

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037218.D
 Acq On : 13 Mar 2020 02:52
 Operator : JC/MD
 Sample : L1886-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:31:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	399188	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	393581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135510	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.72%
7) Chloroethane-d5	1.93	69	114600	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.02%
11) 1,1-Dichloroethene-d2	2.59	63	203686	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.67	46	257965	105.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.51%
24) Chloroform-d	5.11	84	280586	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.74	65	215722	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.76	84	515998	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.72	67	170160	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.96%
41) Toluene-d8	7.92	98	476155	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%
43) trans-1,3-Dichloropropene-	8.20	79	85812	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.66	63	176954	96.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.37%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	253716	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	12.21	152	180693	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

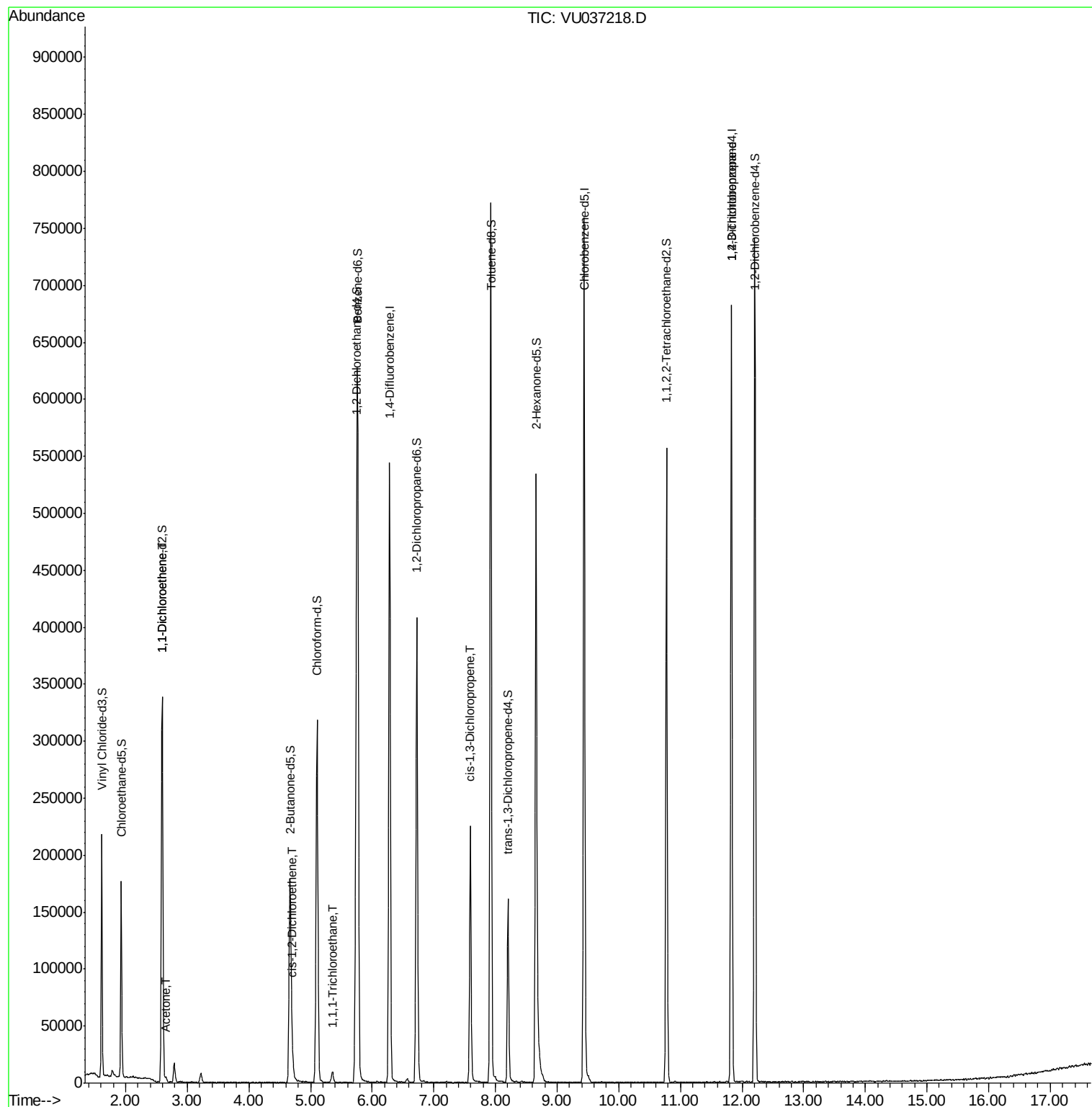
					Ovalue
12) 1,1-Dichloroethene	2.60	96	15889	6.745 ug/L #	1
13) Acetone	2.66	43	4520	1.949 ug/L	87
20) cis-1,2-Dichloroethene	4.71	96	6429	2.153 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	6651	1.273 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	6973	1.364 ug/L #	79
59) 1,2,3-Trichloropropane	11.83	75	23020	5.022 ug/L	90

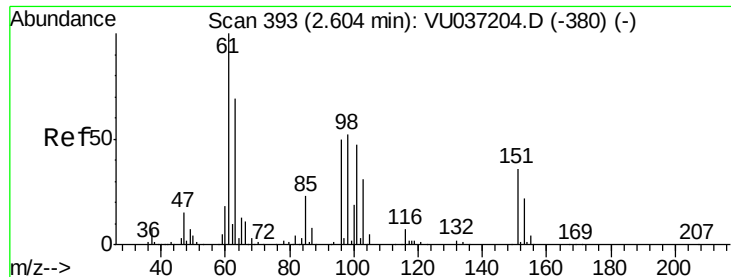
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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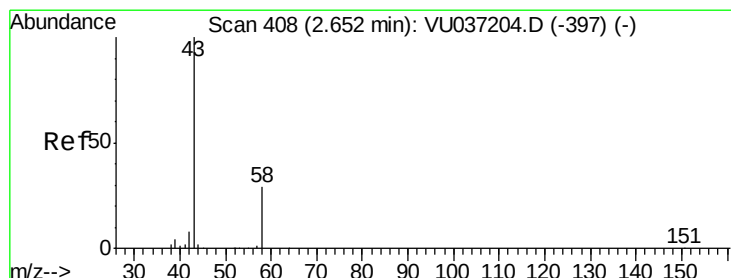
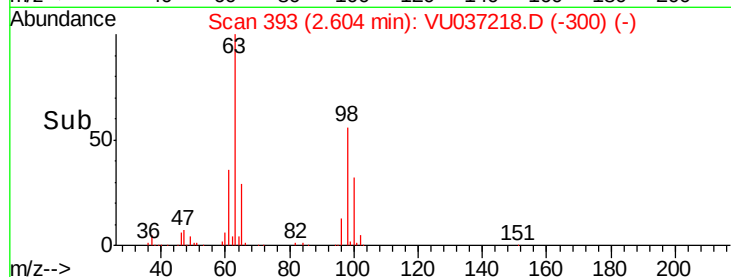
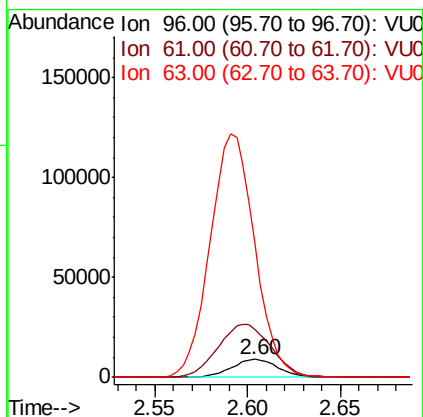
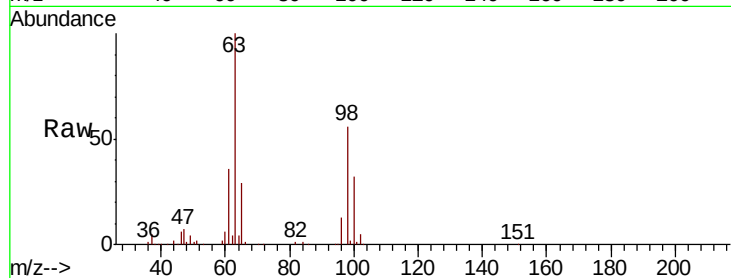




#12
 1,1-Dichloroethene
 Concen: 6.745 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU037218.D
 Acq: 13 Mar 2020 02:52

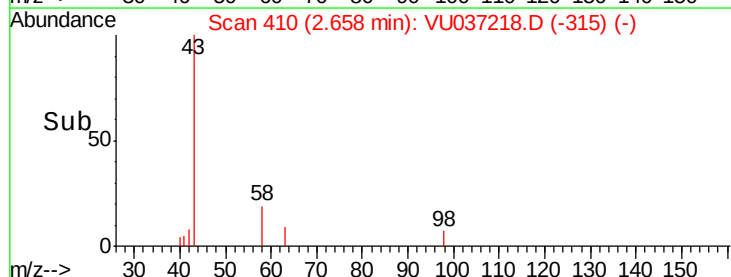
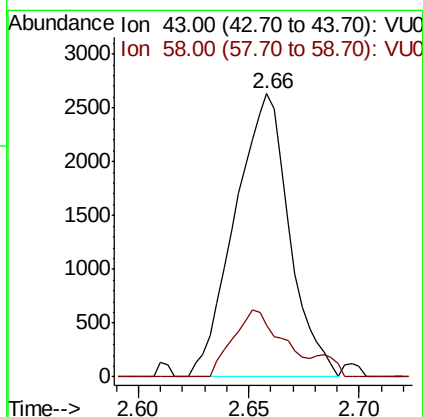
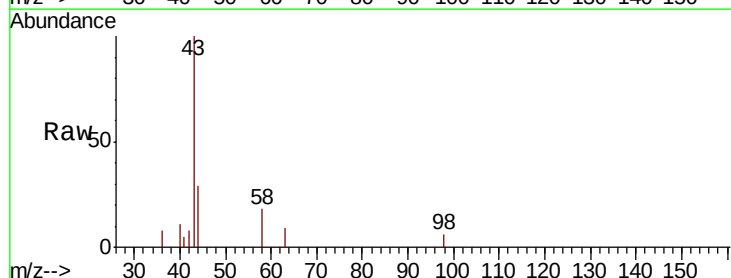
Instrument :
 MSVOA_U
 ClientSampleId :

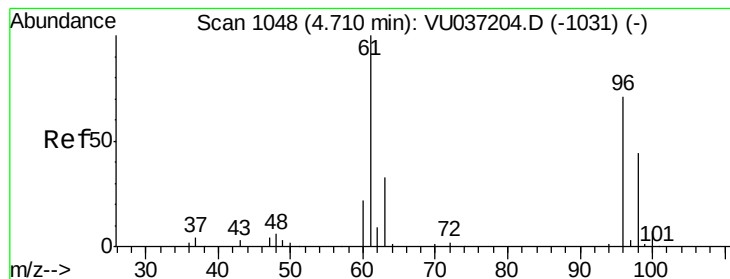
Tot Ion: 96 Resp: 15889
 Ion Ratio Lower Upper
 96 100
 61 271.4 138.8 257.8#
 63 748.8 106.4 197.6#



#13
 Acetone
 Concen: 1.949 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VU037218.D
 Acq: 13 Mar 2020 02:52

Tgt Ion: 43 Resp: 4520
 Ion Ratio Lower Upper
 43 100
 58 21.7 0.0 57.2





#20

cis-1,2-Dichloroethene

Concen: 2.153 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037218.D

Acq: 13 Mar 2020 02:52

Instrument :
MSVOA_U
ClientSampleId :

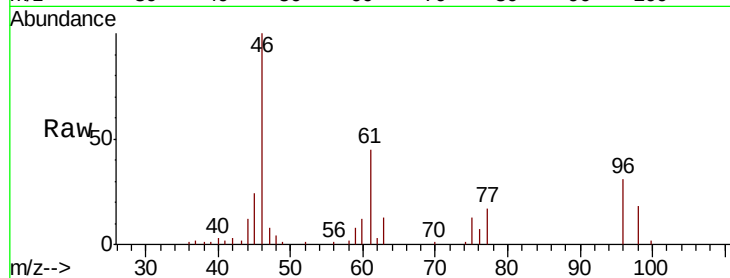
Tot Ion: 96 Resp: 6429

Ion Ratio Lower Upper

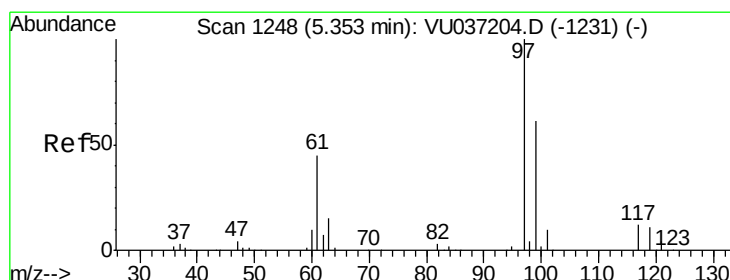
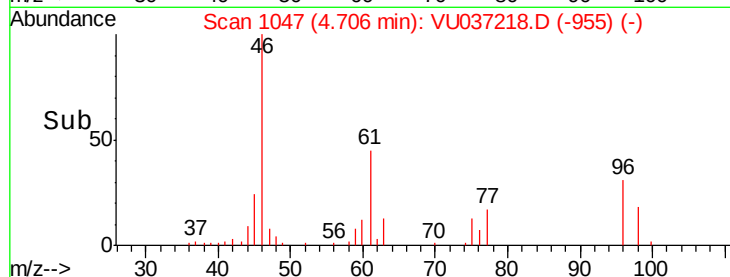
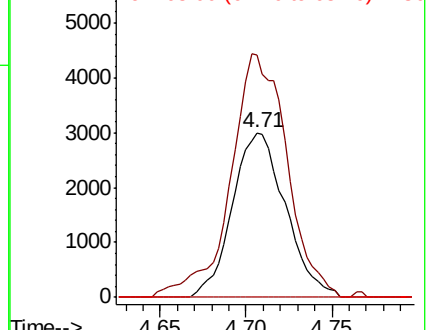
96 100

61 147.6 101.2 187.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#30

1,1,1-Trichloroethane

Concen: 1.273 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU037218.D

Acq: 13 Mar 2020 02:52

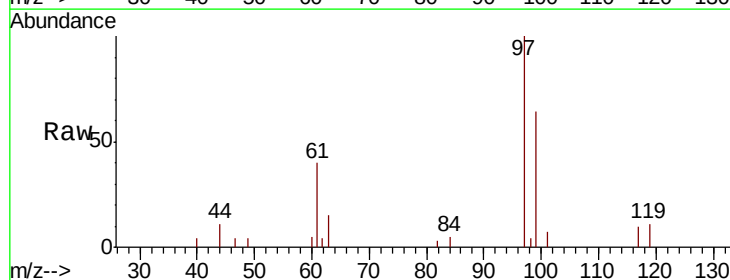
Tgt Ion: 97 Resp: 6651

Ion Ratio Lower Upper

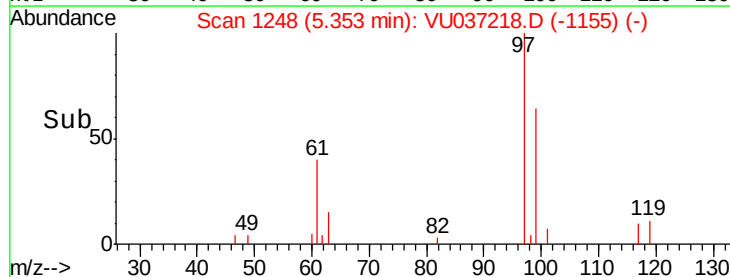
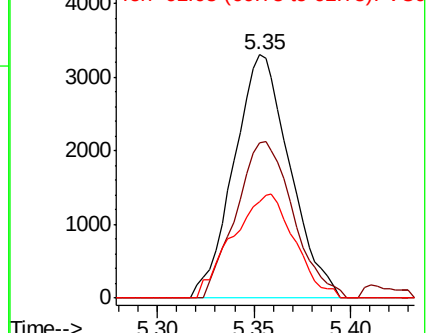
97 100

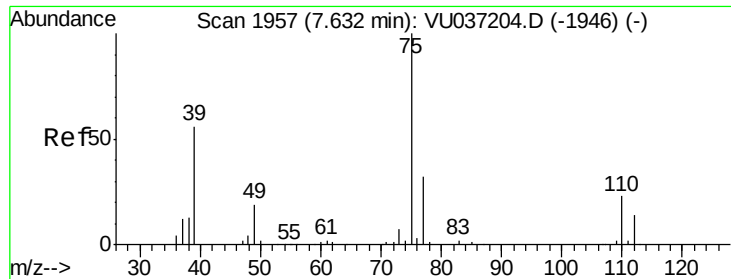
99 65.6 51.4 77.0

61 47.0 39.0 58.4



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

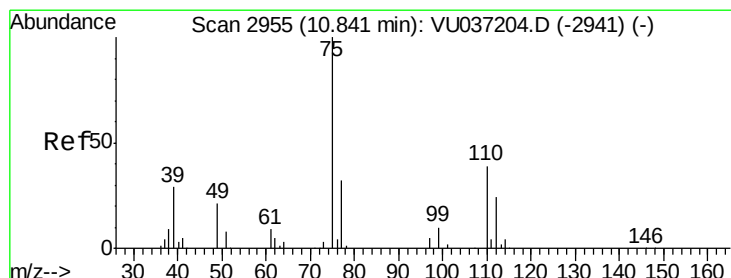
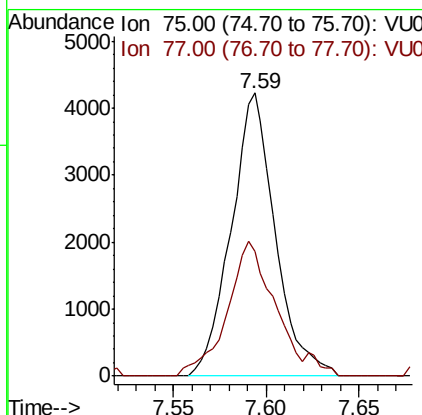
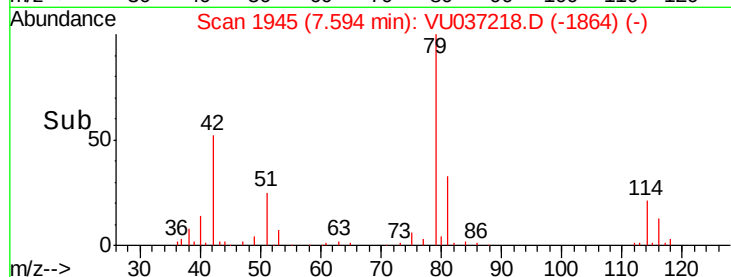
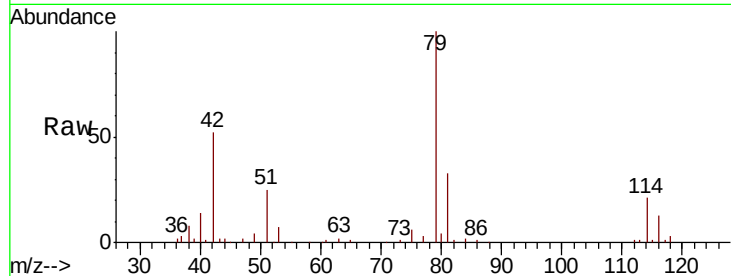




#39
 cis-1,3-Dichloropropene
 Concen: 1.364 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037218.D
 Acq: 13 Mar 2020 02:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6973
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.022 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037218.D
 Acq: 13 Mar 2020 02:52

Tgt Ion: 75 Resp: 23020
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.0 37.6

