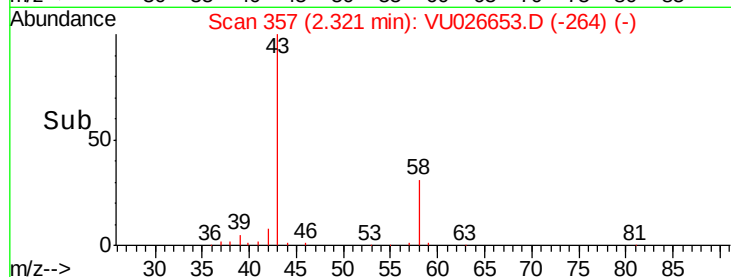
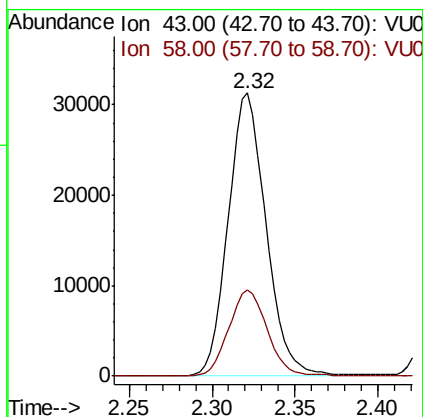
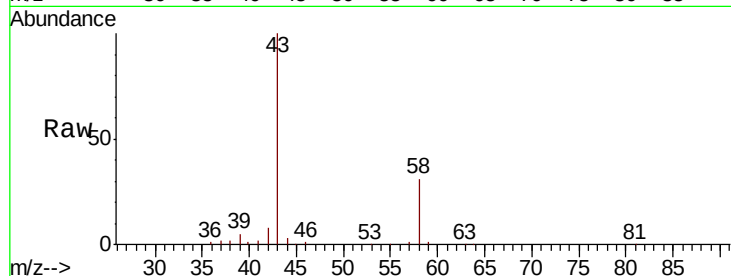
C08H7

Tot Ion: 43 Resp: 49883

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.8



#18

Methyl tert-butyl Ether

Concen: 2.03 ug/L

RT: 3.00 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU026653.D

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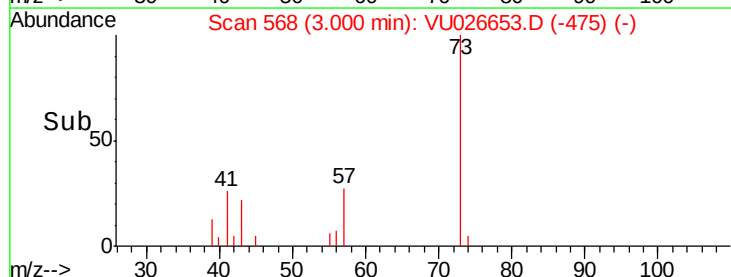
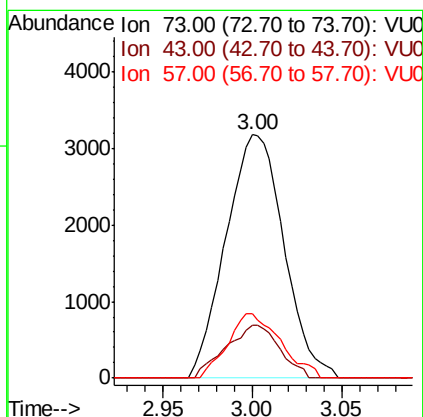
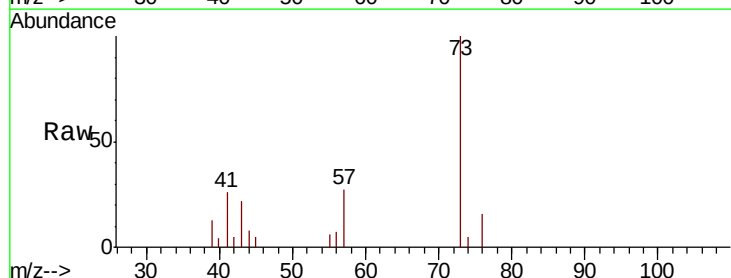
Tgt Ion: 73 Resp: 7217

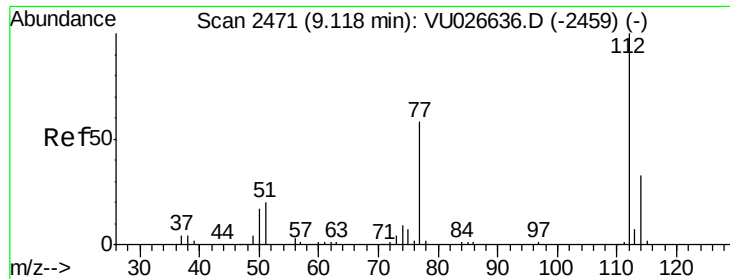
Ion Ratio Lower Upper

73 100

43 20.0 16.0 24.0

57 24.0 18.6 27.8





#51

Chlorobenzene

Concen: 2.19 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

C08H7

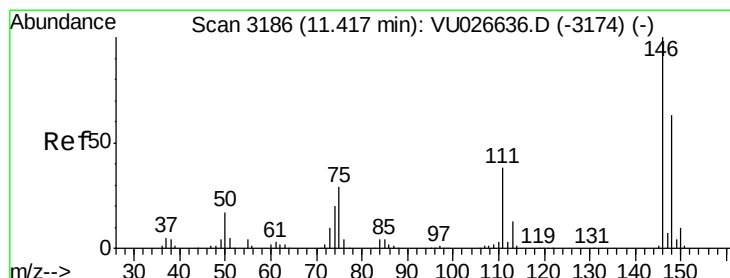
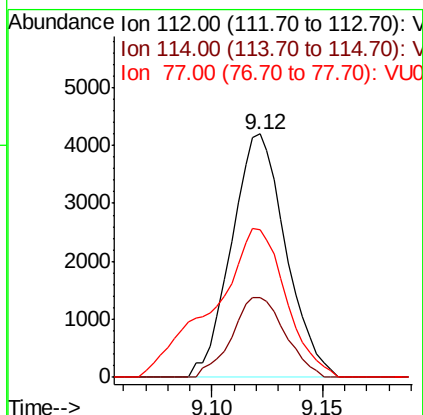
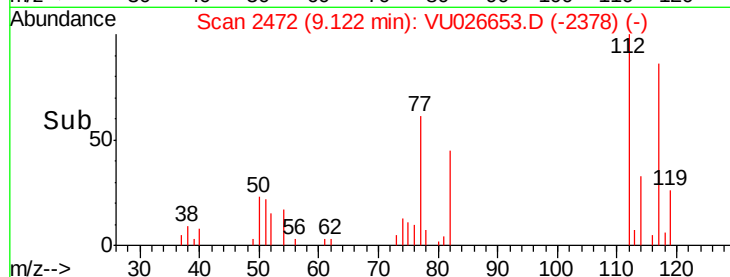
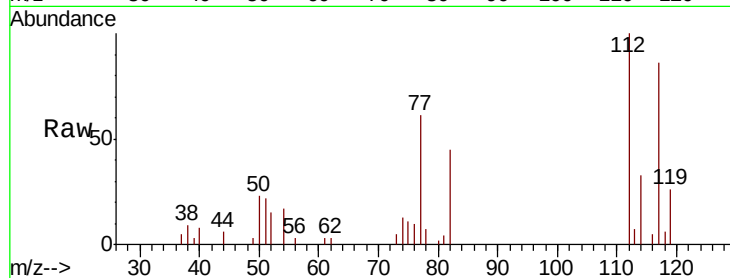
Tot Ion:112 Resp: 7160

Ion Ratio Lower Upper

112 100

114 32.8 22.9 42.5

77 60.6 47.2 70.8



#62

1,3-Dichlorobenzene

Concen: 0.62 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026653.D

Acq: 10 Sep 2018 16:10

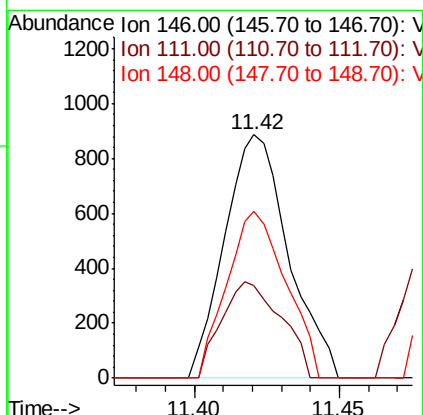
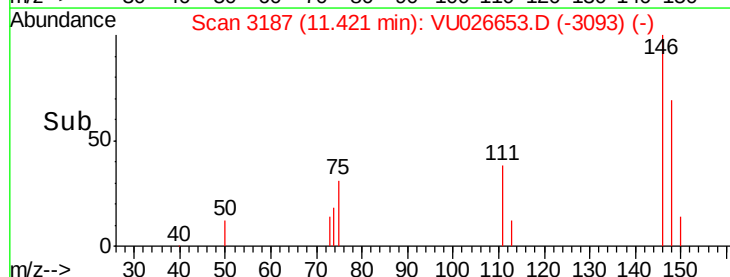
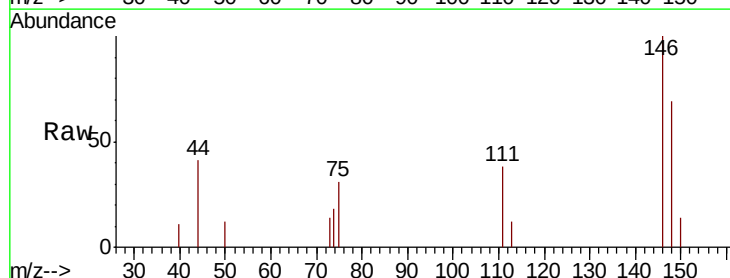
Tgt Ion:146 Resp: 1353

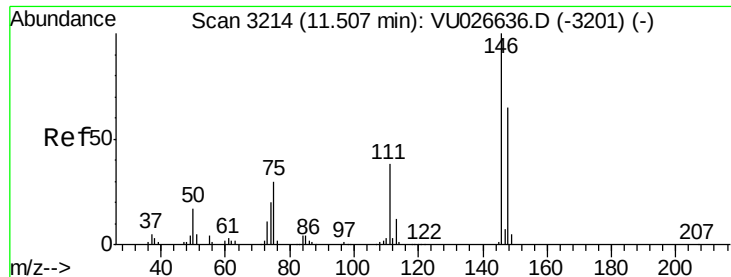
Ion Ratio Lower Upper

146 100

111 37.8 26.7 49.5

148 68.5 44.2 82.2

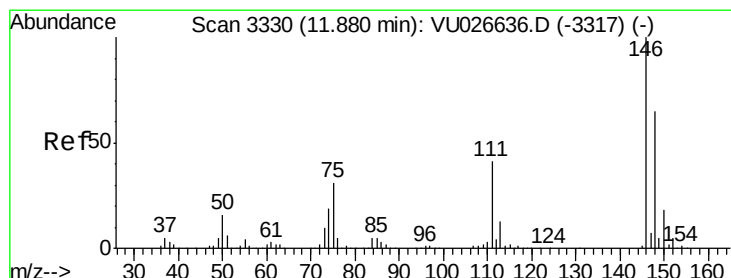
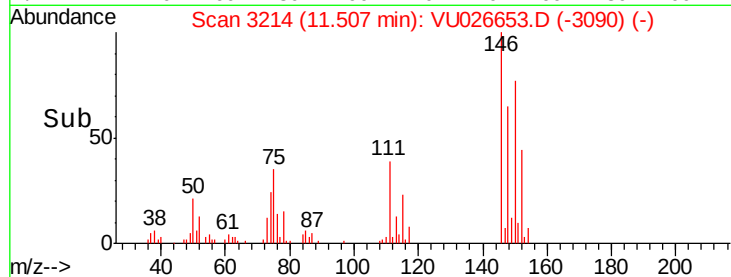
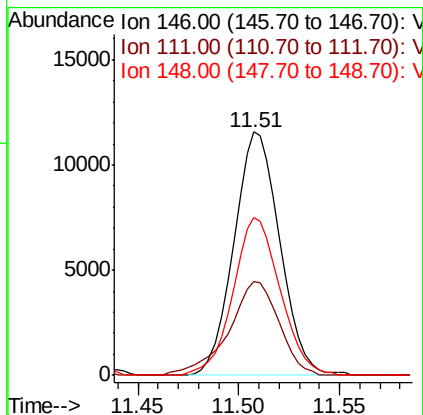
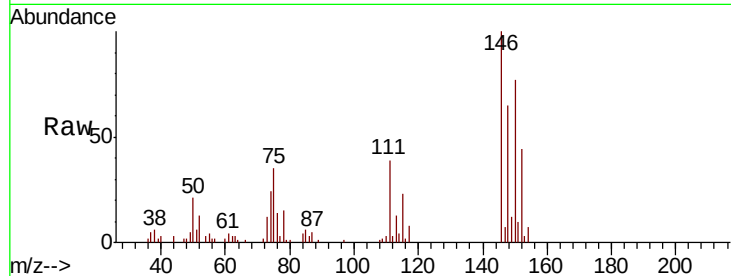




#63
 1,4-Dichlorobenzene
 Concen: 7.97 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026653.D
 Acq: 10 Sep 2018 16:10

Instrument :
 MSVOA_U
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 C08H7

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.5	49.3
148	64.6	45.2	84.0



#65
 1,2-Dichlorobenzene
 Concen: 4.81 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026653.D
 Acq: 10 Sep 2018 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	32.8	49.2
148	65.7	52.2	78.4

