

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026024.D
 Acq On : 10 Aug 2018 02:55
 Operator : MD/SY
 Sample : J4401-08 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE8

Quant Time: Aug 10 08:22:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	300524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75406	34.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.66%
7) Chloroethane-d5	1.65	69	68313	39.22	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.26	63	114439	27.42	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.84%#
21) 2-Butanone-d5	4.18	46	151662	82.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.84%
24) Chloroform-d	4.65	84	189741	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.31	65	131702	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
32) Benzene-d6	5.34	84	359155	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.76%
36) 1,2-Dichloropropane-d6	6.33	67	120299	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.56%
41) Toluene-d8	7.57	98	330051	38.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.60%#
43) trans-1,3-Dichloropropene-	7.85	79	55576	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.70%
47) 2-Hexanone-d5	8.31	63	115609	87.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.34%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185259	43.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	159009	41.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.18%

Target Compounds

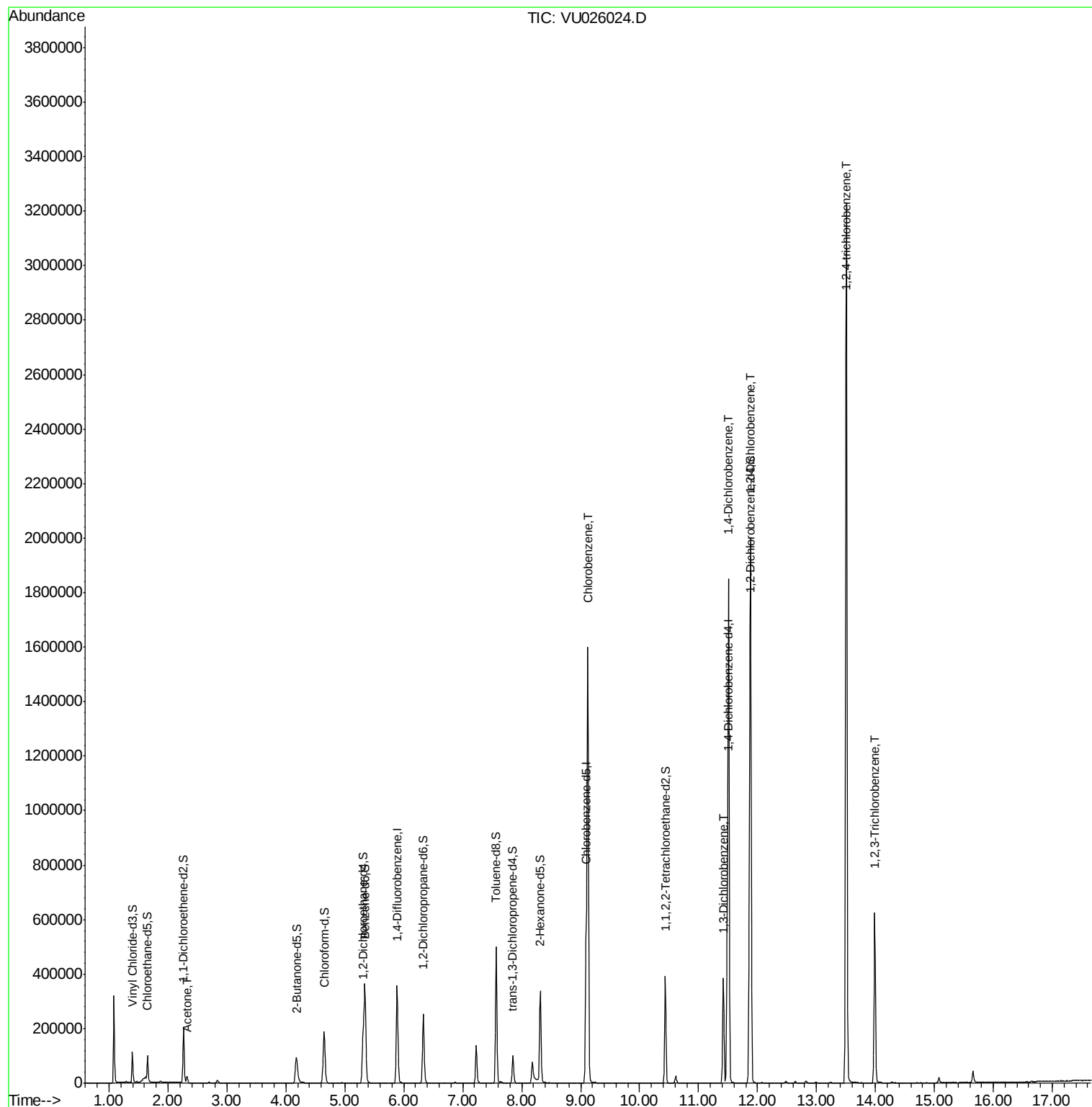
						Ovalue
13) Acetone	2.32	43	21435	18.85	ug/L	98
51) Chlorobenzene	9.12	112	839707	142.03	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	154963	32.09	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	707981	139.87	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	765992	149.04	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	972193	318.57	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	200391	61.10	ug/L	99

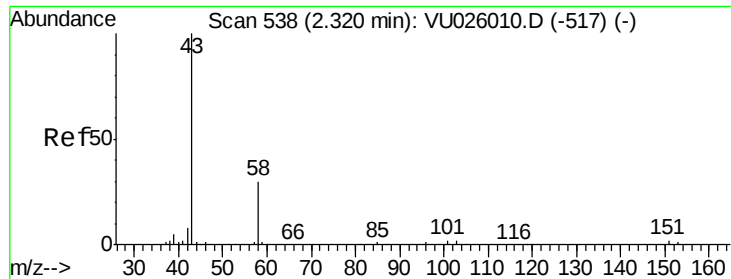
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU026024.D
Acq On : 10 Aug 2018 02:55
Operator : MD/SY
Sample : J4401-08 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZE8

Quant Time: Aug 10 08:22:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 18.85 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026024.D

Acq: 10 Aug 2018 02:55

Instrument :

MSVOA_U

ClientSampled :

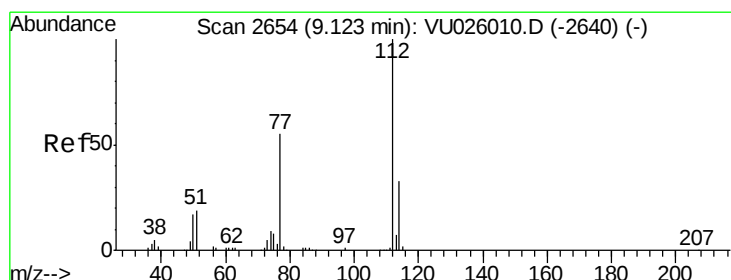
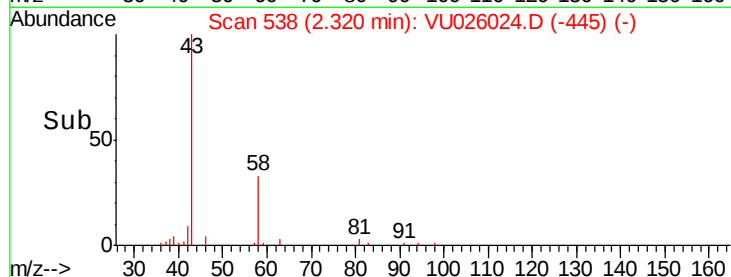
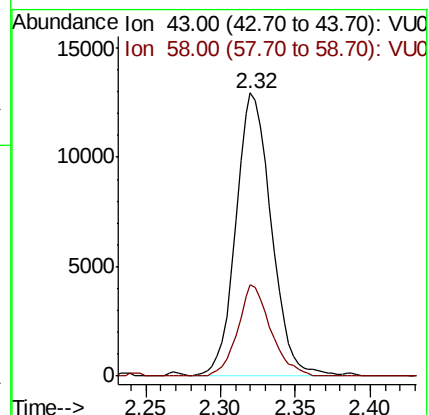
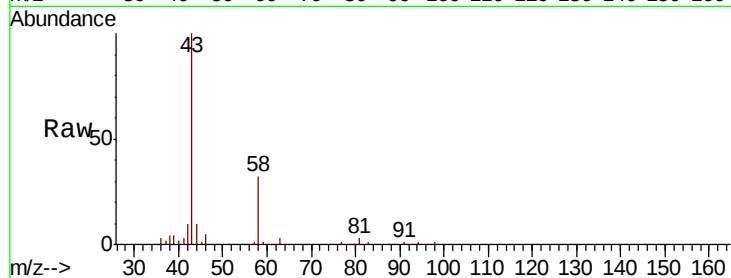
A4ZE8

Tot Ion: 43 Resp: 21435

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.8



#51

Chlorobenzene

Concen: 142.03 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026024.D

Acq: 10 Aug 2018 02:55

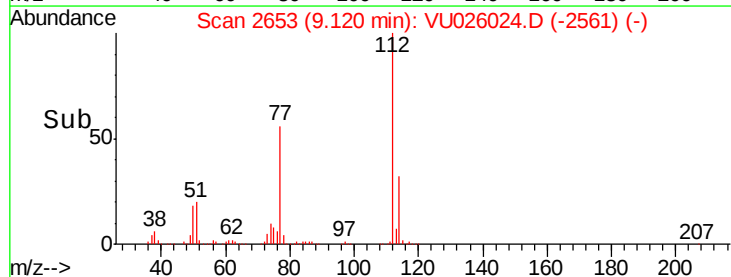
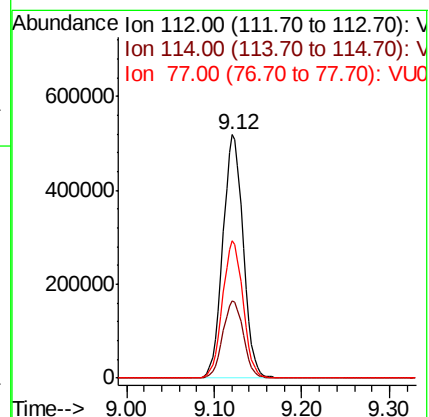
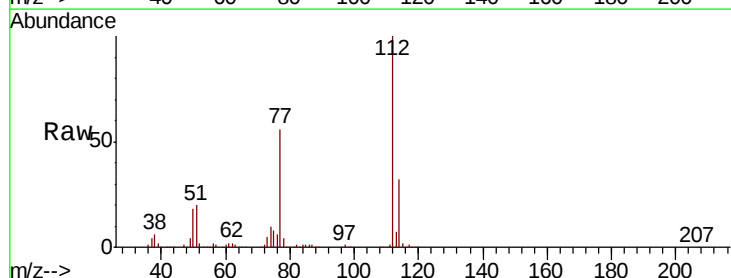
Tgt Ion: 112 Resp: 839707

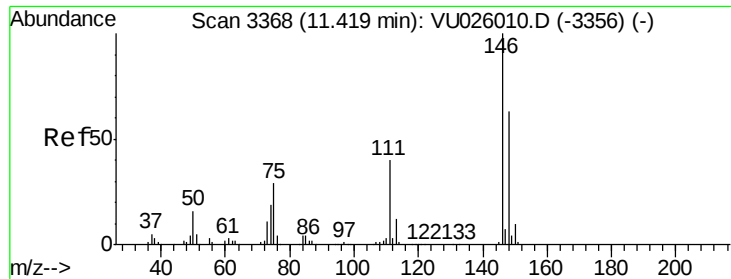
Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.3

77 56.4 45.2 67.8





#62

1,3-Dichlorobenzene

Concen: 32.09 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026024.D

Acq: 10 Aug 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

A4ZE8

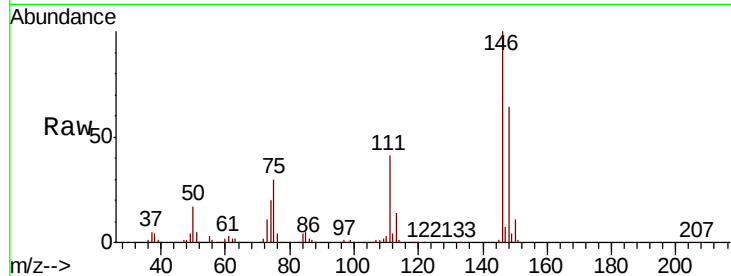
Tot Ion:146 Resp: 154963

Ion Ratio Lower Upper

146 100

111 41.0 27.9 51.9

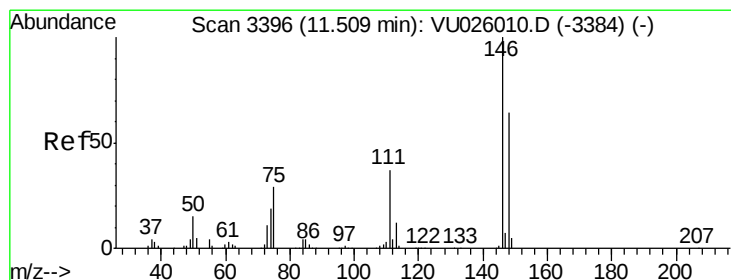
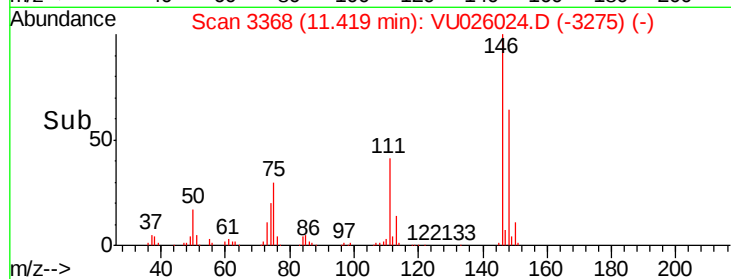
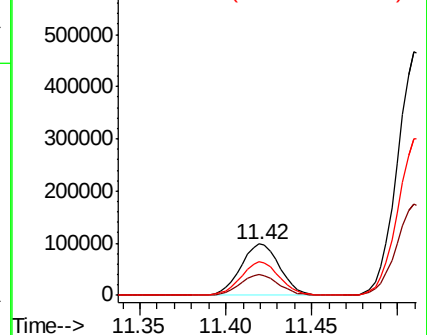
148 64.5 46.0 85.4



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



#63

1,4-Dichlorobenzene

Concen: 139.87 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU026024.D

Acq: 10 Aug 2018 02:55

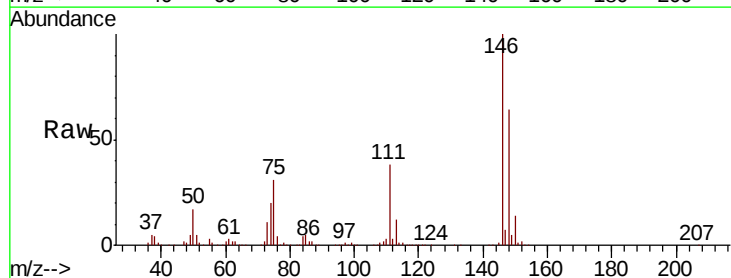
Tgt Ion:146 Resp: 707981

Ion Ratio Lower Upper

146 100

111 37.7 26.4 49.0

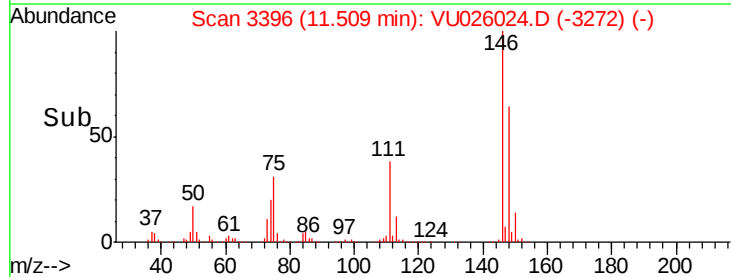
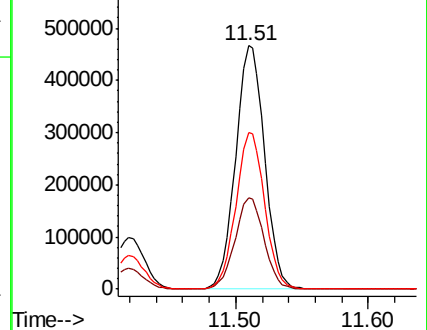
148 64.3 43.8 81.4

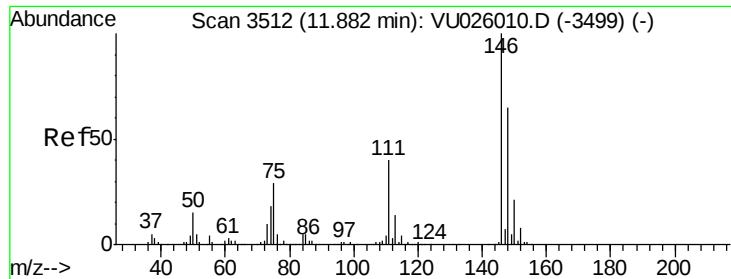


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 149.04 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026024.D

Acq: 10 Aug 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

A4ZE8

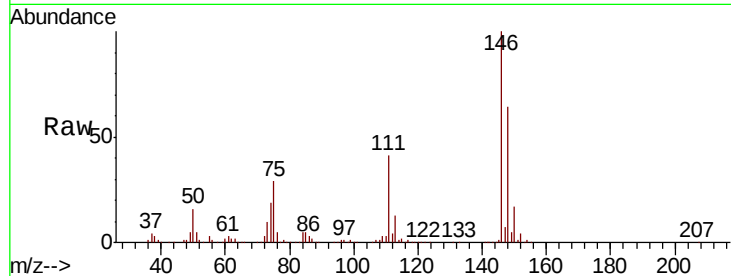
Tot Ion:146 Resp: 765992

Ion Ratio Lower Upper

146 100

111 40.5 32.4 48.6

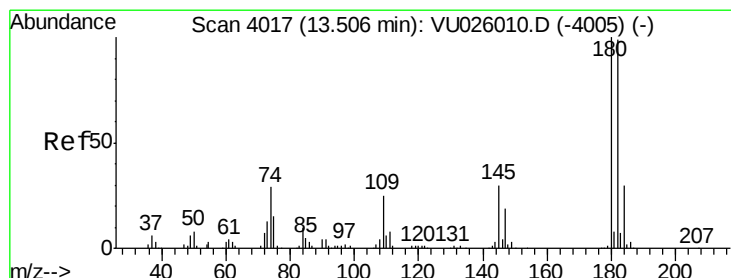
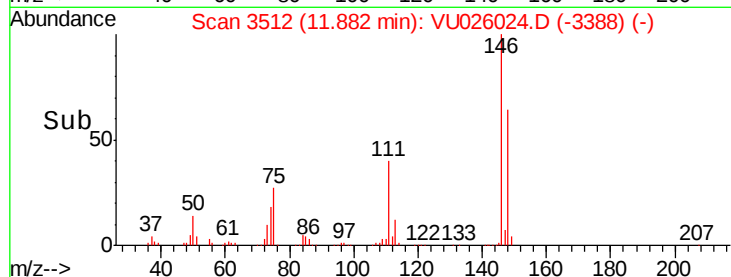
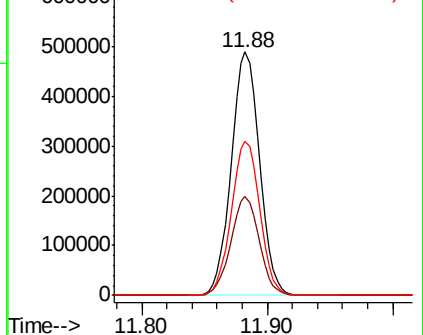
148 63.5 50.1 75.1



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



#68

1,2,4-trichlorobenzene

Concen: 318.57 ug/L

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU026024.D

Acq: 10 Aug 2018 02:55

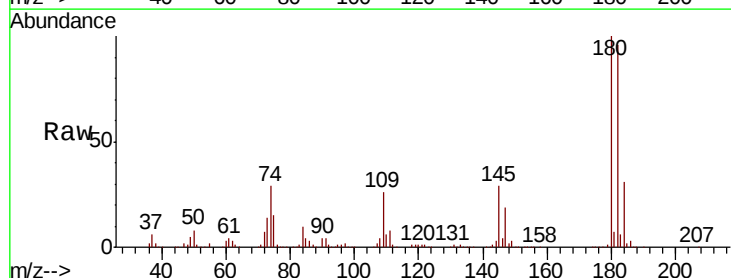
Tgt Ion:180 Resp: 972193

Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

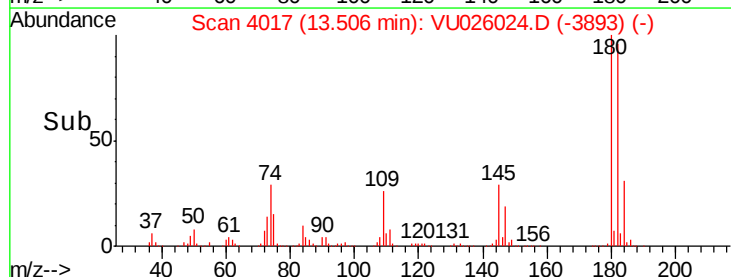
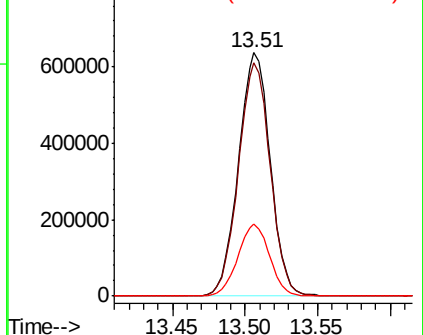
145 29.5 24.2 36.4

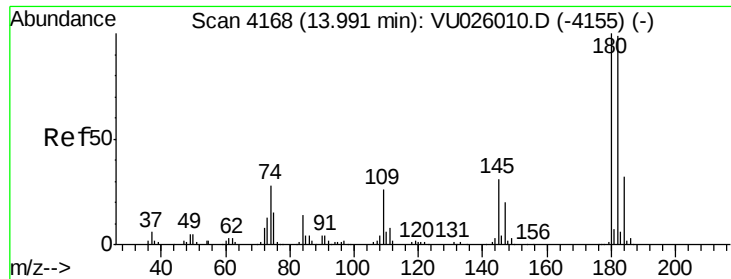


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

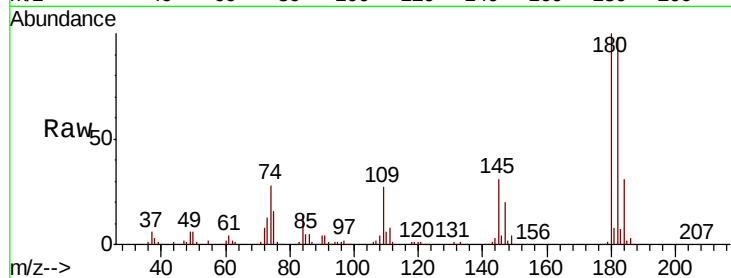




#70
 1,2,3-Trichlorobenzene
 Concen: 61.10 ug/L
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU026024.D
 Acq: 10 Aug 2018 02:55

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE8

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
145	31.3	24.7	37.1



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

