

Data File : VU026764.D
Acq On : 14 Sep 2018 14:26
Operator : MD/SY
Sample : J4893-20DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08K8DL

Quant Time: Sep 15 07:02:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53228	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.94%
7) Chloroethane-d5	1.68	69	44719	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.74%
11) 1,1-Dichloroethene-d2	2.27	63	74397	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.18	46	79182	106.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.31%
24) Chloroform-d	4.65	84	92195	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
26) 1,2-Dichloroethane-d4	5.31	65	62596	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
32) Benzene-d6	5.34	84	185645	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.33	67	64658	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.57	98	161509	44.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.42%
43) trans-1,3-Dichloropropene-	7.85	79	27248	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
47) 2-Hexanone-d5	8.31	63	54088	101.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85986	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	63669	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	729	0.739 ug/L #	18
13) Acetone	2.32	43	632	0.745 ug/L	70
25) Chloroform	4.68	83	2309	1.180 ug/L	96
33) Benzene	5.39	78	41270	9.796 ug/L	100
37) 1,2-Dichloropropane	6.33	63	6563	5.576 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1485	0.853 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1213	0.749 ug/L #	67
48) 2-Hexanone	8.31	43	6370	5.025 ug/L #	69
51) Chlorobenzene	9.12	112	63541	22.161 ug/L	98
59) 1,2,3-Trichloropropane	11.42	75	1751	1.257 ug/L #	42
62) 1,3-Dichlorobenzene	11.42	146	5950	3.206 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	64727	32.919 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	151950	77.462 ug/L	100
67) 1,3,5-Trichlorobenzene	13.51	180	7517	5.106 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	7517	5.874 ug/L	98
70) 1,2,3-Trichlorobenzene	14.00	180	1939	1.399 ug/L #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

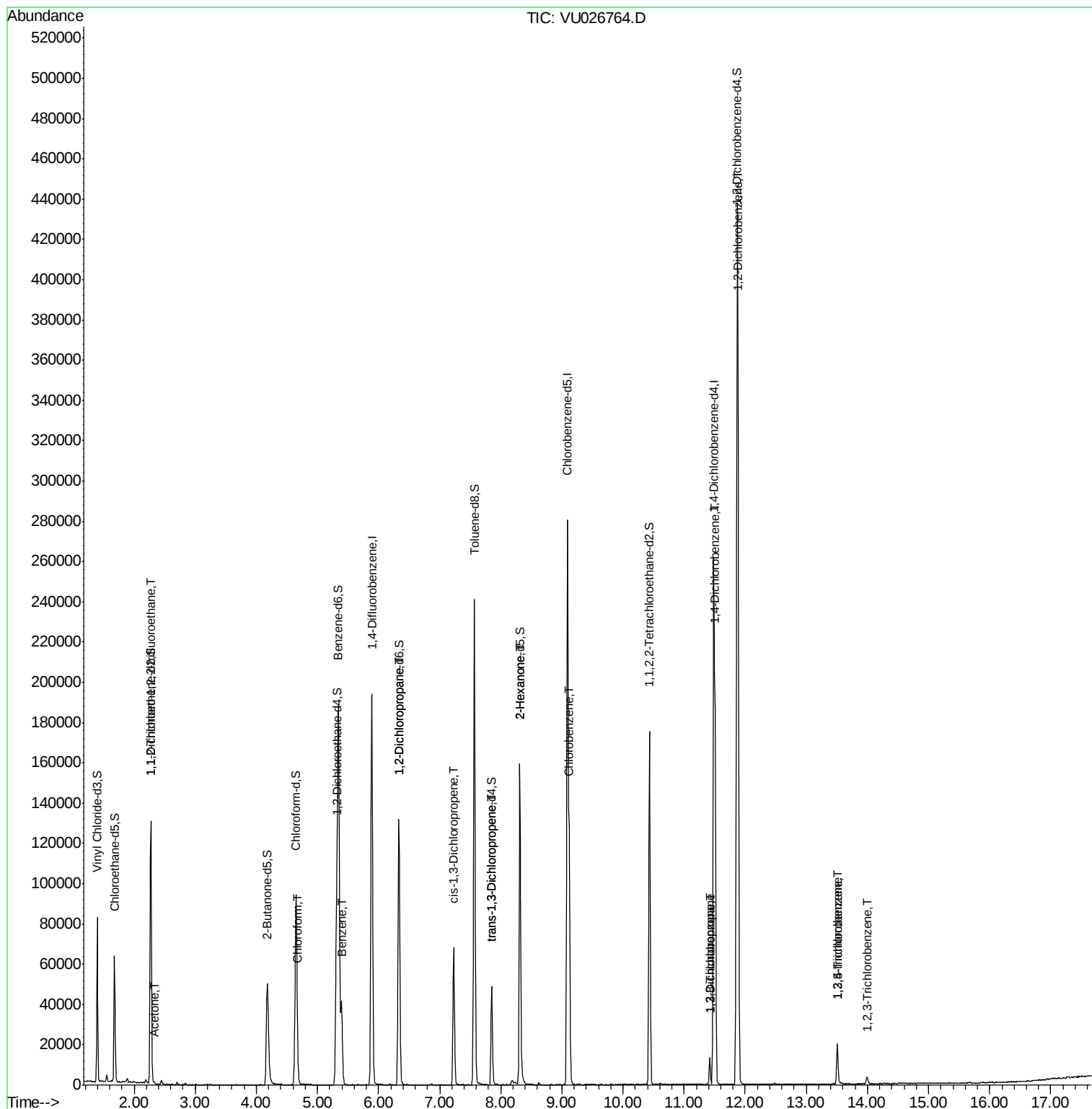
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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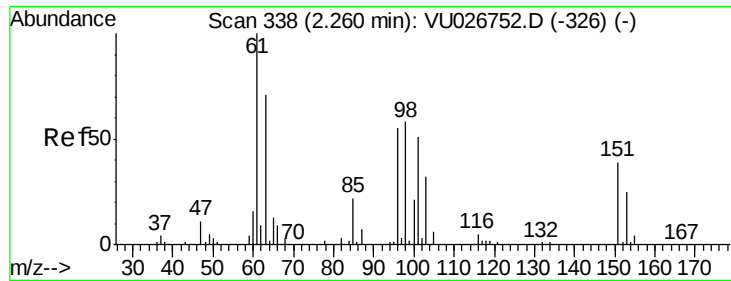
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.739 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

Instrument :

MSVOA_U

ClientSampleId :

C08K8DL

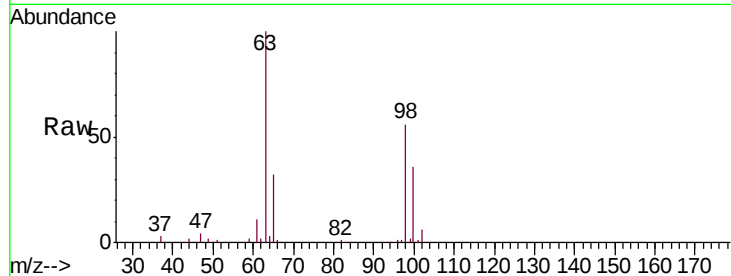
Tgt Ion:101 Resp: 729

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

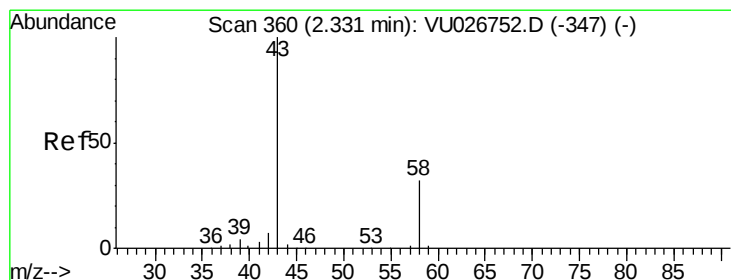
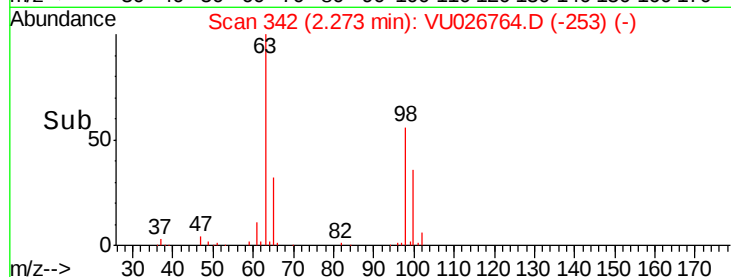
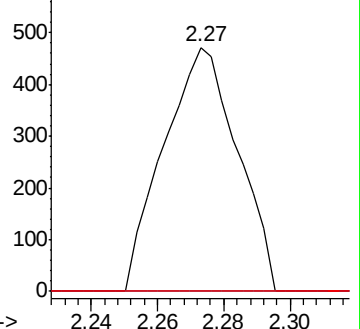
151 0.0 62.6 94.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.745 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026764.D

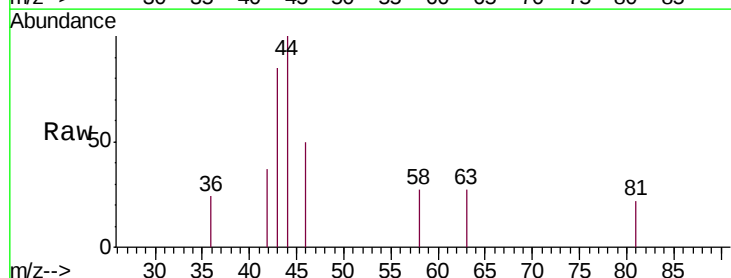
Acq: 14 Sep 2018 14:26

Tgt Ion: 43 Resp: 632

Ion Ratio Lower Upper

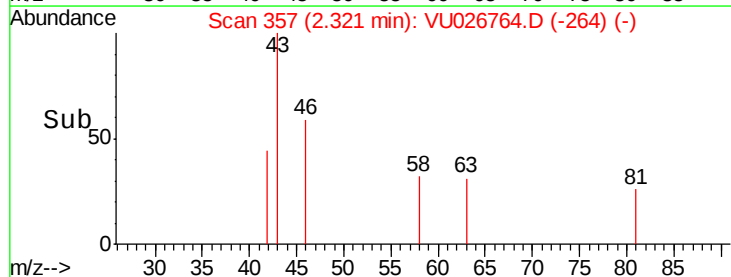
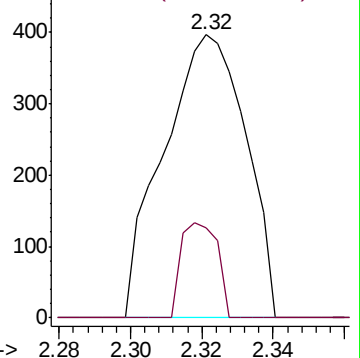
43 100

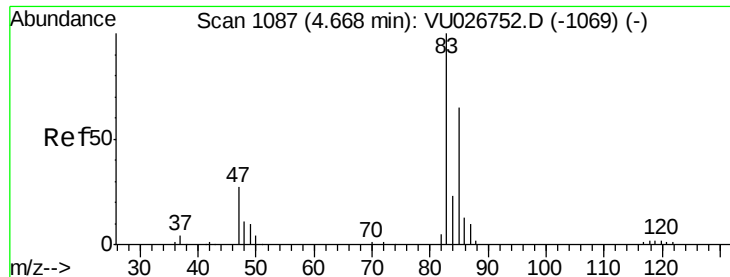
58 14.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

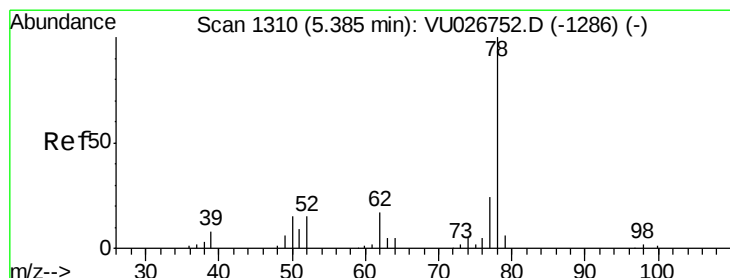
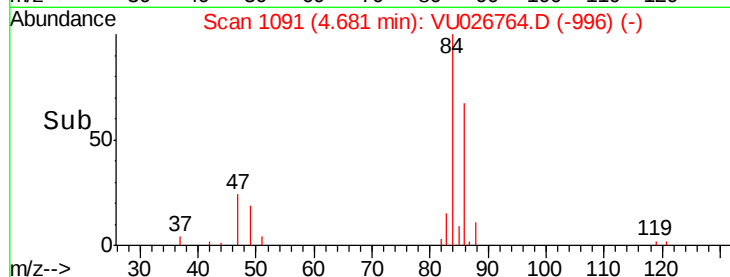
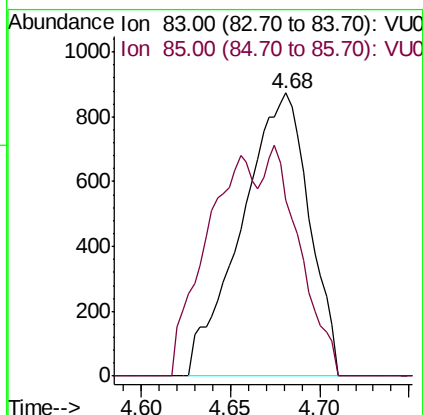
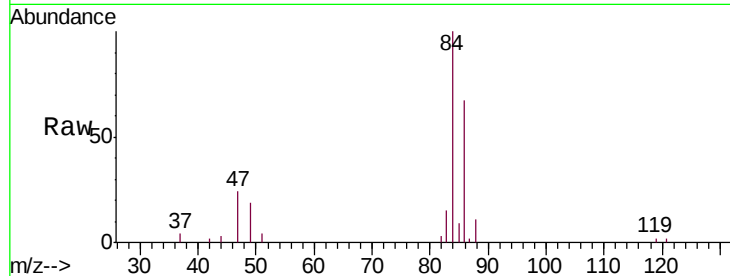




#25
Chloroform
Concen: 1.180 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU026764.D
Acq: 14 Sep 2018 14:26

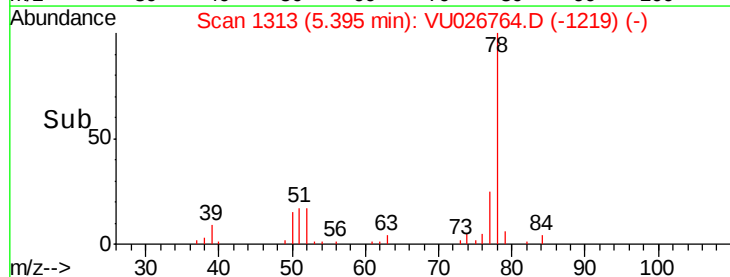
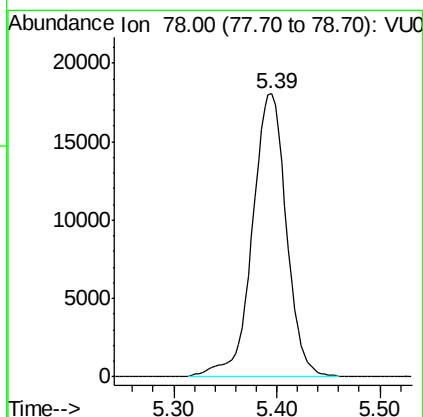
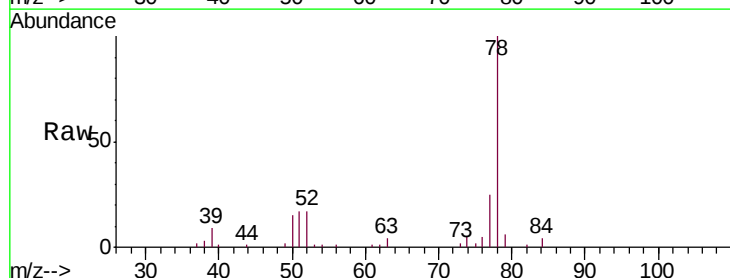
Instrument :
MSVOA_U
ClientSampleId :
C08K8DL

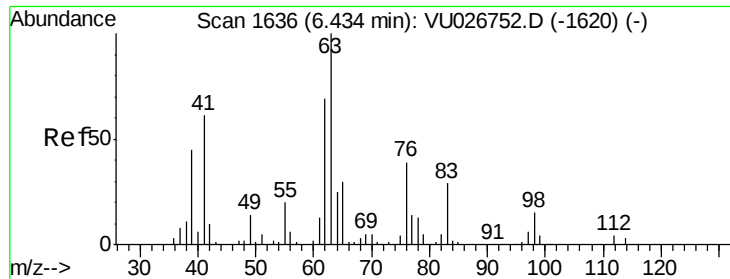
Tgt Ion: 83 Resp: 2309
Ion Ratio Lower Upper
83 100
85 62.1 45.6 84.6



#33
Benzene
Concen: 9.796 ug/L
RT: 5.39 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU026764.D
Acq: 14 Sep 2018 14:26

Tgt Ion: 78 Resp: 41270

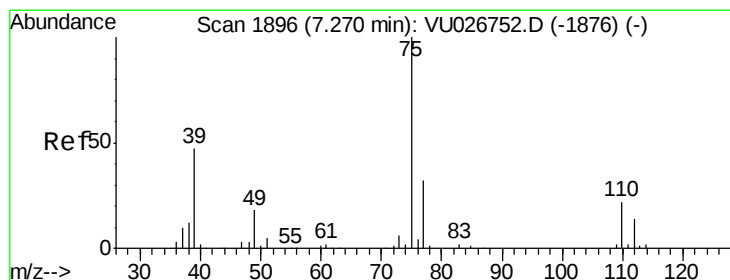
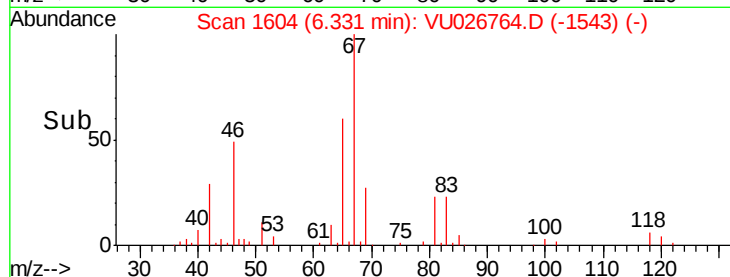
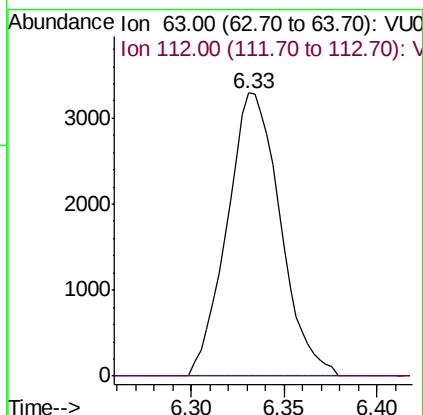
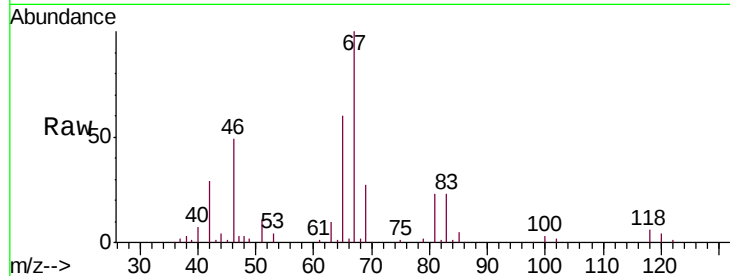




#37
 1,2-Dichloropropane
 Concen: 5.576 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026764.D
 Acq: 14 Sep 2018 14:26

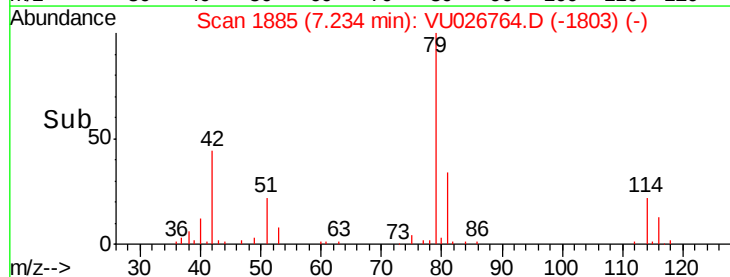
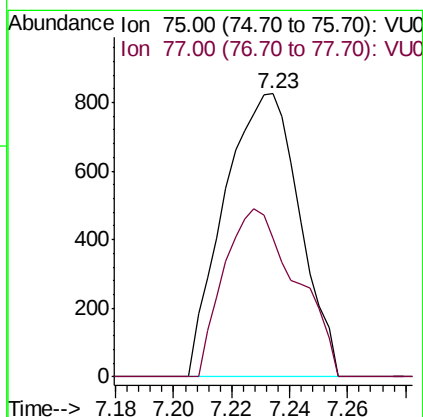
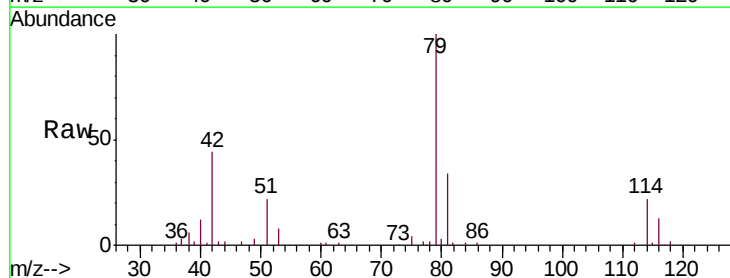
Instrument :
 MSVOA_U
 ClientSampleId :
 C08K8DL

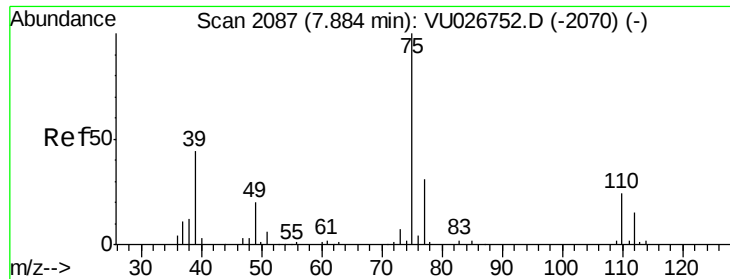
Tgt Ion: 63 Resp: 6563
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.853 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU026764.D
 Acq: 14 Sep 2018 14:26

Tgt Ion: 75 Resp: 1485
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.749 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

Instrument :

MSVOA_U

ClientSampleId :

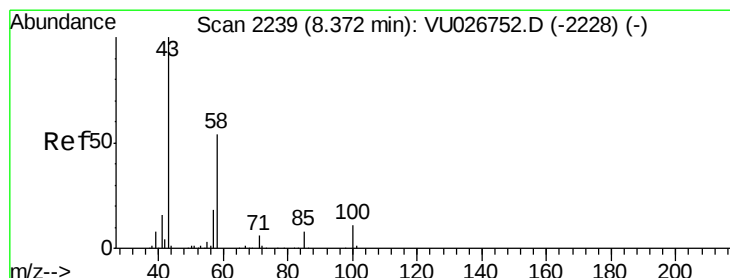
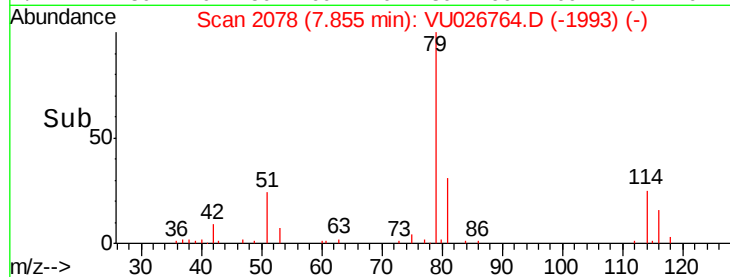
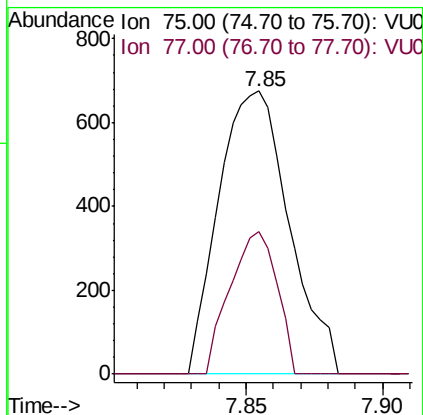
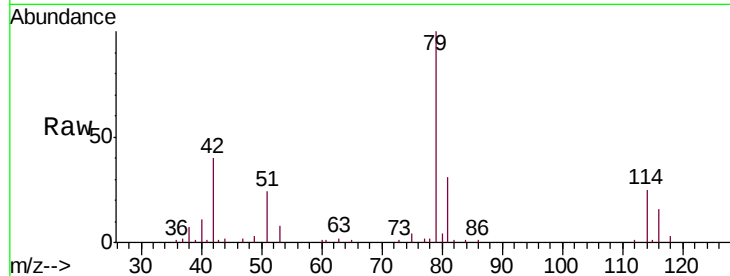
C08K8DL

Tgt Ion: 75 Resp: 1213

Ion Ratio Lower Upper

75 100

77 50.5 22.4 41.6#



#48

2-Hexanone

Concen: 5.025 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

Tgt Ion: 43 Resp: 6370

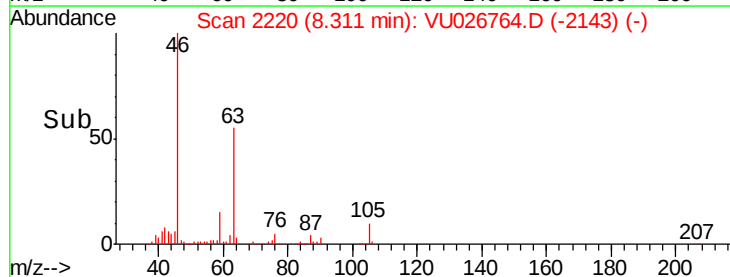
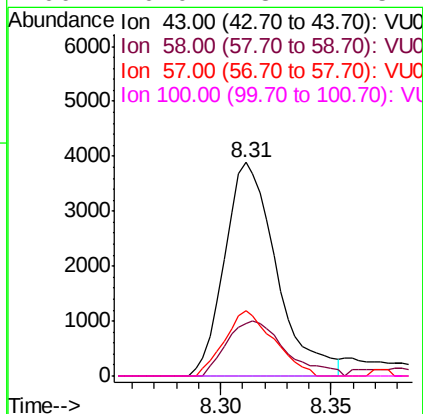
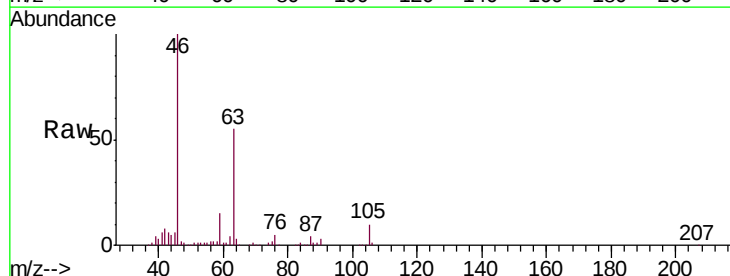
Ion Ratio Lower Upper

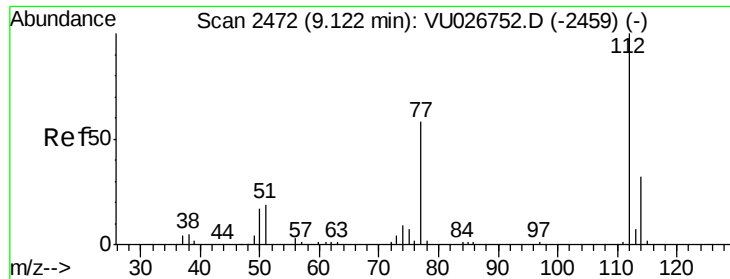
43 100

58 28.9 42.2 63.4#

57 28.8 14.4 21.6#

100 0.0 8.7 13.1#

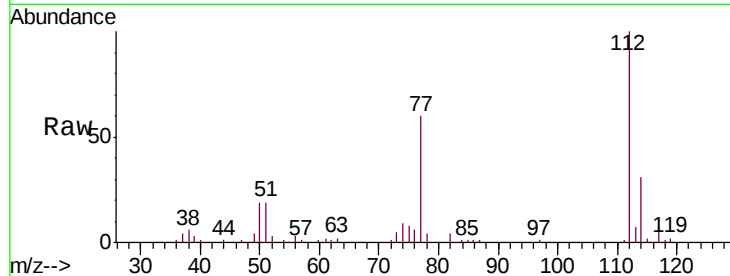




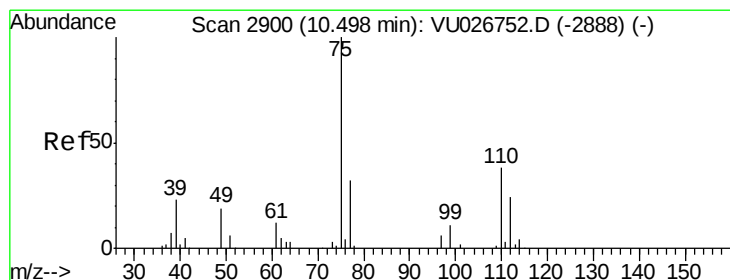
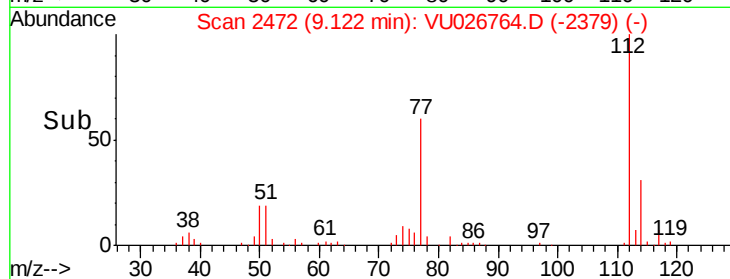
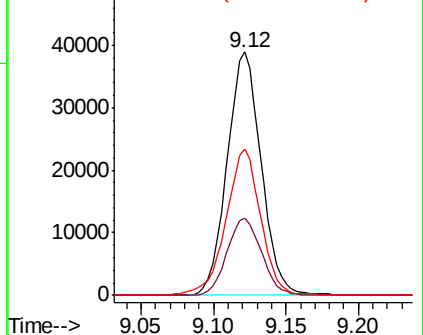
#51
Chlorobenzene
Concen: 22.161 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026764.D
Acq: 14 Sep 2018 14:26

Instrument :
MSVOA_U
ClientSampled :
C08K8DL

Tgt Ion: 112 Resp: 63541
Ion Ratio Lower Upper
112 100
114 31.5 22.9 42.5
77 59.9 47.2 70.8

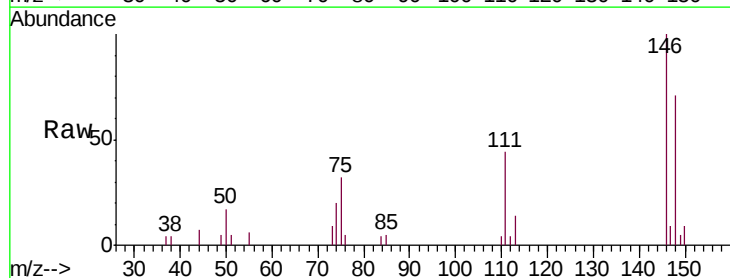


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

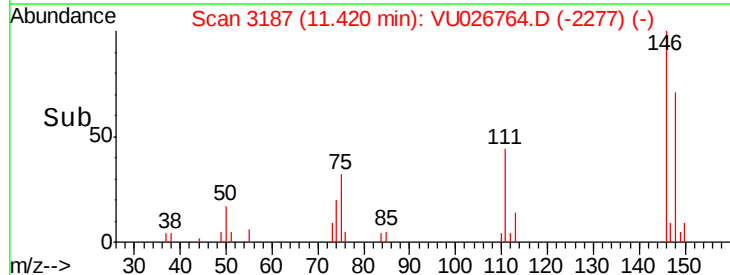
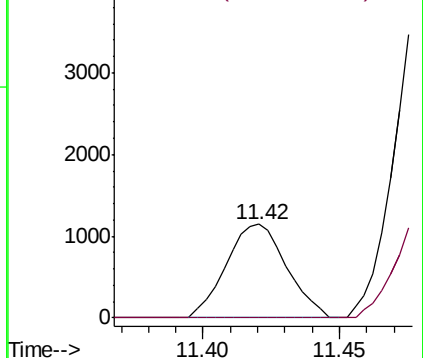


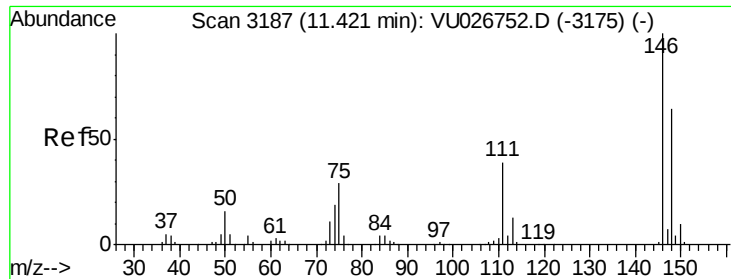
#59
1,2,3-Trichloropropane
Concen: 1.257 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.93 min
Lab File: VU026764.D
Acq: 14 Sep 2018 14:26

Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 3.206 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

Instrument :

MSVOA_U

ClientSampleId :

C08K8DL

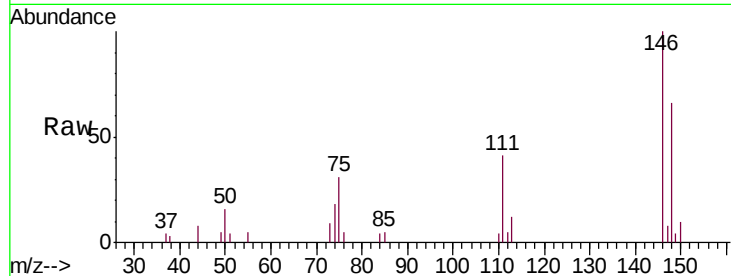
Tgt Ion:146 Resp: 5950

Ion Ratio Lower Upper

146 100

111 41.0 26.7 49.5

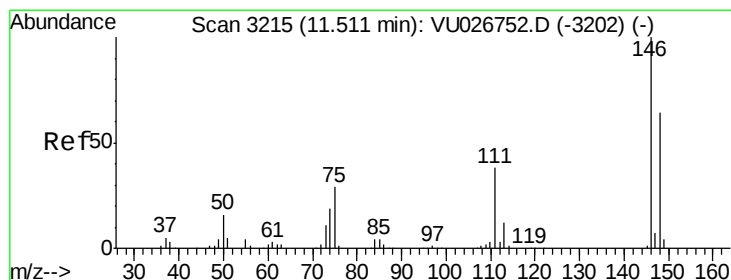
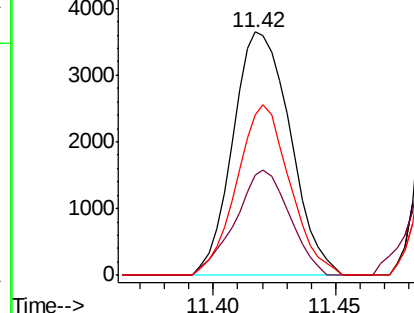
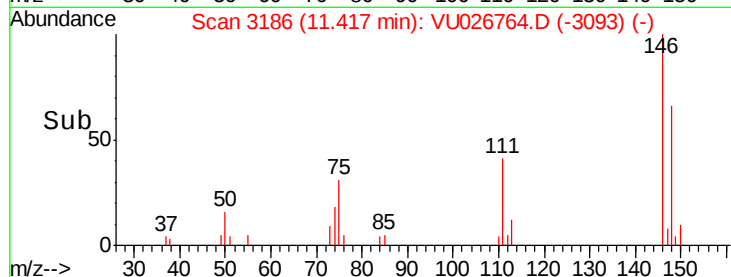
148 65.7 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 32.919 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

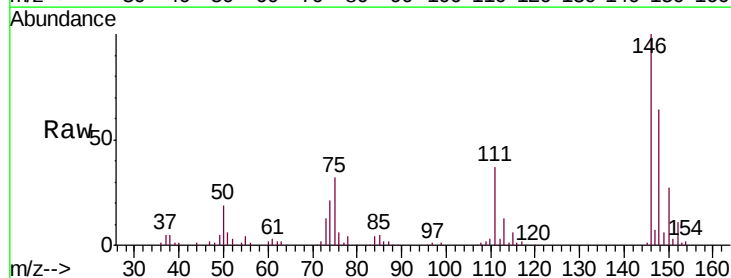
Tgt Ion:146 Resp: 64727

Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.3

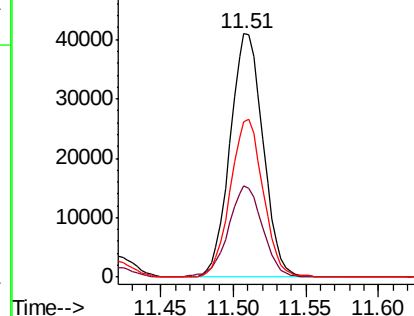
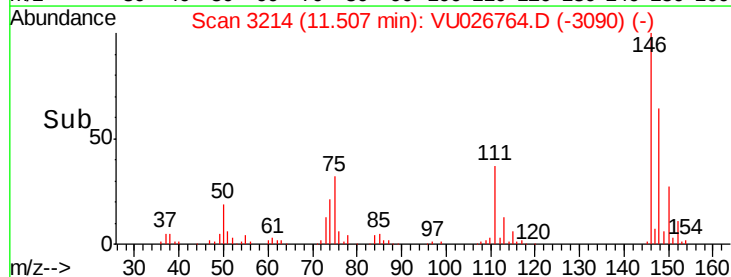
148 64.0 45.2 84.0

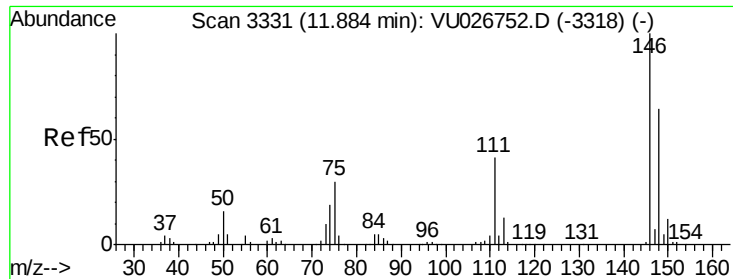


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 77.462 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

Instrument :

MSVOA_U

ClientSampleId :

C08K8DL

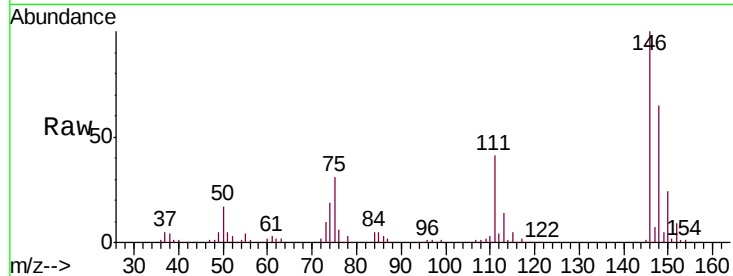
Tgt Ion:146 Resp: 151950

Ion Ratio Lower Upper

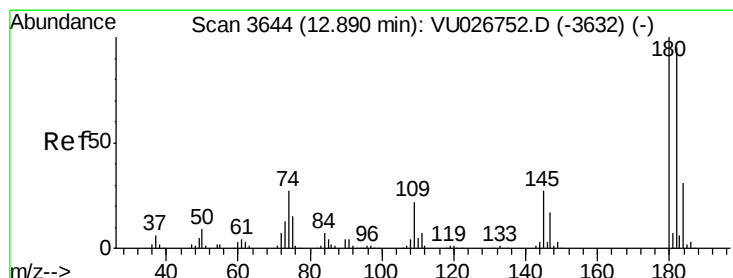
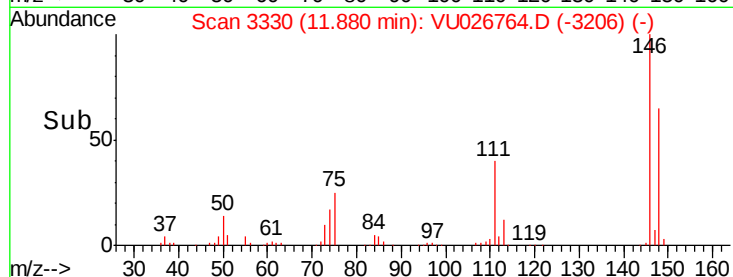
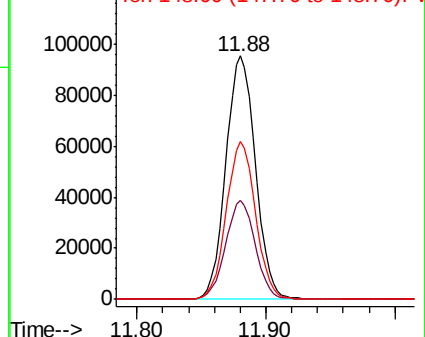
146 100

111 40.8 32.8 49.2

148 64.9 52.2 78.4



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 5.106 ug/L

RT: 13.51 min Scan# 3836

Delta R.T. 0.62 min

Lab File: VU026764.D

Acq: 14 Sep 2018 14:26

Tgt Ion:180 Resp: 7517

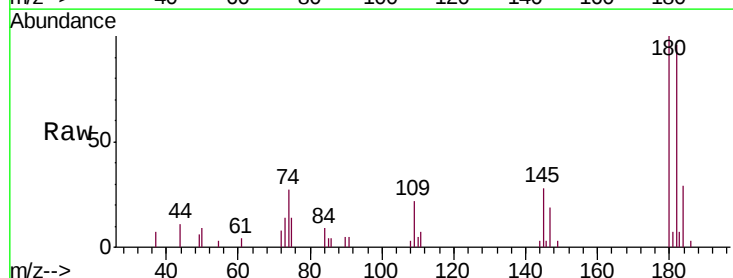
Ion Ratio Lower Upper

180 100

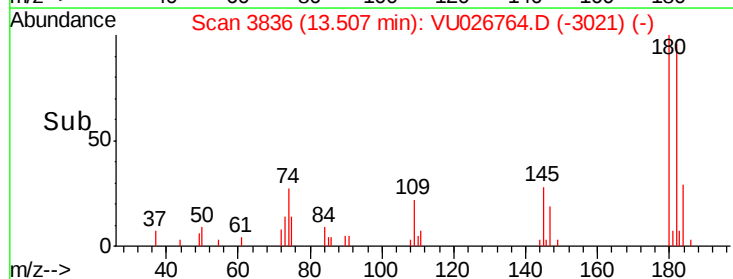
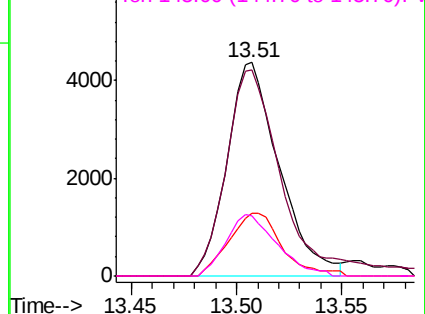
182 96.3 76.8 115.2

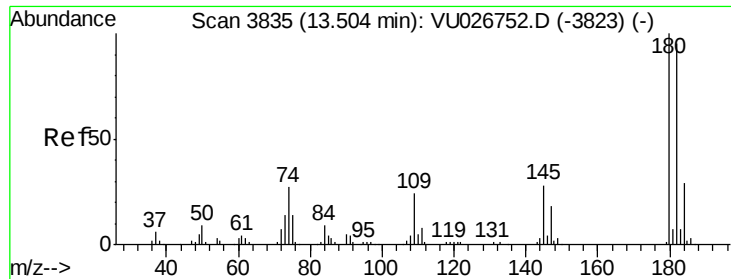
184 29.2 24.2 36.2

145 28.0 21.4 32.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 184.00 (183.70 to 184.70): V
Ion 145.00 (144.70 to 145.70): V

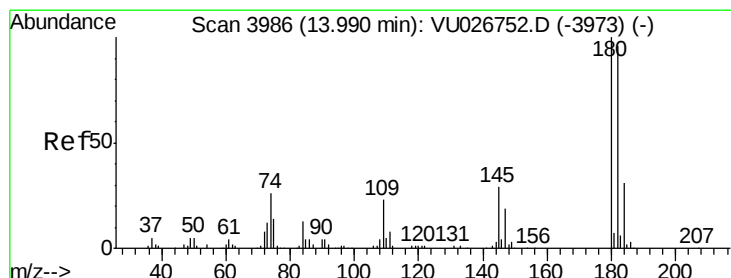
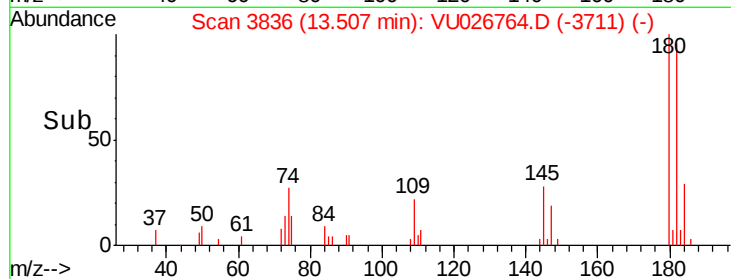
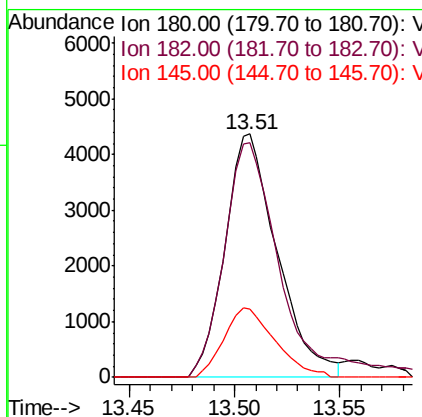
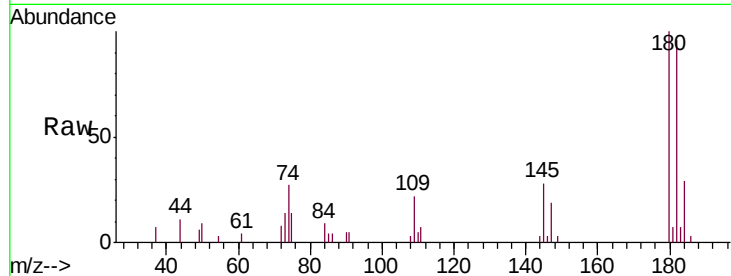




#68
 1,2,4-trichlorobenzene
 Concen: 5.874 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026764.D
 Acq: 14 Sep 2018 14:26

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K8DL

Tgt Ion:180 Resp: 7517
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.0 114.0
 145 28.0 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 1.399 ug/L
 RT: 14.00 min Scan# 3989
 Delta R.T. 0.01 min
 Lab File: VU026764.D
 Acq: 14 Sep 2018 14:26

Tgt Ion:180 Resp: 1939
 Ion Ratio Lower Upper
 180 100
 182 87.0 76.7 115.1
 145 13.6 23.0 34.6#

