

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025996.D
 Acq On : 09 Aug 2018 15:10
 Operator : MD/SY
 Sample : J4361-13DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZC0DL

Quant Time: Aug 10 06:37:50 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	258587	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	241393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	108087	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99413	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.18%
7) Chloroethane-d5	1.68	69	81874	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.26%
11) 1,1-Dichloroethene-d2	2.27	63	150845	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
21) 2-Butanone-d5	4.18	46	178543	113.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.33%
24) Chloroform-d	4.65	84	220605	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	5.31	65	152569	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.70%
32) Benzene-d6	5.34	84	429112	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.50%
36) 1,2-Dichloropropane-d6	6.33	67	140230	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.64%
41) Toluene-d8	7.57	98	391638	54.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.22%
43) trans-1,3-Dichloropropene-	7.85	79	68033	55.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.34%
47) 2-Hexanone-d5	8.31	63	127974	116.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.17%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	197612	55.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	158445	59.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.94%

Target Compounds

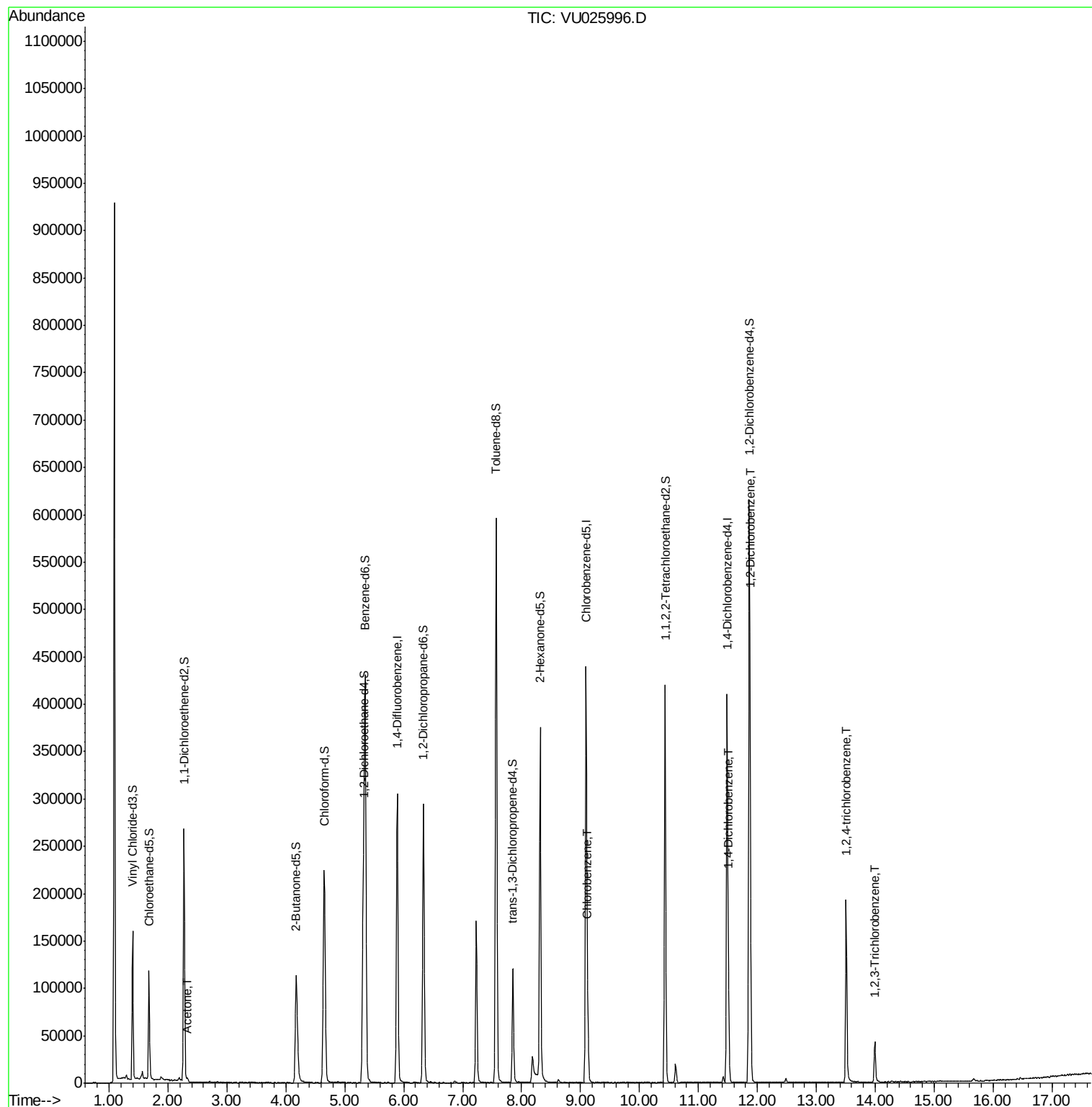
					Ovalue
13) Acetone	2.32	43	2124	2.17 ug/L	83
51) Chlorobenzene	9.12	112	40514	8.23 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	31715	8.99 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	56489	15.77 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	61946	29.13 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	15098	6.61 ug/L	96

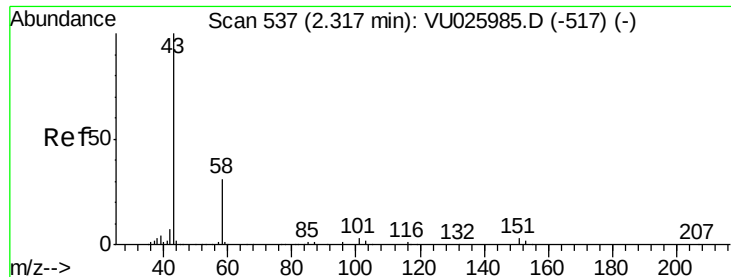
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.17 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

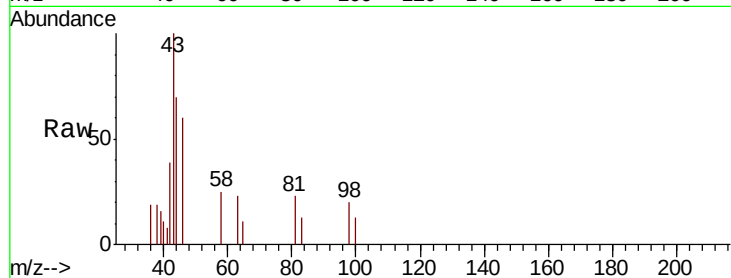
A4ZC0DL

Tot Ion: 43 Resp: 2124

Ion Ratio Lower Upper

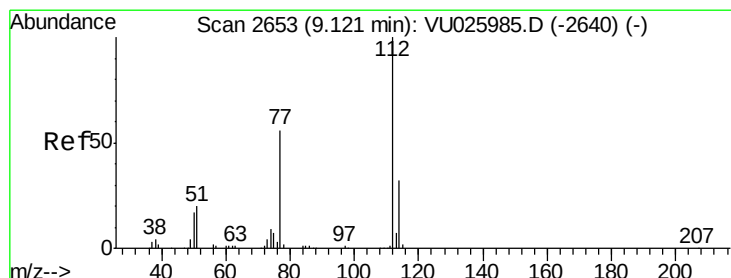
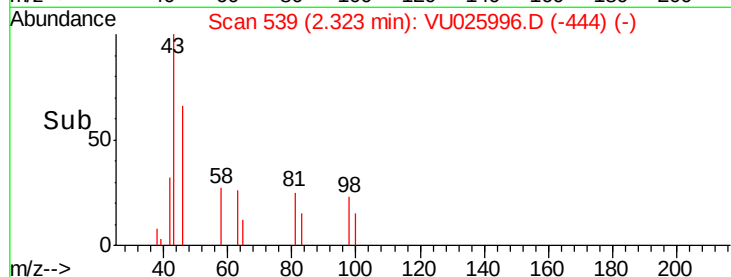
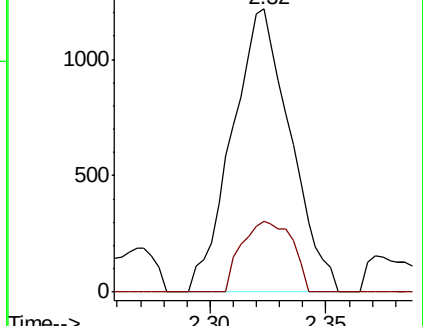
43 100

58 21.4 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025985.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025985.D (-517) (-)



#51

Chlorobenzene

Concen: 8.23 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

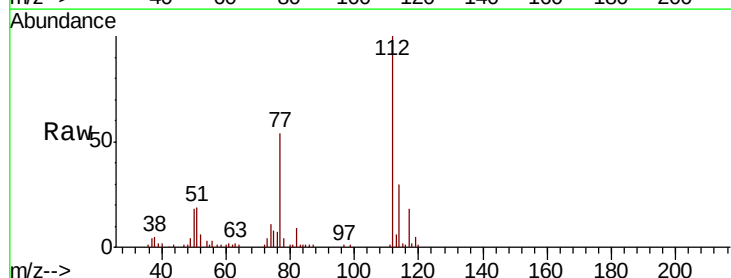
Tgt Ion: 112 Resp: 40514

Ion Ratio Lower Upper

112 100

114 30.1 22.7 42.3

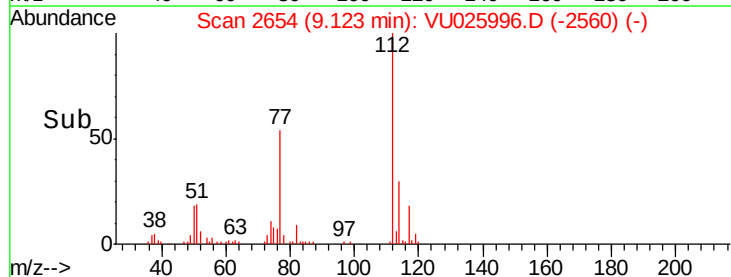
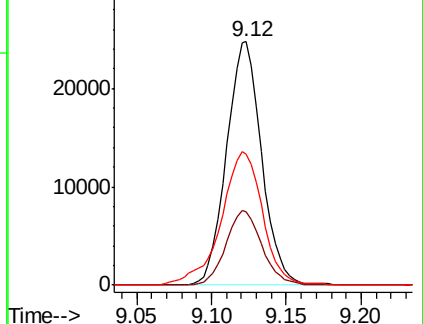
77 53.9 45.2 67.8

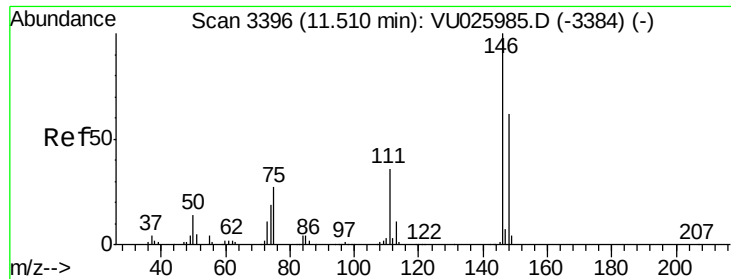


Abundance Ion 112.00 (111.70 to 112.70): VU025985.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU025985.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU025985.D (-2640) (-)

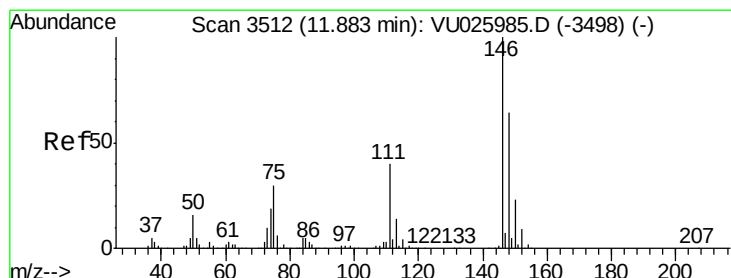
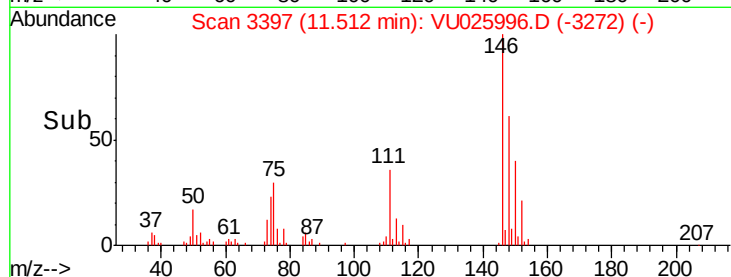
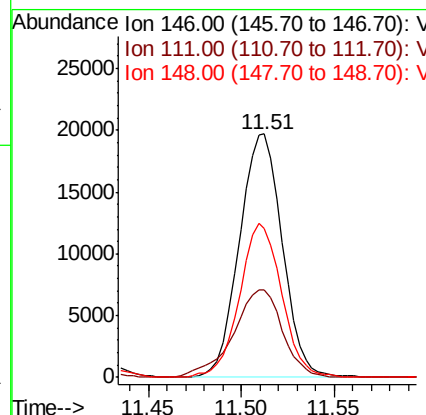
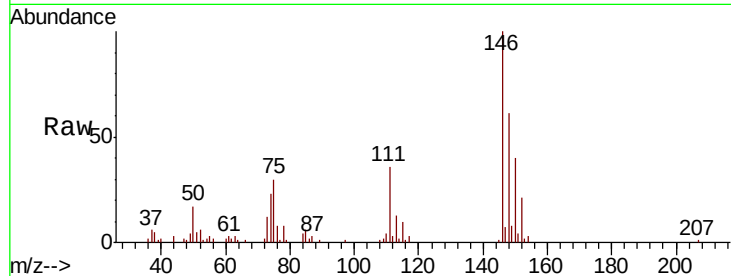




#63
 1,4-Dichlorobenzene
 Concen: 8.99 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

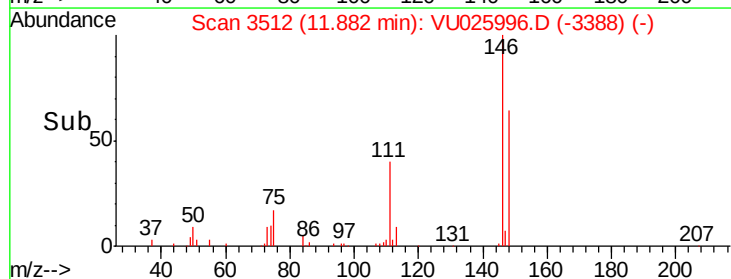
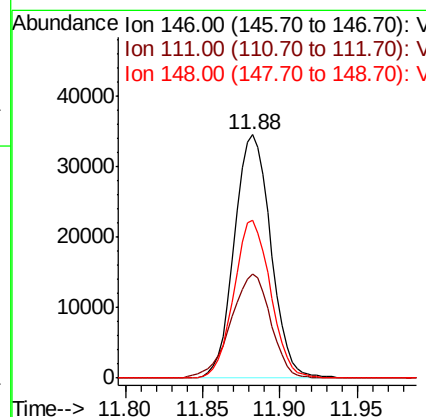
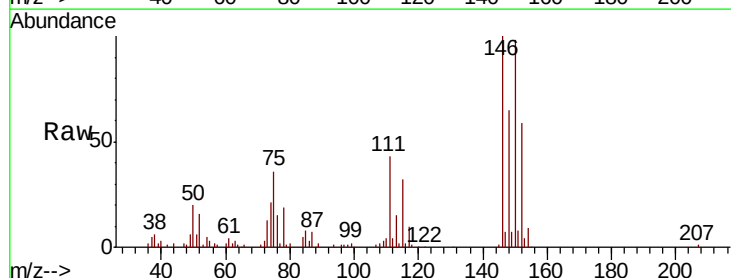
Instrument :
 MSVOA_U
 ClientSampled :
 A4ZC0DL

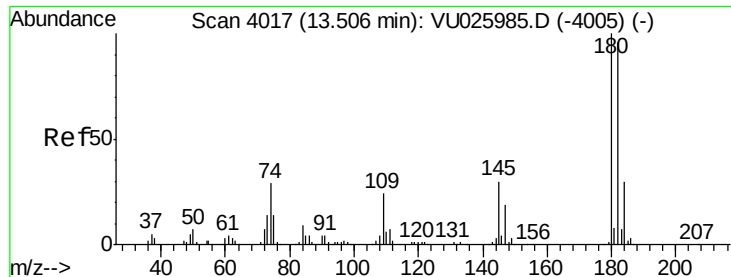
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	26.4	49.0
148	61.1	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 15.77 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	32.4	48.6
148	64.6	50.1	75.1





#68

1,2,4-trichlorobenzene

Concen: 29.13 ug/L

RT: 13.51 min Scan# 4017

Delta R.T. -0.00 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

A4ZC0DL

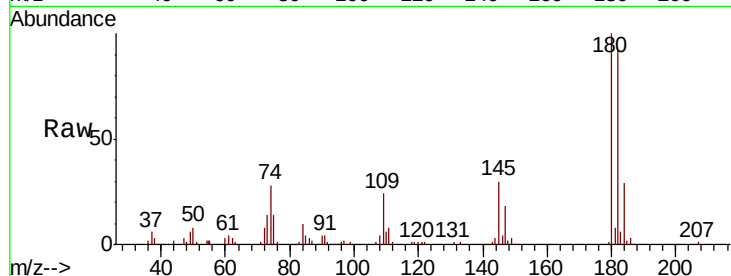
Tot Ion:180 Resp: 61946

Ion Ratio Lower Upper

180 100

182 94.6 76.5 114.7

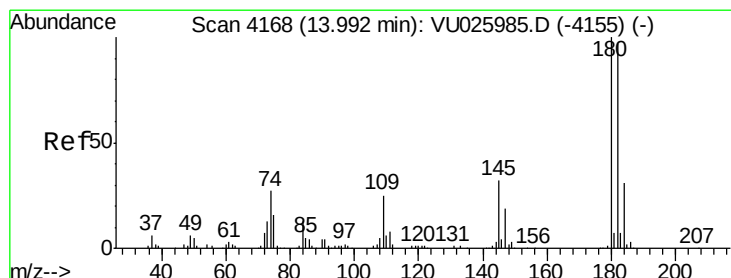
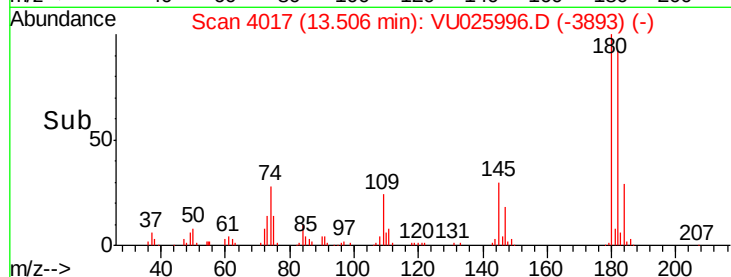
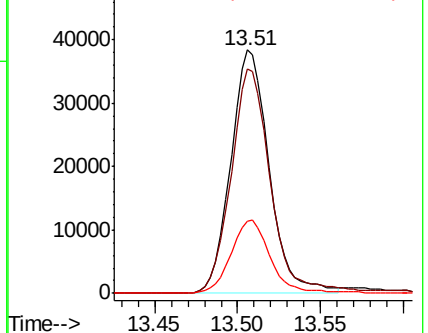
145 30.5 24.2 36.4



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: 6.61 ug/L

RT: 13.99 min Scan# 4168

Delta R.T. -0.00 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

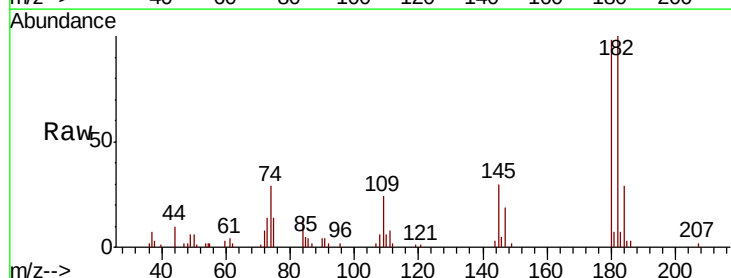
Tgt Ion:180 Resp: 15098

Ion Ratio Lower Upper

180 100

182 100.7 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

