

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037438.D
 Acq On : 29 Mar 2020 00:46
 Operator : JC/MD
 Sample : VU0328WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:14:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	101473	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	94024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33655	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.93	69	28886	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	49285	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	112123	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	5.10	84	69342	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	41582	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.76	84	134592	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	46083	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.92	98	118273	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	20223	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.66	63	97258	57.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37743	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	44254	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

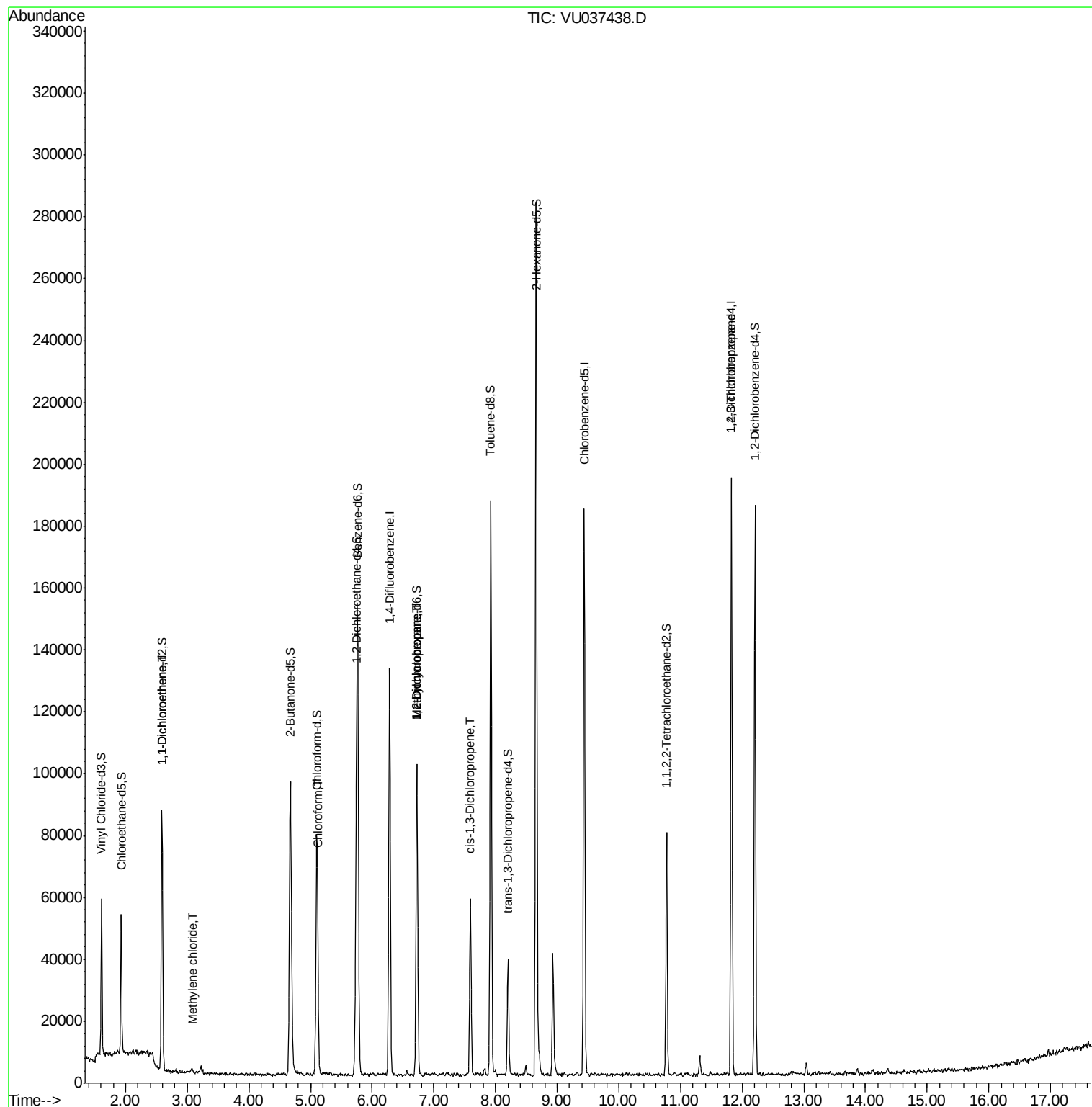
					Ovalue
12) 1,1-Dichloroethene	2.59	96	412	0.062 ug/L #	1
16) Methylene chloride	3.08	84	1006	0.135 ug/L	82
25) Chloroform	5.12	83	2383	0.174 ug/L	81
35) Methylcyclohexane	6.73	83	11013	0.877 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	5223	0.726 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1648	0.140 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	6617	1.322 ug/L	88

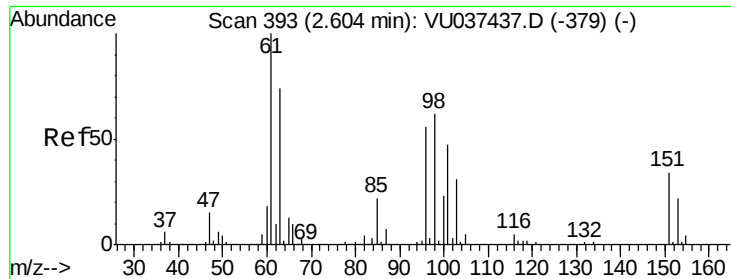
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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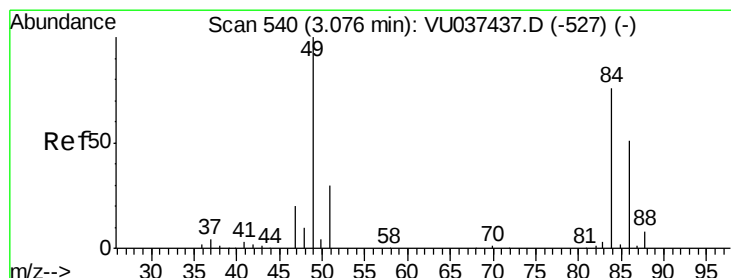
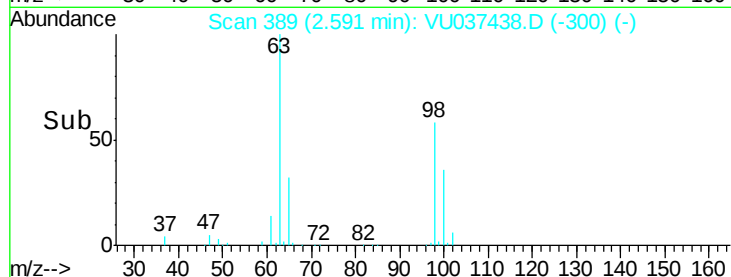
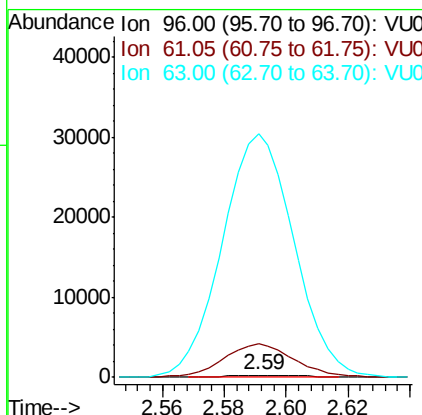
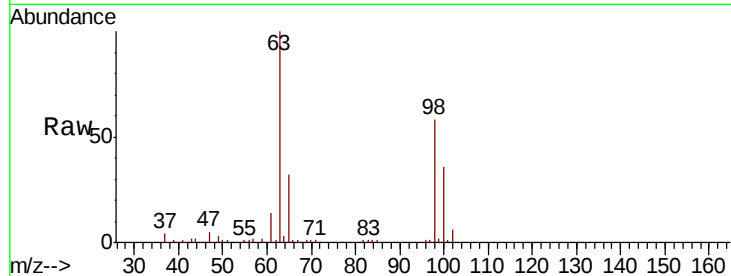




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU037438.D
 Acq: 29 Mar 2020 00:46

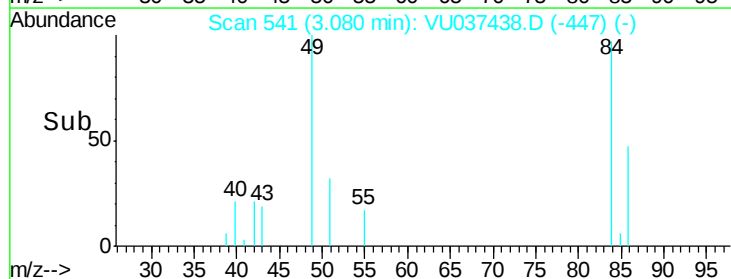
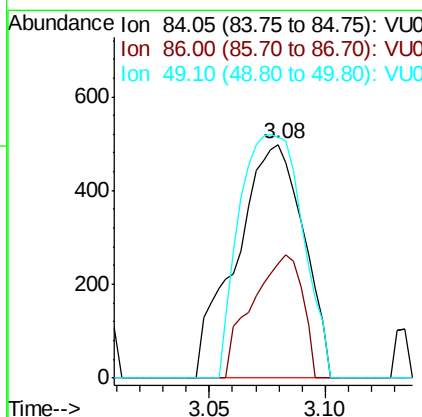
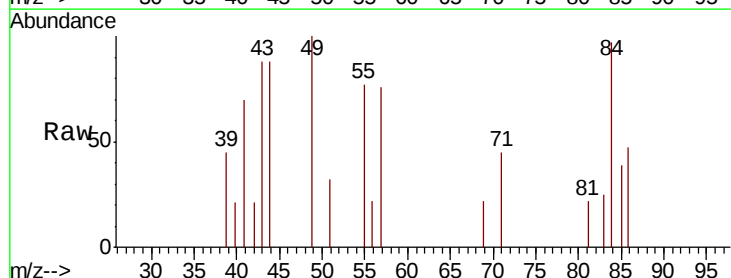
Instrument :
 MSVOA_U
 ClientSampled :

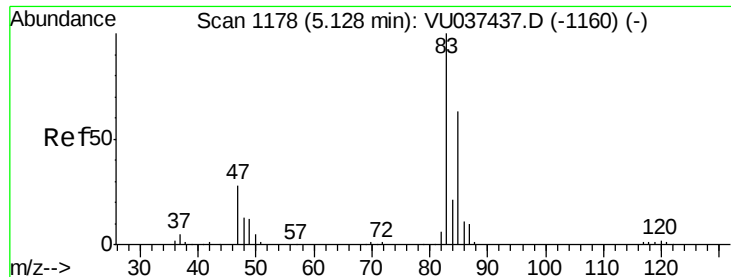
Tot Ion: 96 Resp: 412
 Ion Ratio Lower Upper
 96 100
 61 1542.4 125.4 232.8#
 63 11316.0 90.9 168.7#



#16
 Methylene chloride
 Concen: 0.135 ug/L
 RT: 3.08 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VU037438.D
 Acq: 29 Mar 2020 00:46

Tgt Ion: 84 Resp: 1006
 Ion Ratio Lower Upper
 84 100
 86 48.8 43.6 81.0
 49 103.4 86.4 160.4

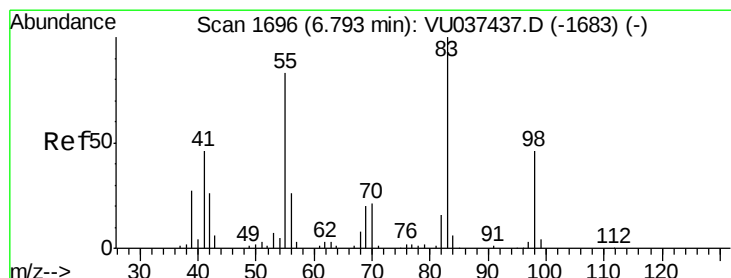
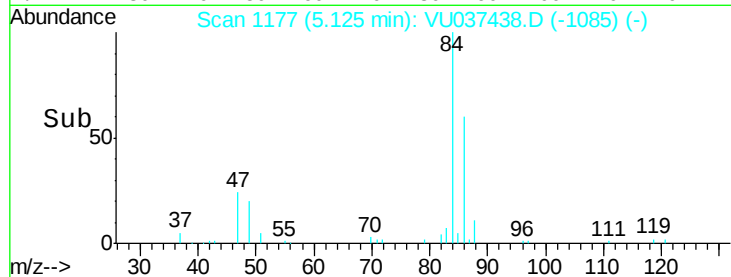
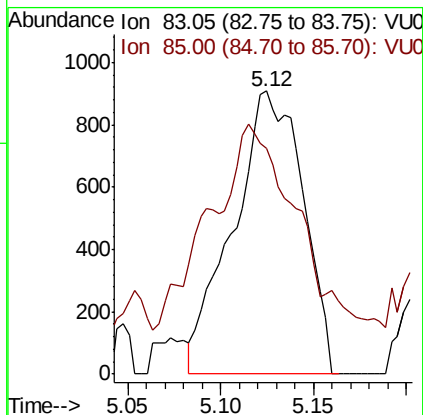
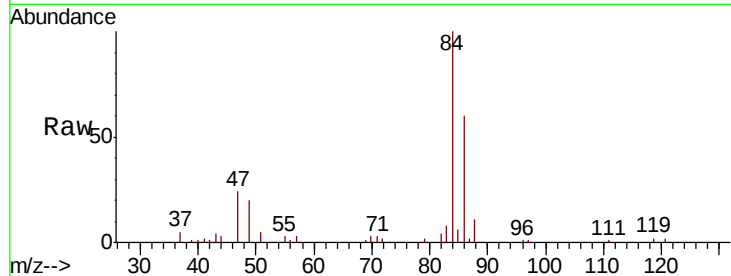




#25
Chloroform
Concen: 0.174 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037438.D
Acq: 29 Mar 2020 00:46

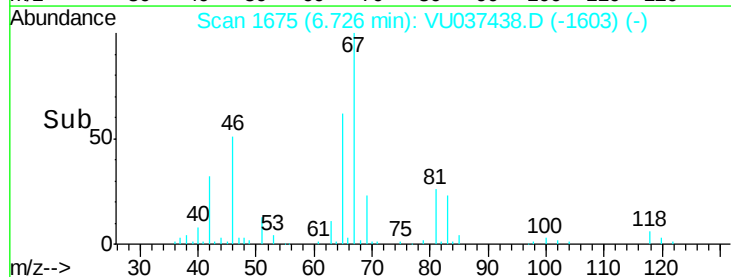
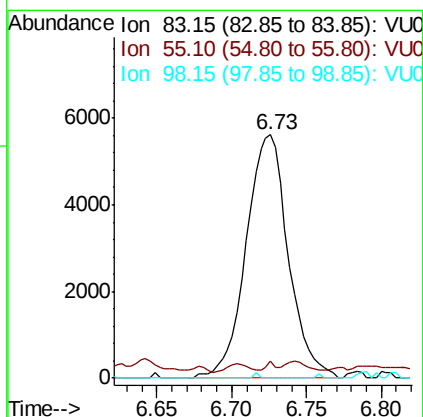
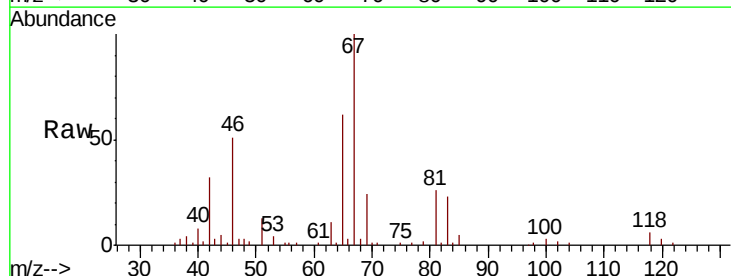
Instrument :
MSVOA_U
ClientSampleId :

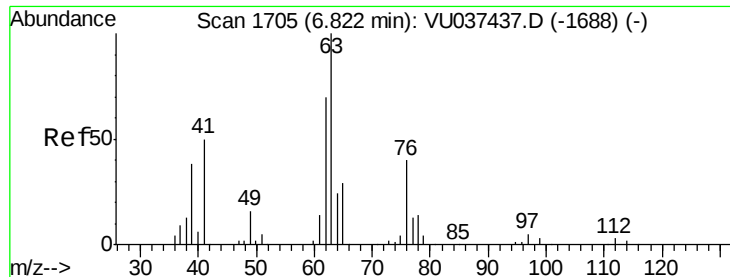
Tot Ion: 83 Resp: 2383
Ion Ratio Lower Upper
83 100
85 80.0 45.4 84.4



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037438.D
Acq: 29 Mar 2020 00:46

Tgt Ion: 83 Resp: 11013
Ion Ratio Lower Upper
83 100
55 0.7 64.2 96.4#
98 0.2 36.3 54.5#

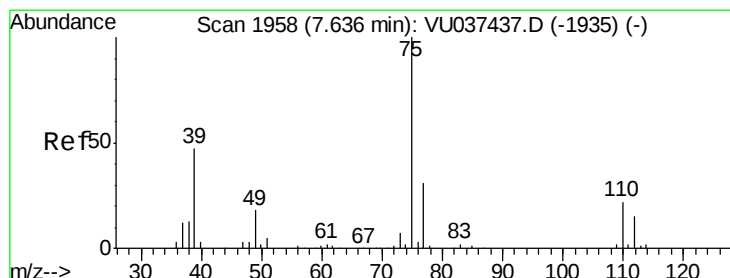
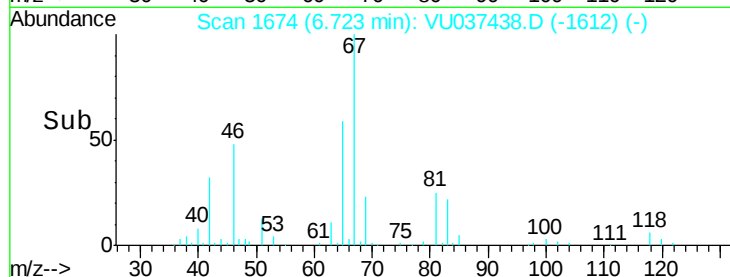
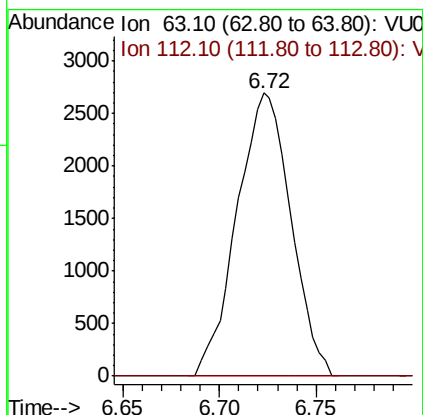
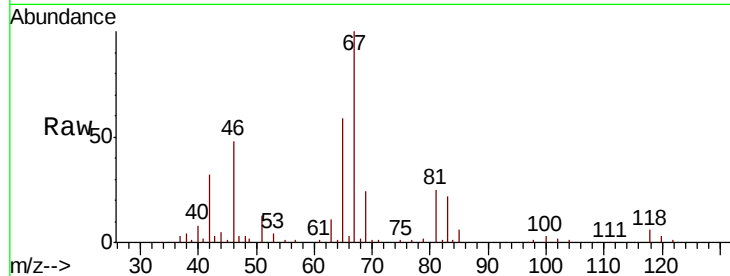




#37
 1,2-Dichloropropane
 Concen: 0.726 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037438.D
 Acq: 29 Mar 2020 00:46

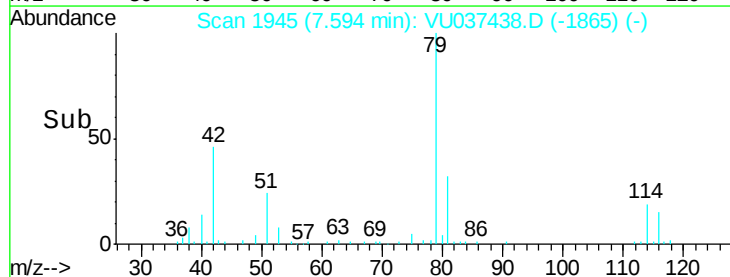
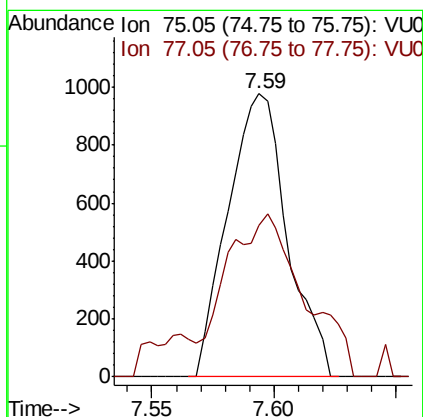
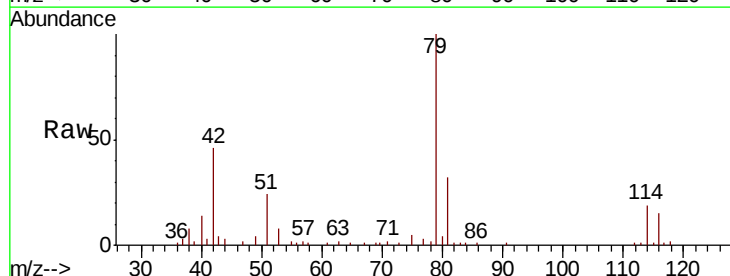
Instrument :
 MSVOA_U
 ClientSampleId :

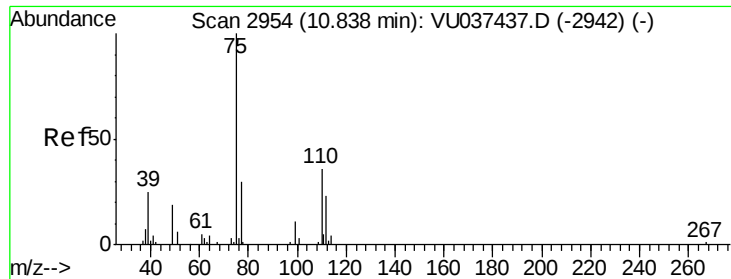
Tot Ion: 63 Resp: 5223
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.140 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037438.D
 Acq: 29 Mar 2020 00:46

Tgt Ion: 75 Resp: 1648
 Ion Ratio Lower Upper
 75 100
 77 53.6 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.322 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037438.D

Acq: 29 Mar 2020 00:46

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6617

Ion Ratio Lower Upper

75 100

77 41.2 27.4 41.2

