

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 :

Quant Time: Aug 10 05:17:19 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

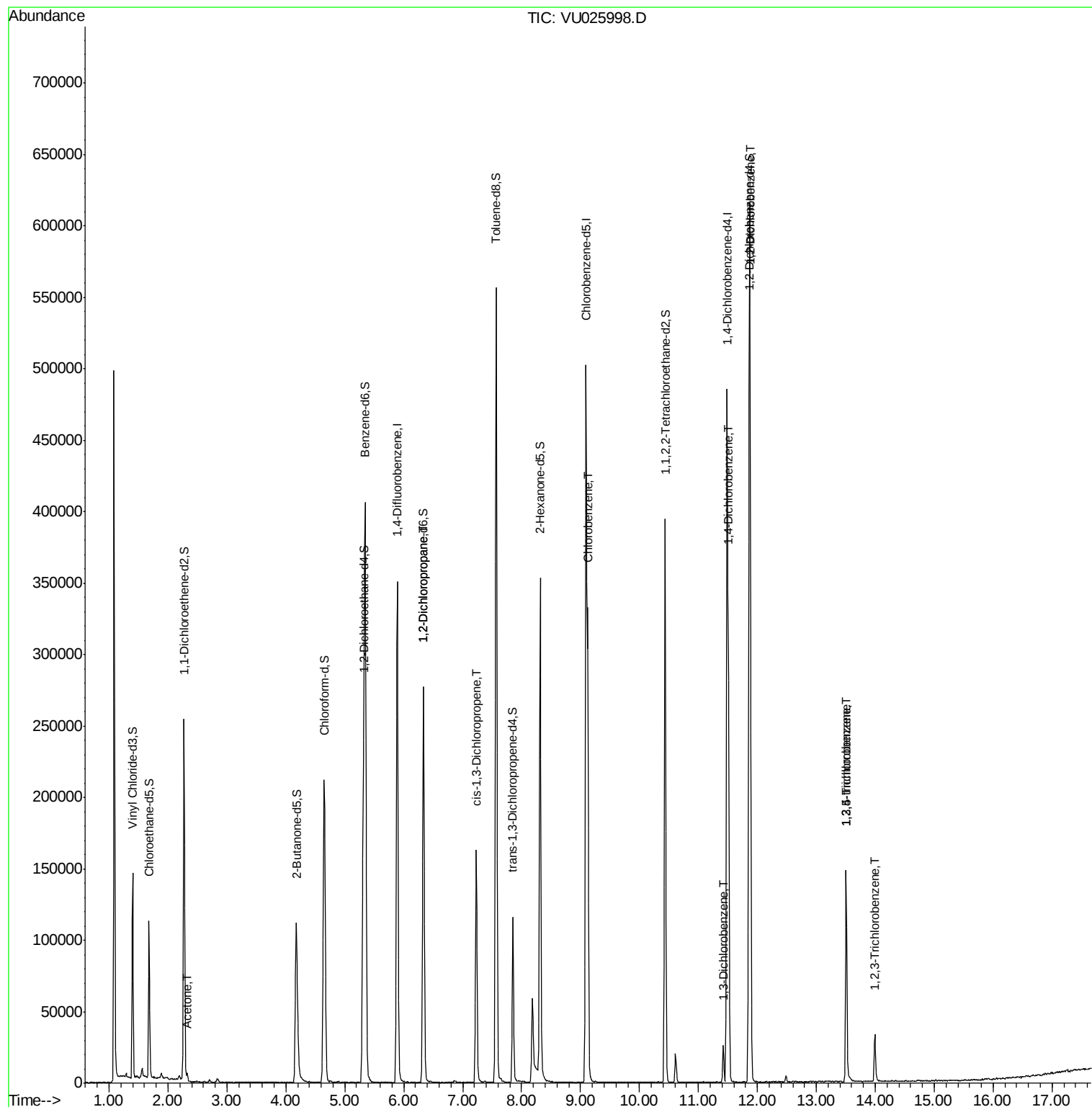
					Ovalue
13) Acetone	2.32	43	2974	2.669 ug/L	92
37) 1,2-Dichloropropane	6.33	63	15305	7.222 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4168	1.298 ug/L #	69
51) Chlorobenzene	9.12	112	166507	30.037 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	10504	2.755 ug/L	83
63) 1,4-Dichlorobenzene	11.51	146	98853	24.734 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	106490	26.241 ug/L	96
67) 1,3,5-Trichlorobenzene	13.51	180	49631	17.418 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	49631	20.597 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	12041	4.649 ug/L	97

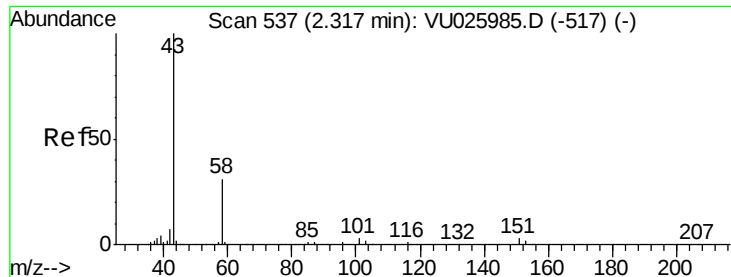
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.669 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025998.D

Acq: 09 Aug 2018 15:59

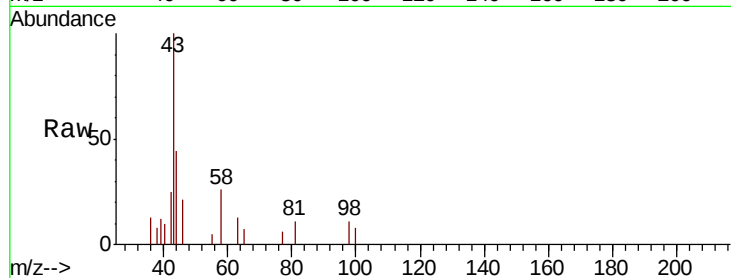
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2974

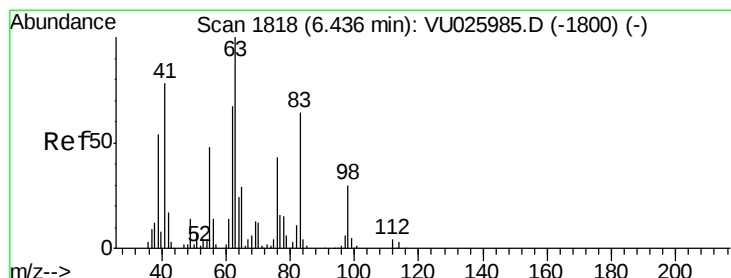
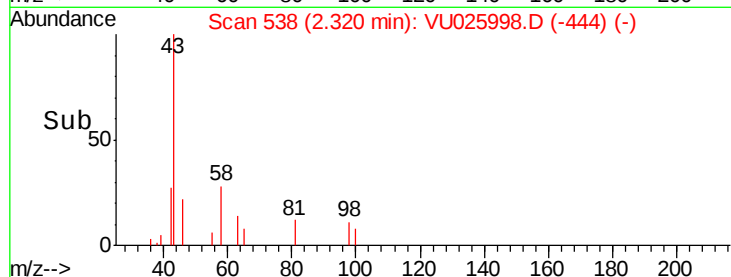
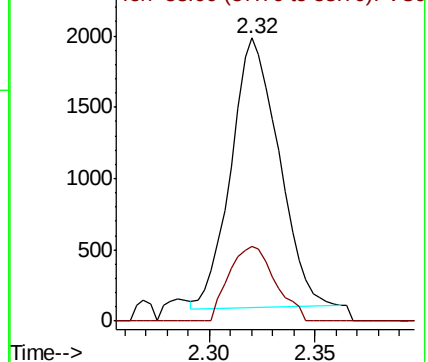
Ion Ratio Lower Upper

43 100

58 26.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 7.222 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025998.D

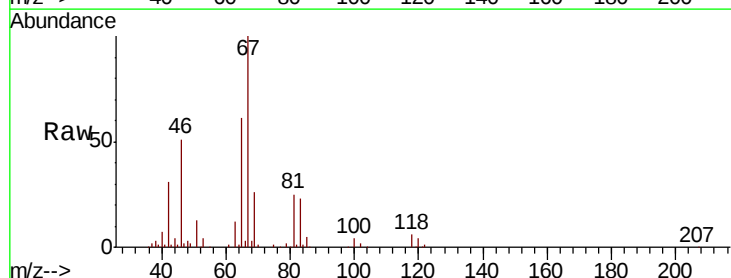
Acq: 09 Aug 2018 15:59

Tgt Ion: 63 Resp: 15305

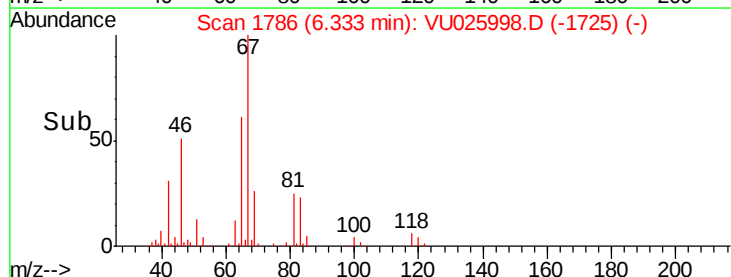
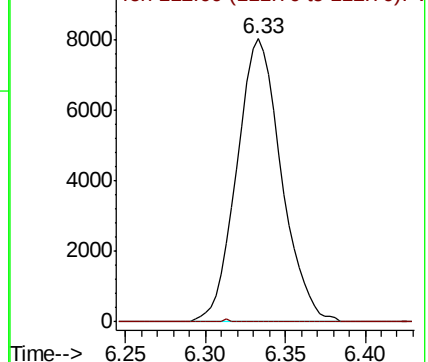
Ion Ratio Lower Upper

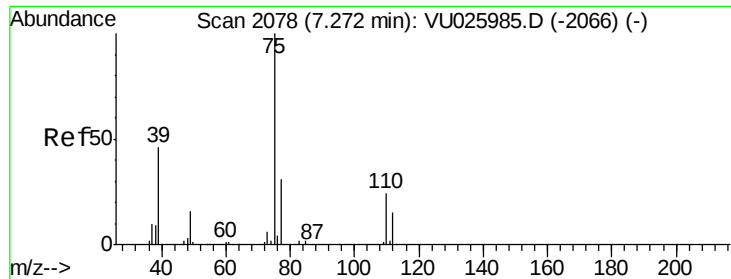
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



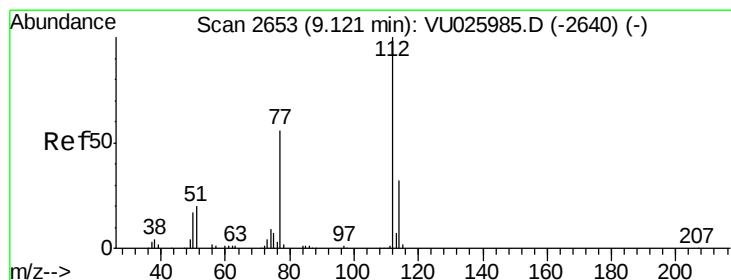
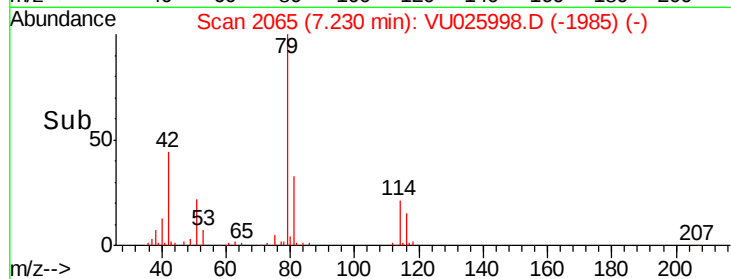
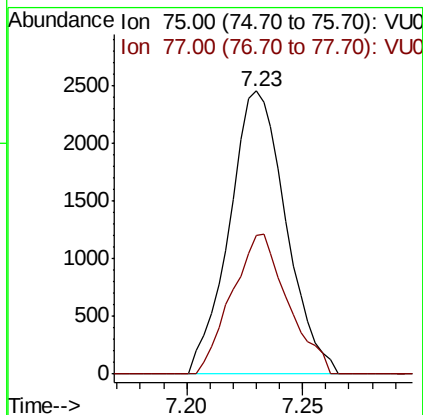
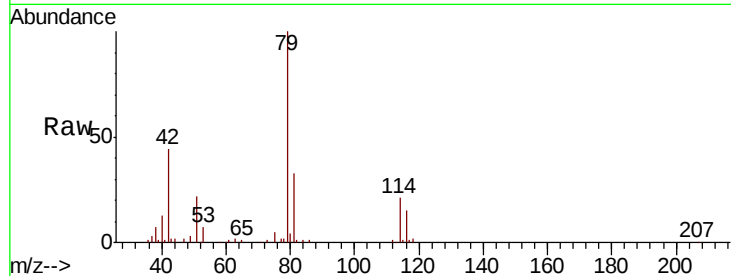


#39

cis-1,3-Dichloropropene
Concen: 1.298 ug/L
RT: 7.23 min Scan# 2065
Delta R.T. -0.04 min
Lab File: VU025998.D
Acq: 09 Aug 2018 15:59

Instrument :
MSVOA_U
ClientSampled :

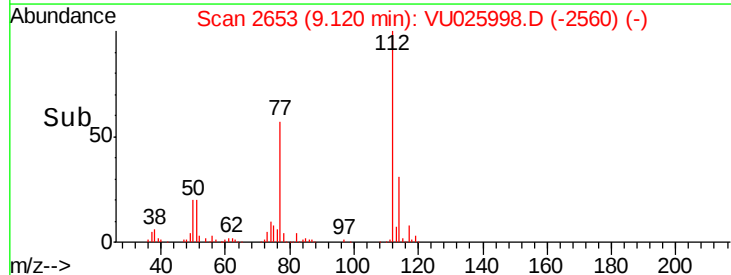
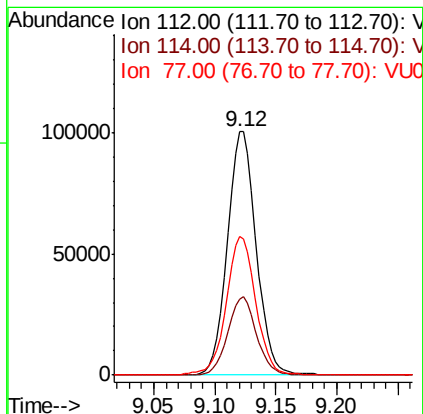
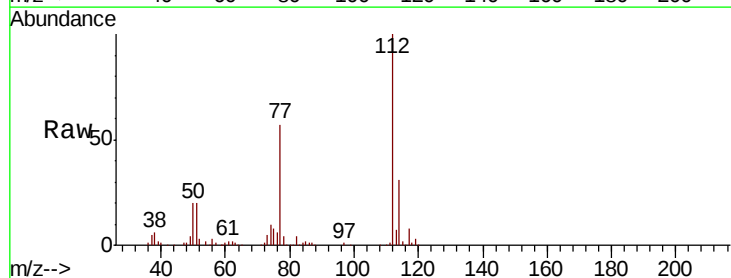
Tot Ion: 75 Resp: 4168
Ion Ratio Lower Upper
75 100
77 49.0 22.1 41.1#

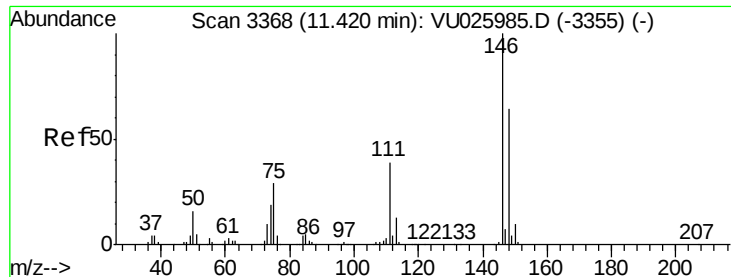


#51

Chlorobenzene
Concen: 30.037 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025998.D
Acq: 09 Aug 2018 15:59

Tgt Ion: 112 Resp: 166507
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.3
77 56.8 45.2 67.8





#62

1,3-Dichlorobenzene

Concen: 2.755 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025998.D

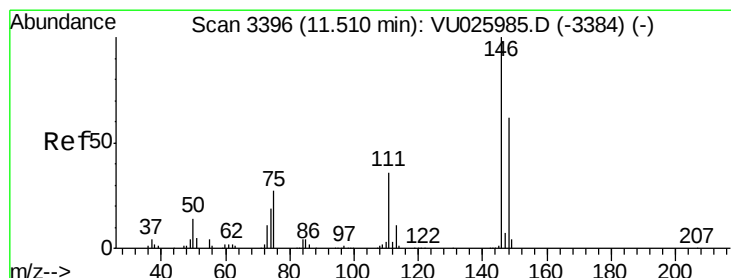
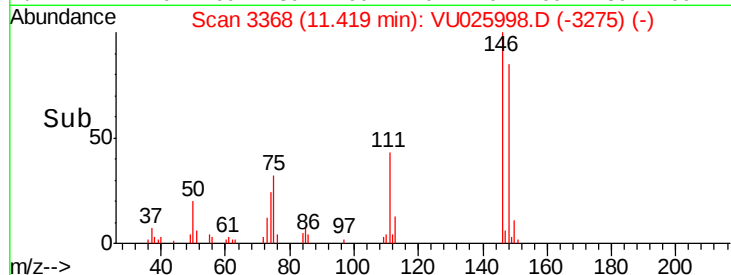
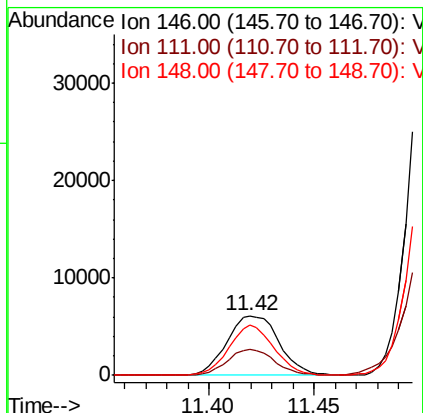
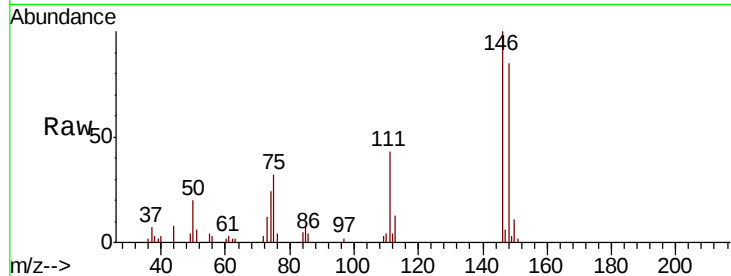
Acq: 09 Aug 2018 15:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146	Resp:	10504
Ion	Ratio	Lower Upper
146	100	
111	43.3	27.9 51.9
148	85.0	46.0 85.4



#63

1,4-Dichlorobenzene

Concen: 24.734 ug/L

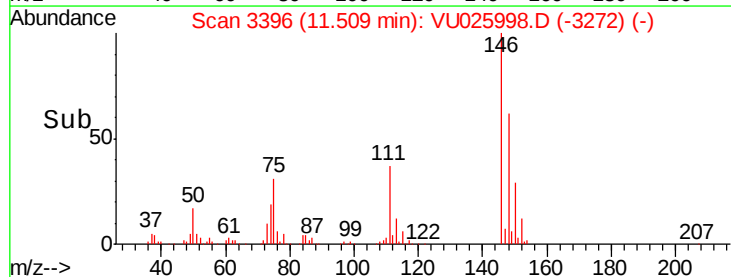
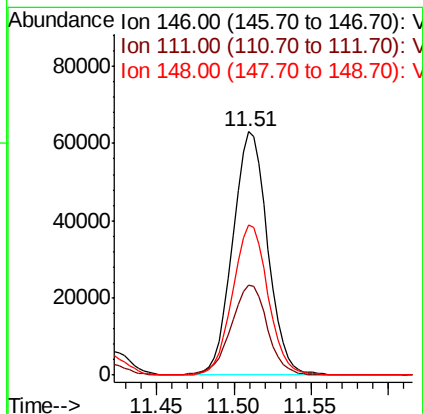
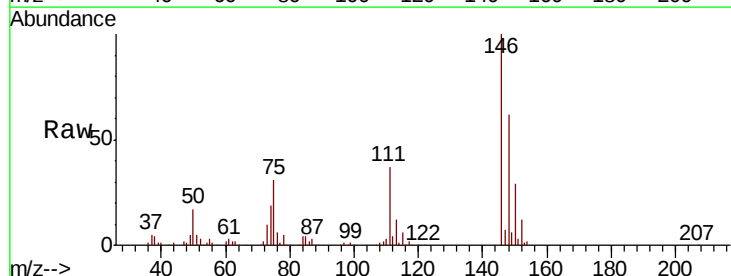
RT: 11.51 min Scan# 3396

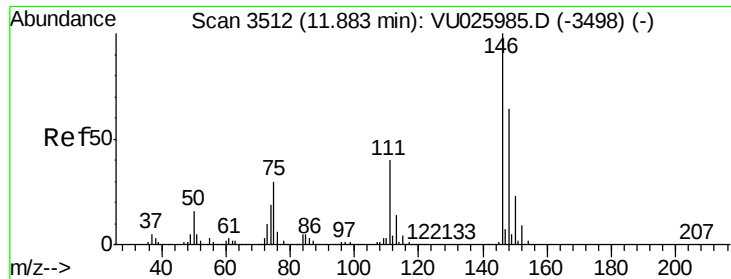
Delta R.T. -0.00 min

Lab File: VU025998.D

Acq: 09 Aug 2018 15:59

Tgt Ion:146	Resp:	98853
Ion	Ratio	Lower Upper
146	100	
111	37.1	26.4 49.0
148	61.5	43.8 81.4

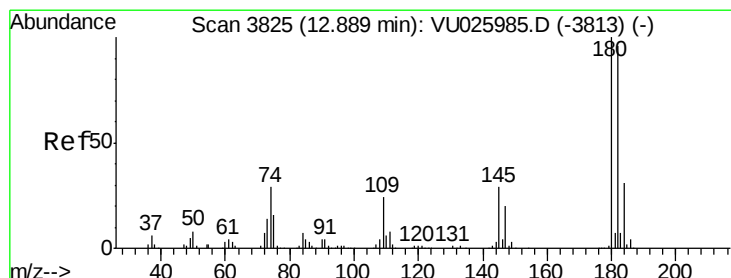
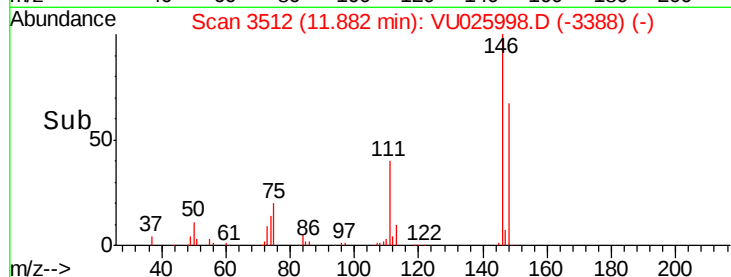
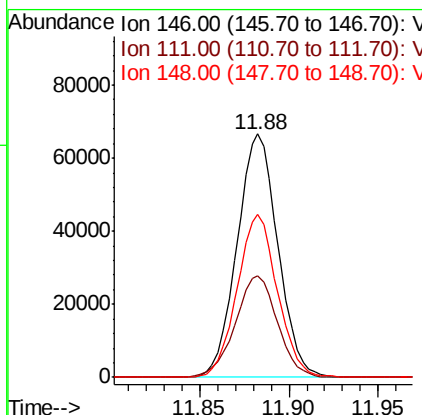
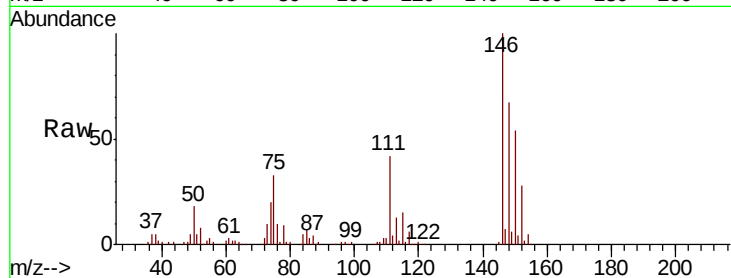




#65
 1,2-Dichlorobenzene
 Concen: 26.241 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025998.D
 Acq: 09 Aug 2018 15:59

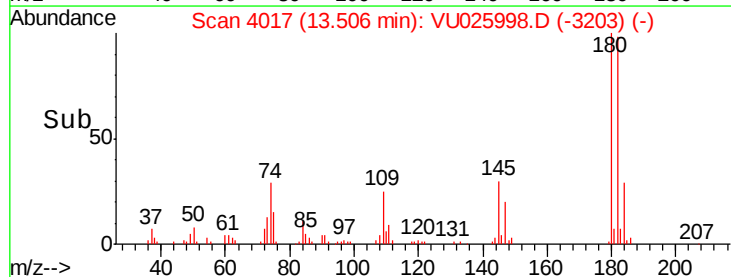
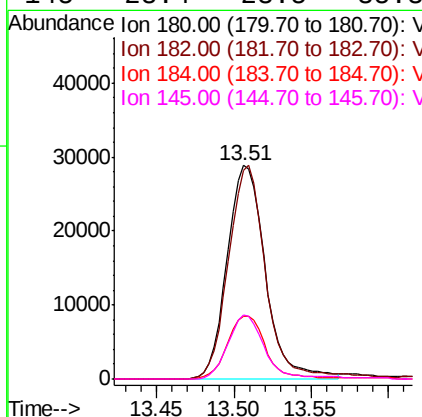
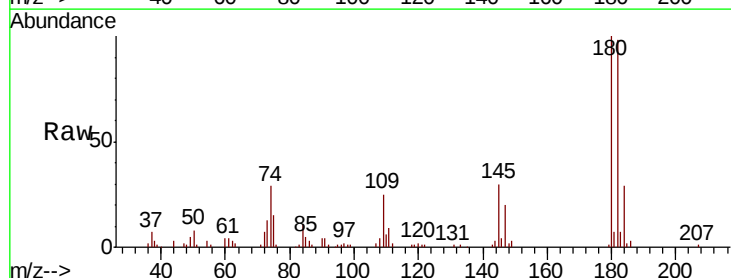
Instrument :
 MSVOA_U
 ClientSampleId :

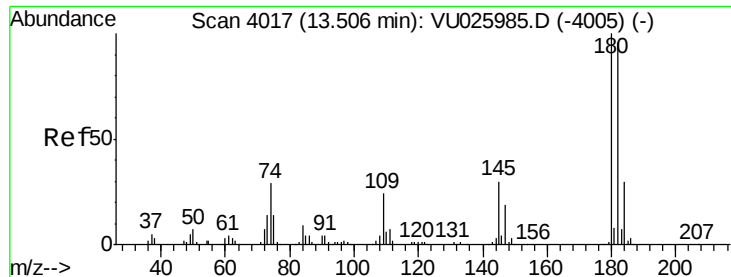
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.4	48.6
148	66.9	50.1	75.1



#67
 1,3,5-Trichlorobenzene
 Concen: 17.418 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU025998.D
 Acq: 09 Aug 2018 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.5	114.7
184	29.4	24.3	36.5
145	28.4	23.5	35.3

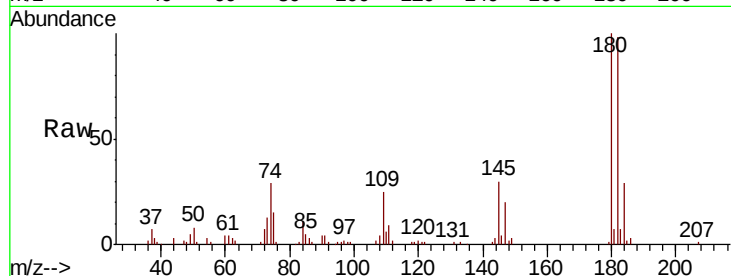




#68
 1,2,4-trichlorobenzene
 Concen: 20.597 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025998.D
 Acq: 09 Aug 2018 15:59

Instrument :
 MSVOA_U
 ClientSampleId :

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

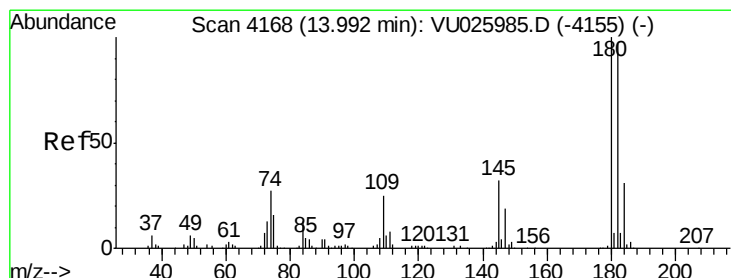
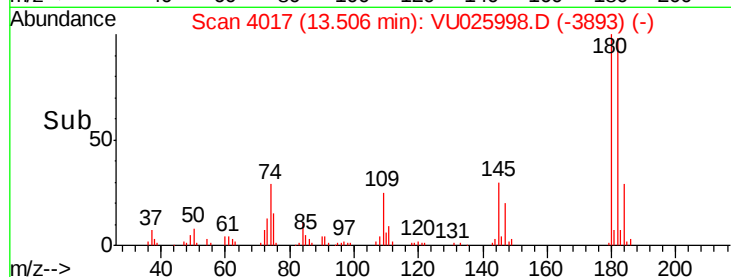
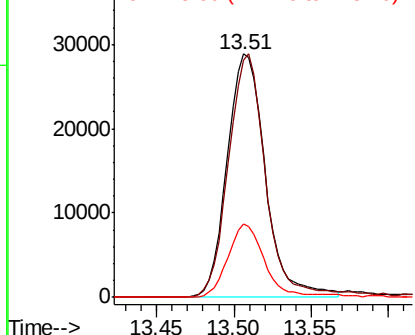


Abundance

Ion 180.00 (179.70 to 180.70): V

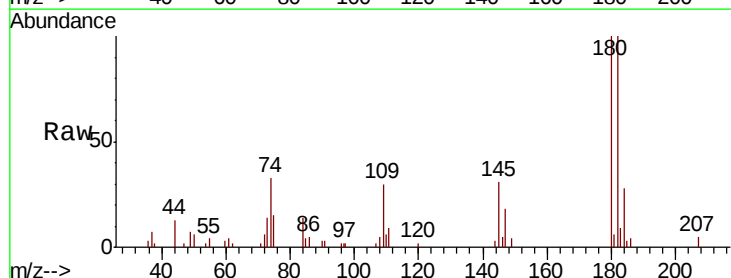
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 4.649 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	Ratio	Lower	Upper
180	100		
182	98.8	76.5	114.7
145	31.8	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

