

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026122.D
 Acq On : 15 Aug 2018 00:23
 Operator : MD/SY
 Sample : J4402-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH9

Quant Time: Aug 16 01:52:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	242516	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	99570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60051	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.76%
7) Chloroethane-d5	1.68	69	54761	38.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.92%
11) 1,1-Dichloroethene-d2	2.27	63	97245	28.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.74%#
21) 2-Butanone-d5	4.18	46	147974	100.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.15%
24) Chloroform-d	4.65	84	162382	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.31	65	114478	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
32) Benzene-d6	5.35	84	300785	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.48%
36) 1,2-Dichloropropane-d6	6.33	67	104031	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.24%
41) Toluene-d8	7.57	98	262240	38.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.08%#
43) trans-1,3-Dichloropropene-	7.85	79	45997	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.30%
47) 2-Hexanone-d5	8.31	63	103624	97.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.84%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156471	45.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	114142	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

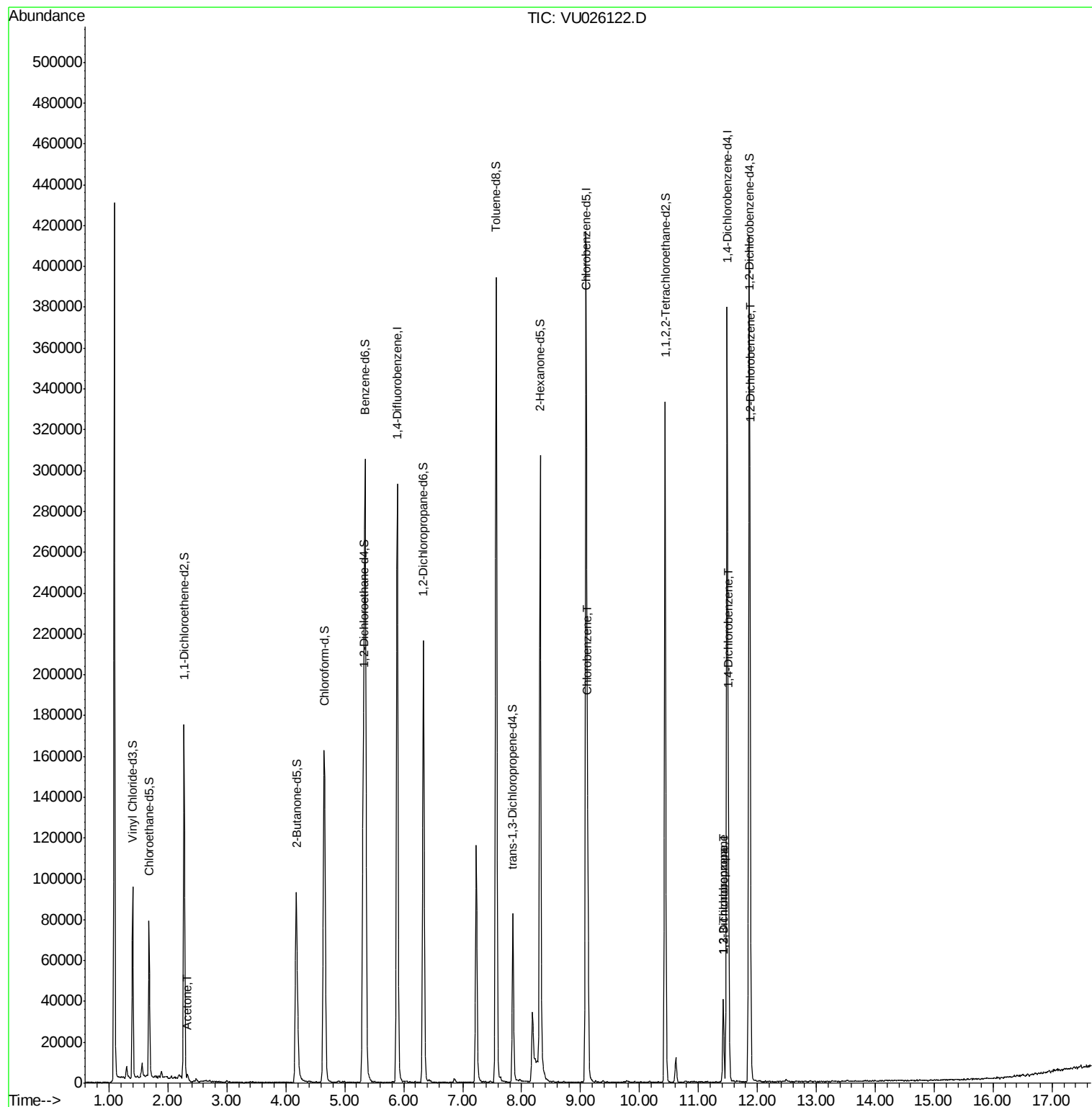
					Qvalue
13) Acetone	2.32	43	1162	1.266	ug/L 70
51) Chlorobenzene	9.12	112	62318	13.174	ug/L 99
59) 1,2,3-Trichloropropane	11.42	75	4780	2.049	ug/L # 43
62) 1,3-Dichlorobenzene	11.42	146	17419	5.619	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	30024	9.240	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	17804	5.396	ug/L 97

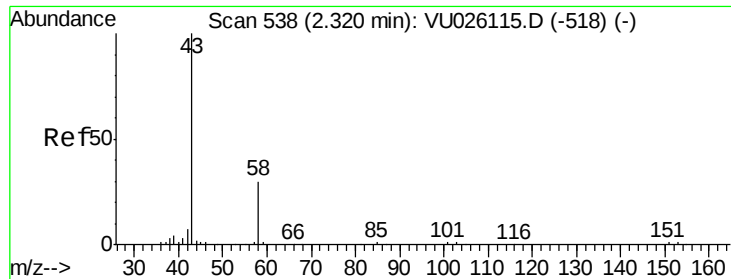
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
Data File : VU026122.D
Acq On : 15 Aug 2018 00:23
Operator : MD/SY
Sample : J4402-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZH9

Quant Time: Aug 16 01:52:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 01:50:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.266 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026122.D

Acq: 15 Aug 2018 00:23

Instrument :

MSVOA_U

ClientSampleId :

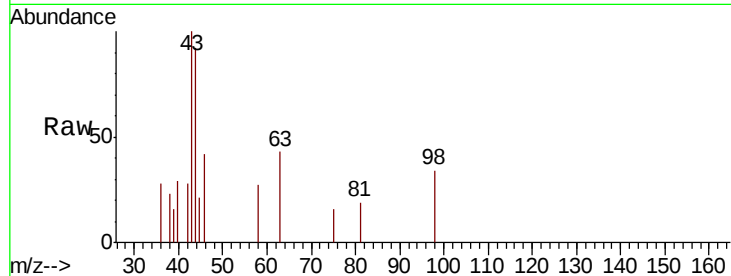
A4ZH9

Tgt Ion: 43 Resp: 1162

Ion Ratio Lower Upper

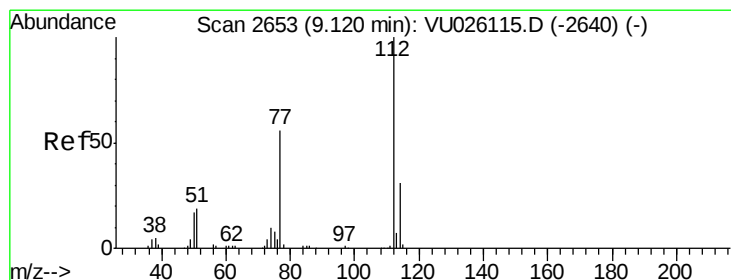
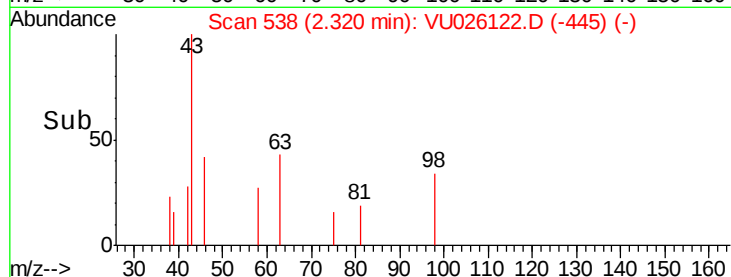
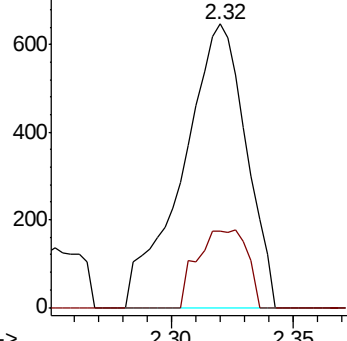
43 100

58 14.3 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#51

Chlorobenzene

Concen: 13.174 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU026122.D

Acq: 15 Aug 2018 00:23

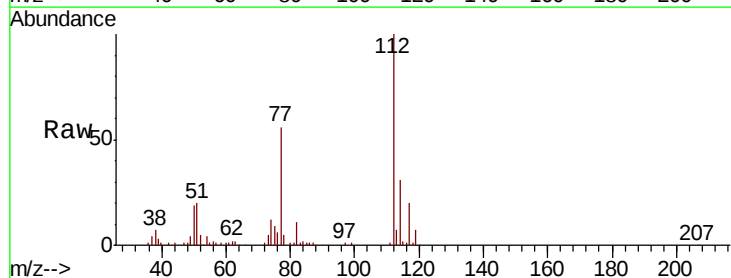
Tgt Ion: 112 Resp: 62318

Ion Ratio Lower Upper

112 100

114 31.1 22.7 42.3

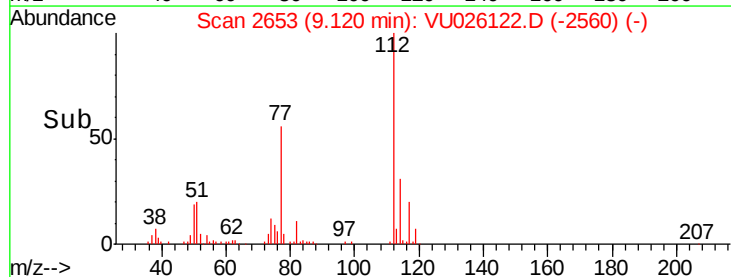
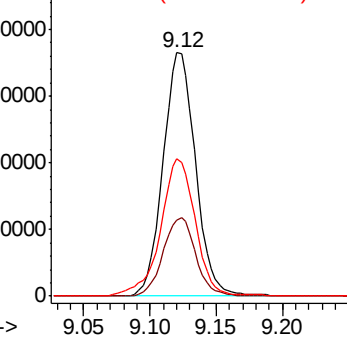
77 56.3 45.2 67.8

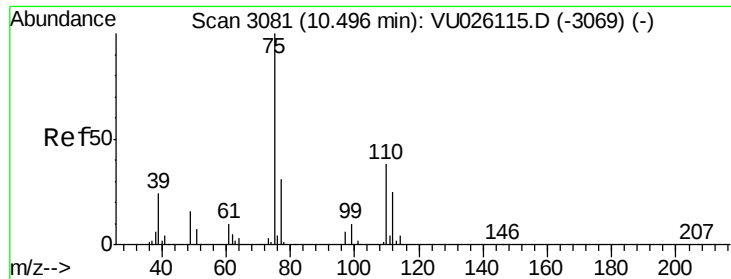


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 2.049 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.92 min

Lab File: VU026122.D

Acq: 15 Aug 2018 00:23

Instrument :

MSVOA_U

ClientSampleId :

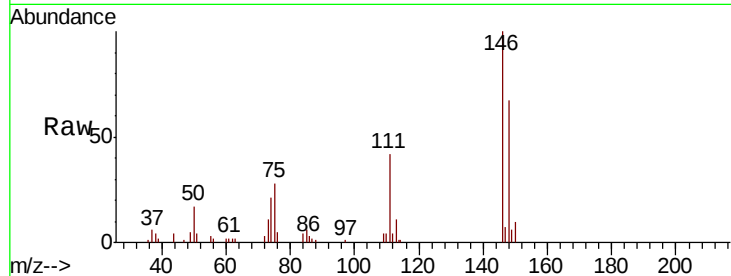
A4ZH9

Tgt Ion: 75 Resp: 4780

Ion Ratio Lower Upper

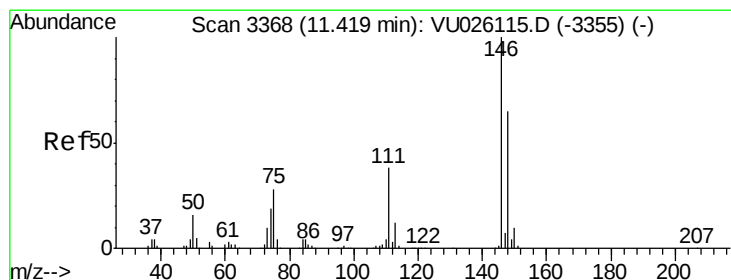
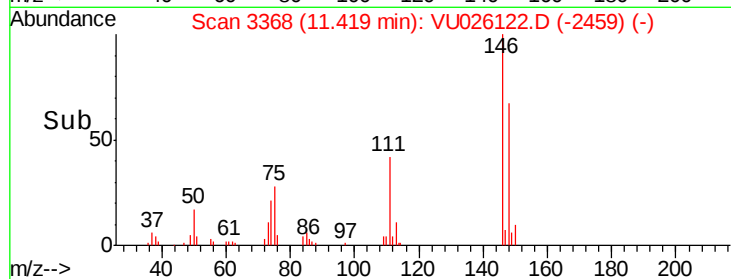
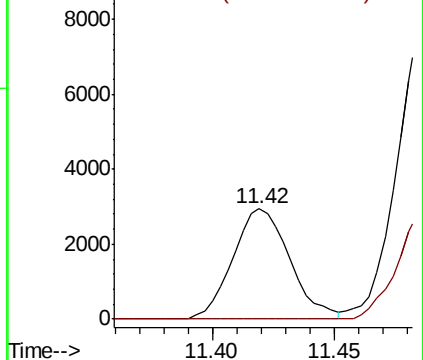
75 100

77 0.0 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 5.619 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU026122.D

Acq: 15 Aug 2018 00:23

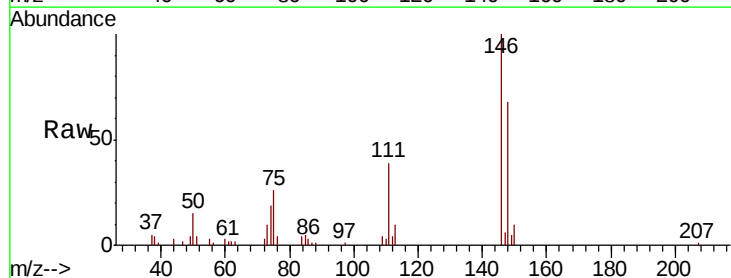
Tgt Ion: 146 Resp: 17419

Ion Ratio Lower Upper

146 100

111 39.3 27.9 51.9

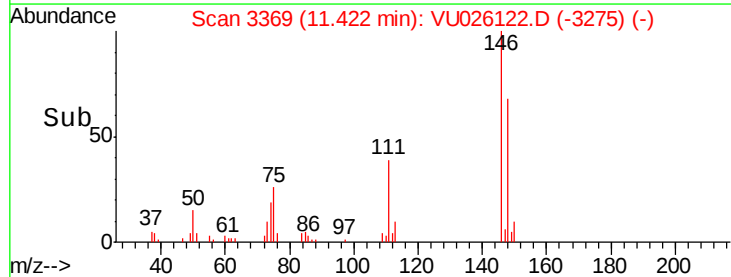
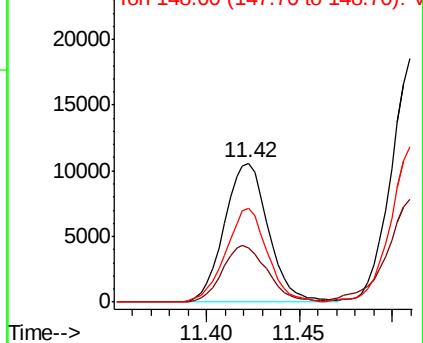
148 67.7 46.0 85.4

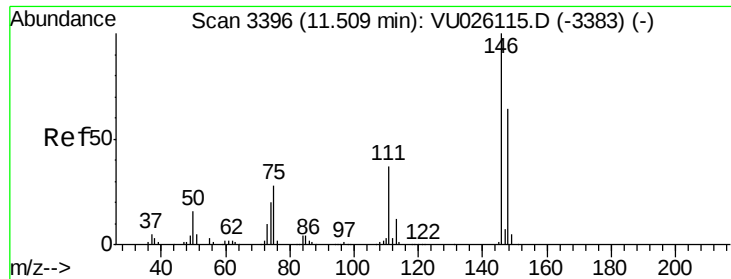


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

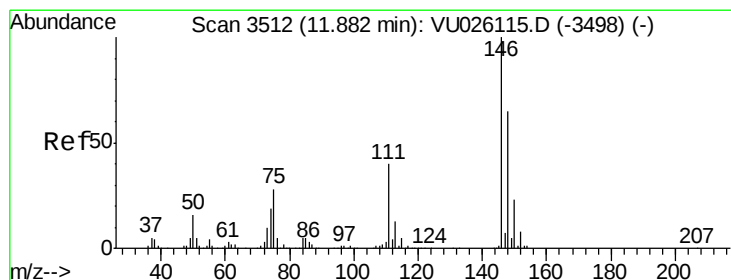
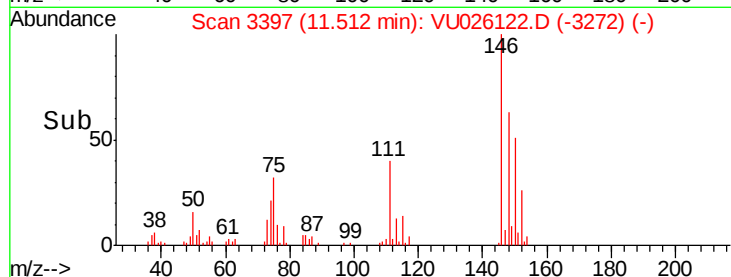
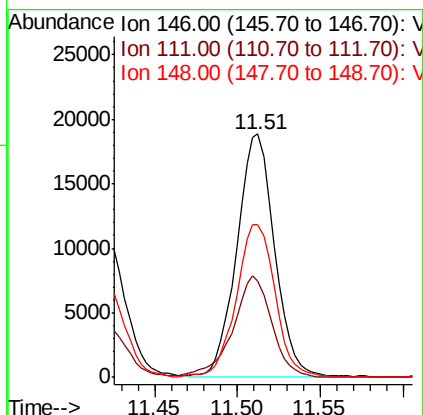
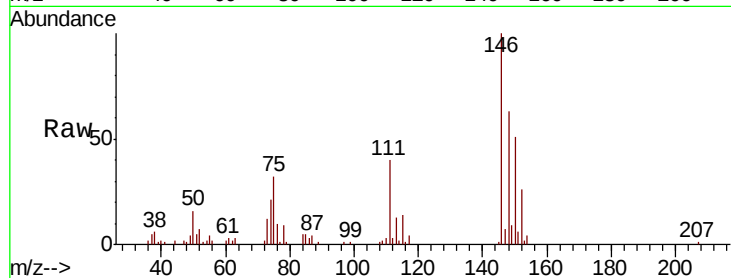




#63
 1,4-Dichlorobenzene
 Concen: 9.240 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU026122.D
 Acq: 15 Aug 2018 00:23

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH9

Tgt Ion:146 Resp: 30024
 Ion Ratio Lower Upper
 146 100
 111 39.7 26.4 49.0
 148 62.7 43.8 81.4



#65
 1,2-Dichlorobenzene
 Concen: 5.396 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026122.D
 Acq: 15 Aug 2018 00:23

Tgt Ion:146 Resp: 17804
 Ion Ratio Lower Upper
 146 100
 111 44.5 32.4 48.6
 148 63.0 50.1 75.1

