

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025998.D
 Acq On : 09 Aug 2018 15:59
 Operator : MD/SY
 Sample : J4361-24DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA7DL

Quant Time: Aug 10 06:53:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	294457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271943	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90504	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.10%
7) Chloroethane-d5	1.68	69	77519	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.86%
11) 1,1-Dichloroethene-d2	2.27	63	141147	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.02%
21) 2-Butanone-d5	4.18	46	171665	95.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.69%
24) Chloroform-d	4.65	84	209618	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
26) 1,2-Dichloroethane-d4	5.31	65	147815	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.35	84	403435	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.33	67	131847	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.57	98	371790	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	64339	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
47) 2-Hexanone-d5	8.31	63	120768	97.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.31%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187517	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	150523	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%

Target Compounds

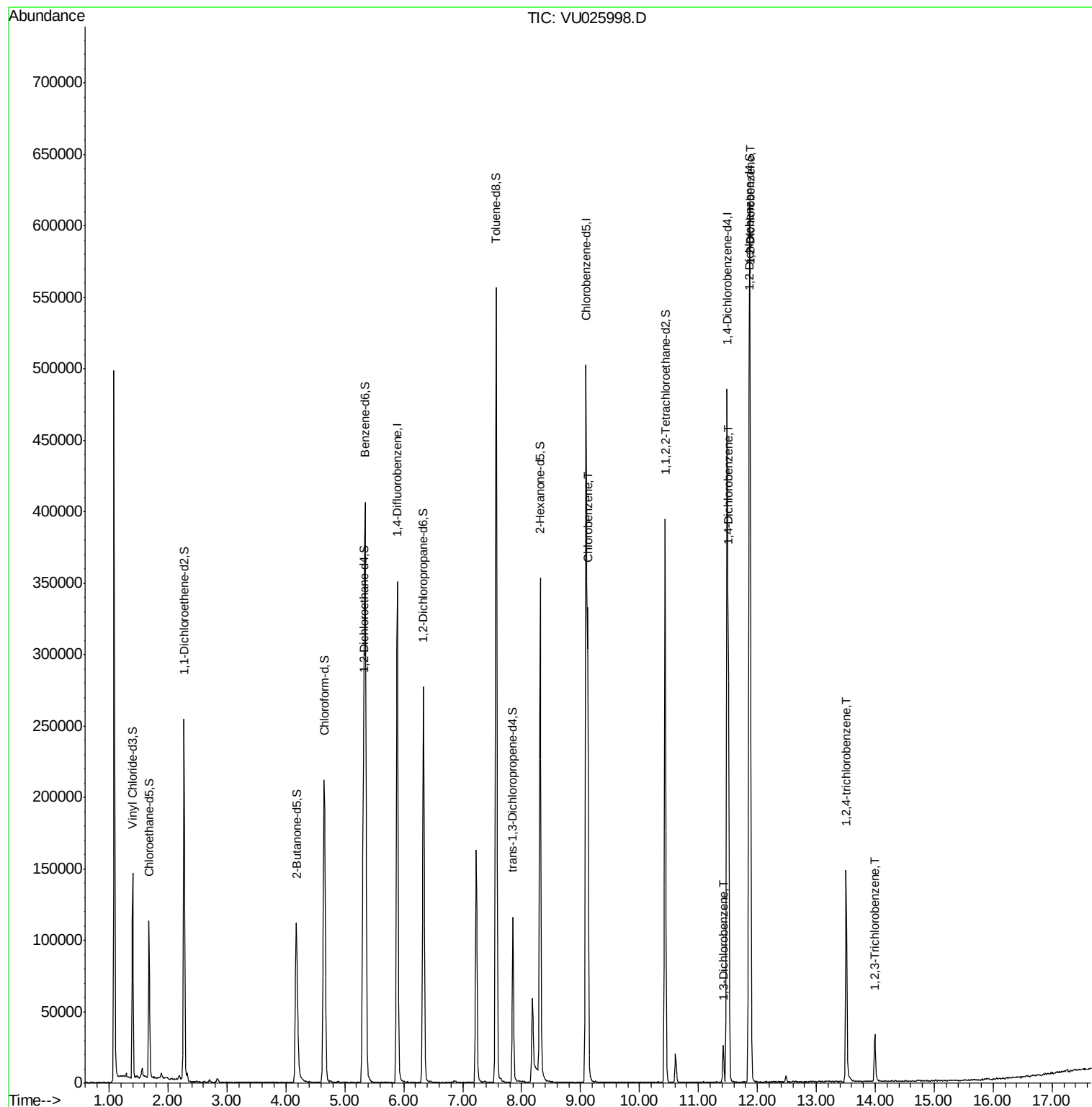
						Ovalue
51) Chlorobenzene	9.12	112	166507	30.04	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	10504	2.76	ug/L	83
63) 1,4-Dichlorobenzene	11.51	146	98853	24.73	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	106490	26.24	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	49631	20.60	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	12041	4.65	ug/L	97

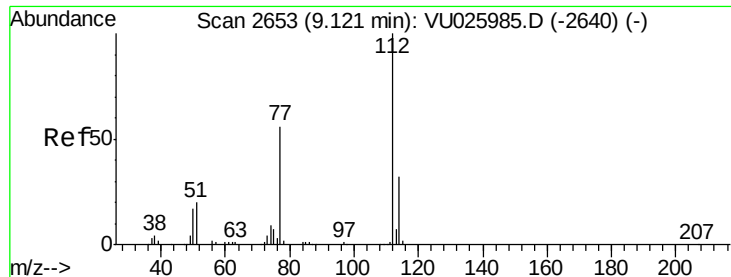
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU025998.D
Acq On : 09 Aug 2018 15:59
Operator : MD/SY
Sample : J4361-24DL 40X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZA7DL

Quant Time: Aug 10 06:53:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 30.04 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025998.D

Acq: 09 Aug 2018 15:59

Instrument :

MSVOA_U

ClientSampleId :

A4ZA7DL

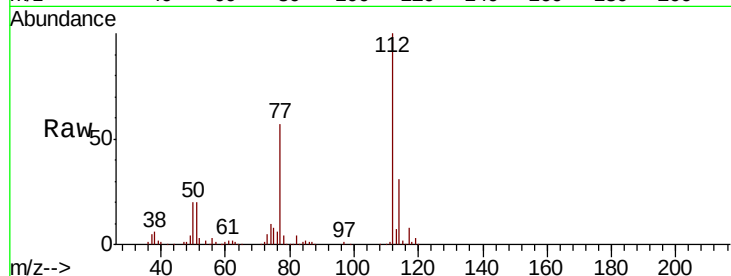
Tot Ion:112 Resp: 166507

Ion Ratio Lower Upper

112 100

114 31.3 22.7 42.3

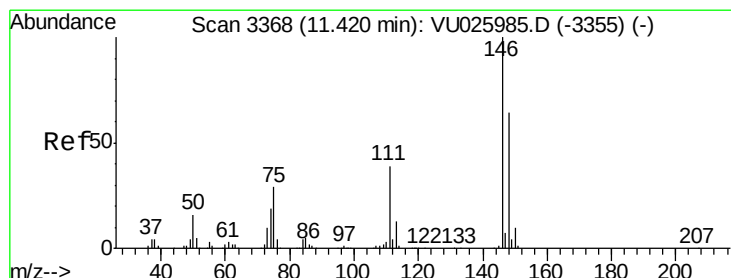
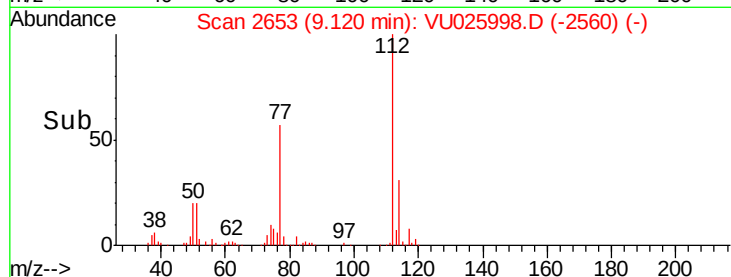
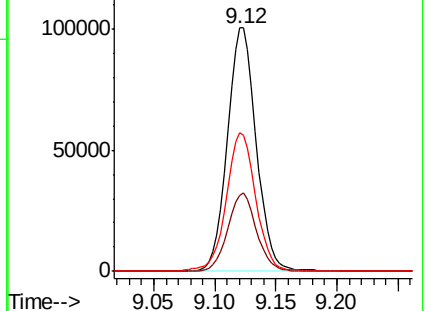
77 56.8 45.2 67.8



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): V



#62

1,3-Dichlorobenzene

Concen: 2.76 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025998.D

Acq: 09 Aug 2018 15:59

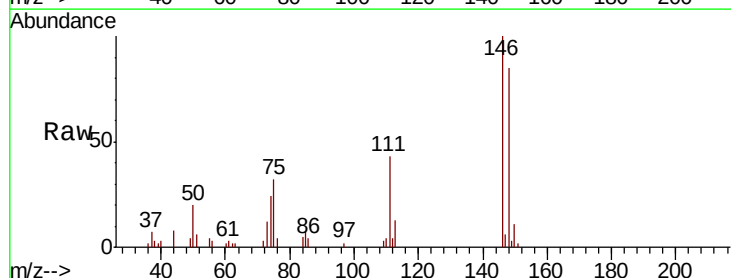
Tgt Ion:146 Resp: 10504

Ion Ratio Lower Upper

146 100

111 43.3 27.9 51.9

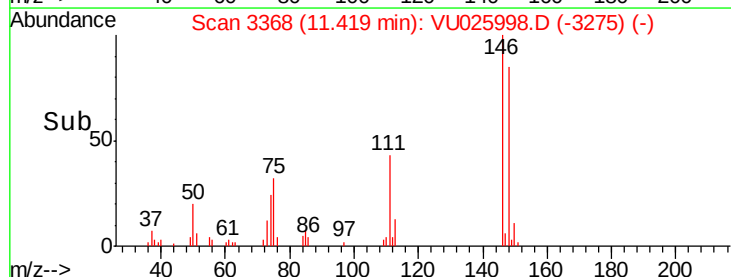
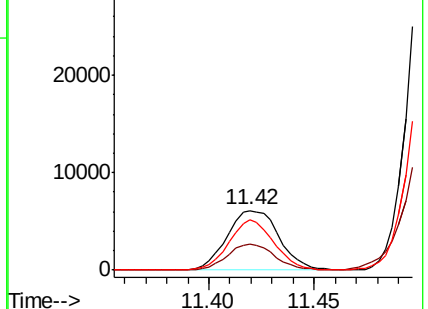
148 85.0 46.0 85.4

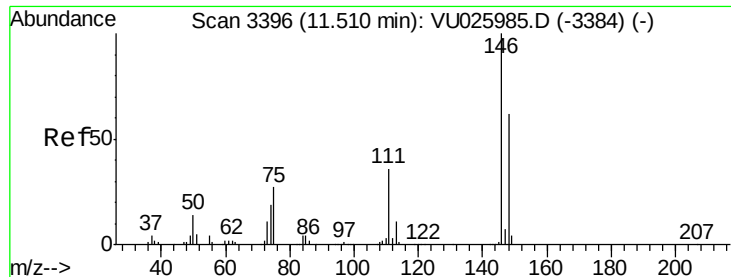


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 24.73 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU025998.D

Acq: 09 Aug 2018 15:59

Instrument :

MSVOA_U

ClientSampleId :

A4ZA7DL

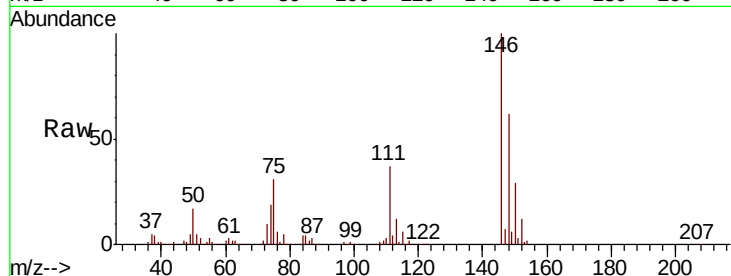
Tot Ion:146 Resp: 98853

Ion Ratio Lower Upper

146 100

111 37.1 26.4 49.0

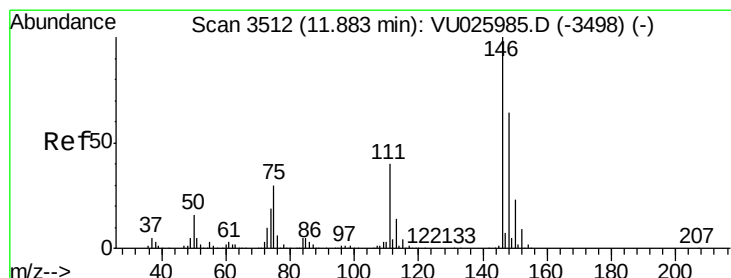
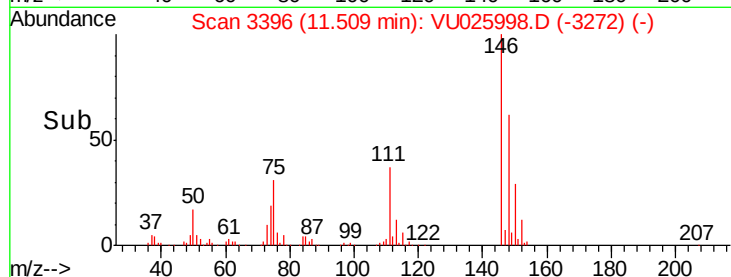
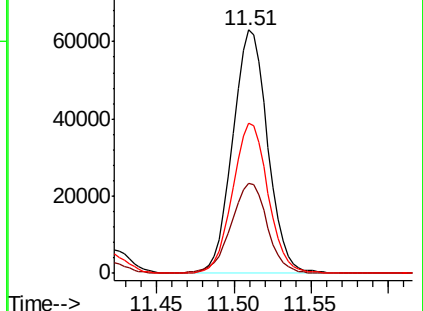
148 61.5 43.8 81.4



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: 26.24 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025998.D

Acq: 09 Aug 2018 15:59

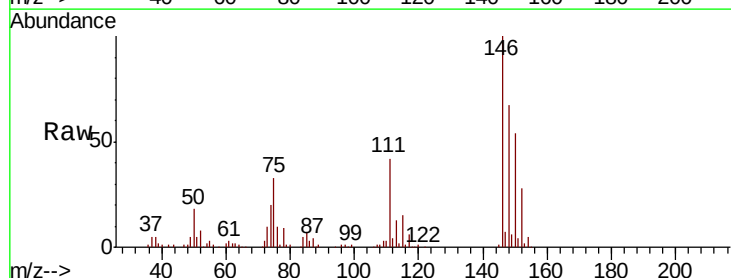
Tgt Ion:146 Resp: 106490

Ion Ratio Lower Upper

146 100

111 41.7 32.4 48.6

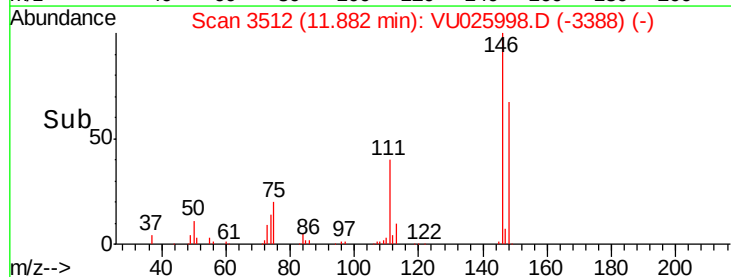
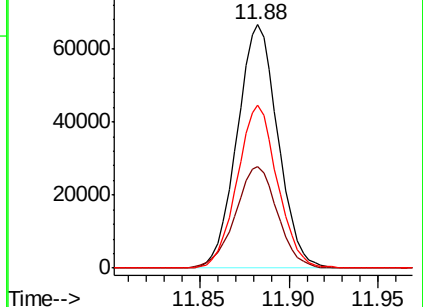
148 66.9 50.1 75.1

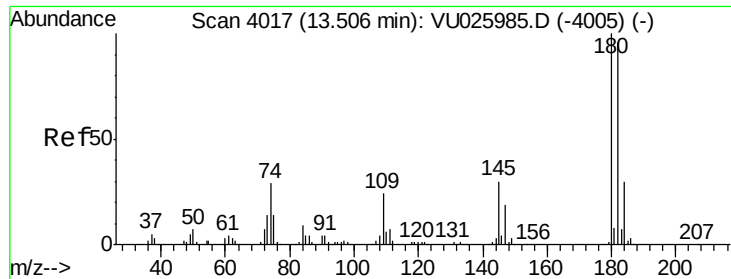


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

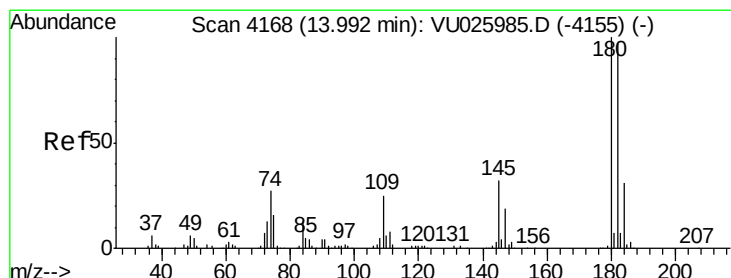
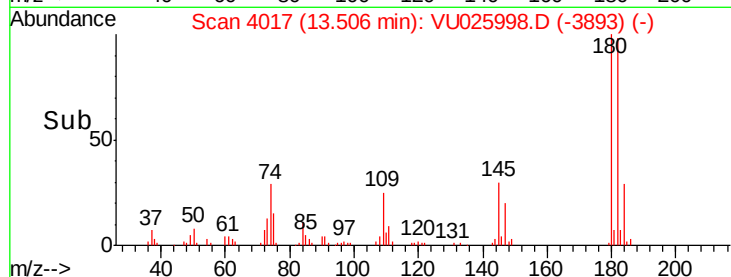
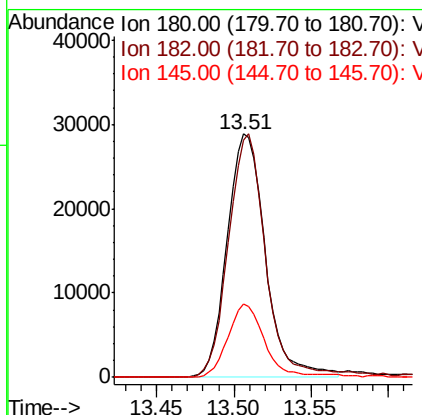
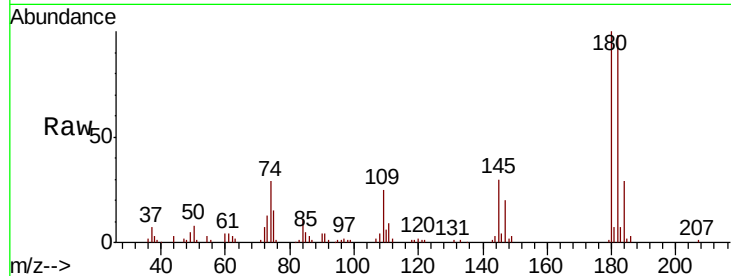




#68
 1,2,4-trichlorobenzene
 Concen: 20.60 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025998.D
 Acq: 09 Aug 2018 15:59

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA7DL

Tot Ion:180 Resp: 49631
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.5 114.7
 145 28.4 24.2 36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 4.65 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU025998.D
 Acq: 09 Aug 2018 15:59

Tgt Ion:180 Resp: 12041
 Ion Ratio Lower Upper
 180 100
 182 98.8 76.5 114.7
 145 31.8 24.7 37.1

