

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037766.D
 Acq On : 17 Apr 2020 11:19
 Operator : JC/MD
 Sample : VU0417WBL01
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 01:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105586	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	88958	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	137348	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	309170	53.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	5.10	84	165488	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	103018	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.76	84	374741	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.72	67	124967	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	345340	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	8.20	79	53409	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.65	63	270905	49.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93142	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	126204	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

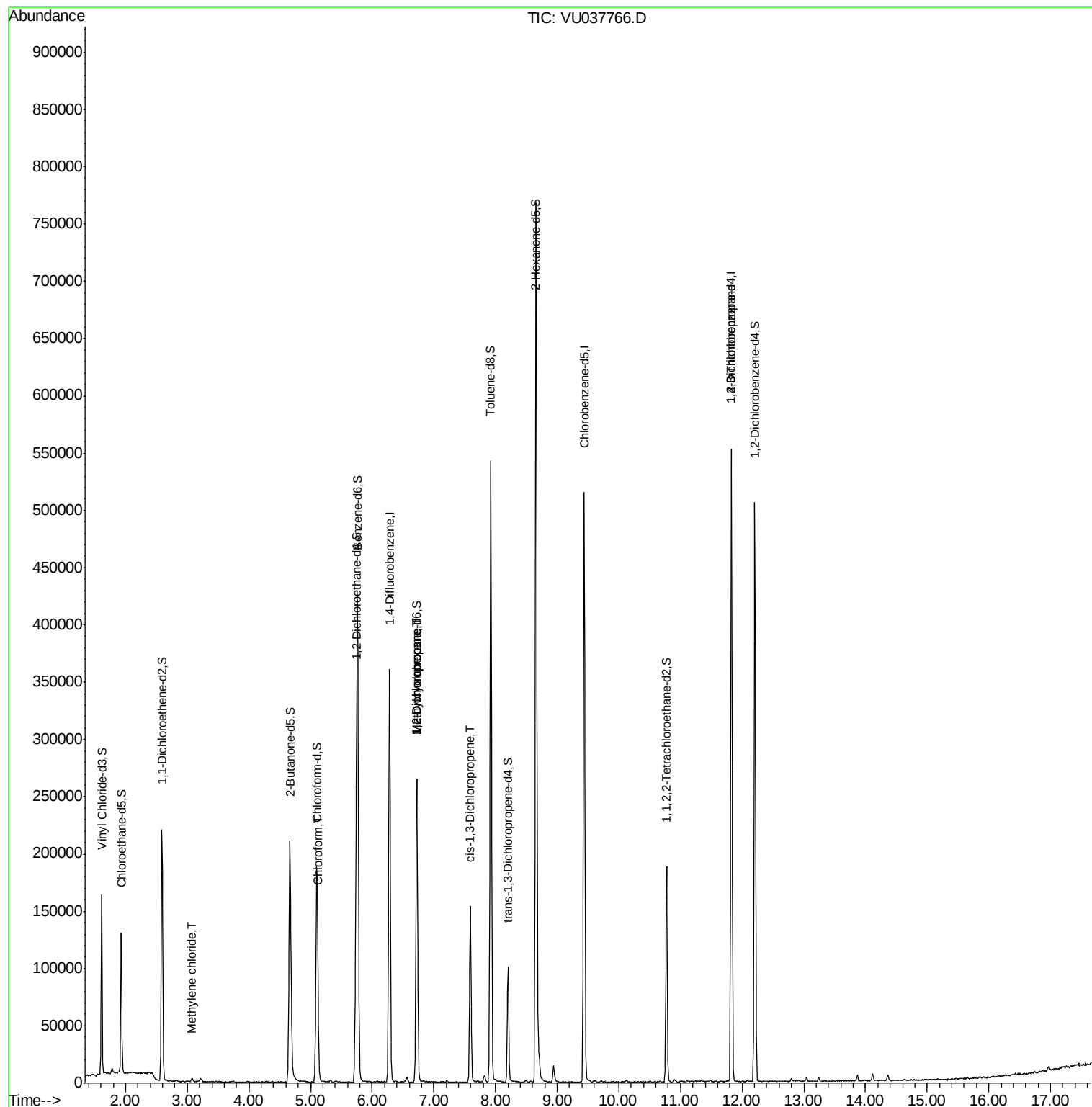
					Ovalue
16) Methylene chloride	3.08	84	1483	0.068 ug/L	98
25) Chloroform	5.12	83	9382	0.245 ug/L	92
35) Methylcyclohexane	6.72	83	27570	0.722 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13352	0.568 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3742	0.102 ug/L #	53
59) 1,2,3-Trichloropropane	11.83	75	18926	1.230 ug/L	90

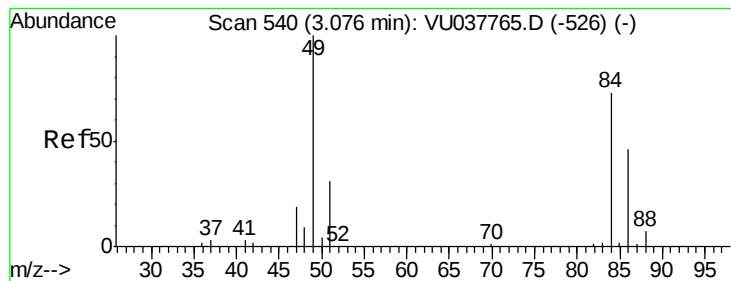
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.068 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037766.D

Acq: 17 Apr 2020 11:19

Instrument :

MSVOA_U

ClientSampled :

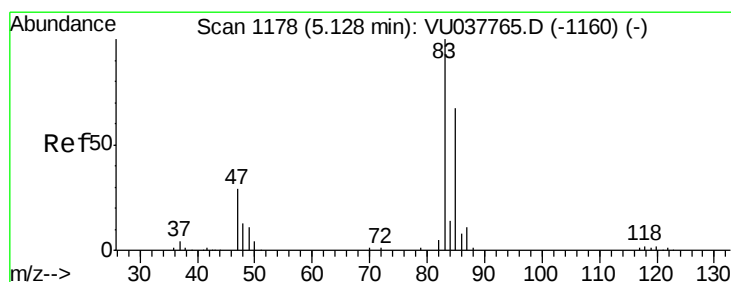
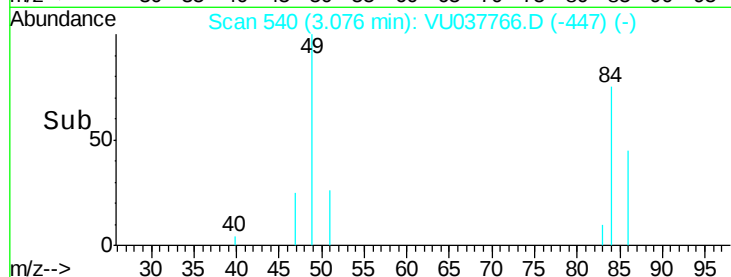
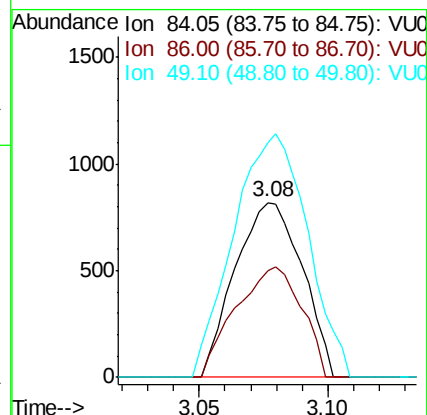
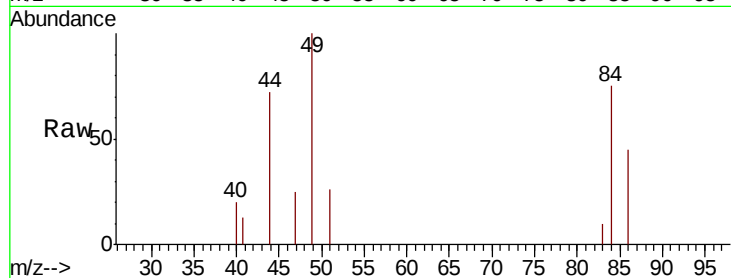
Tot Ion: 84 Resp: 1483

Ion Ratio Lower Upper

84 100

86 61.0 44.2 82.0

49 134.0 92.4 171.6



#25

Chloroform

Concen: 0.245 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037766.D

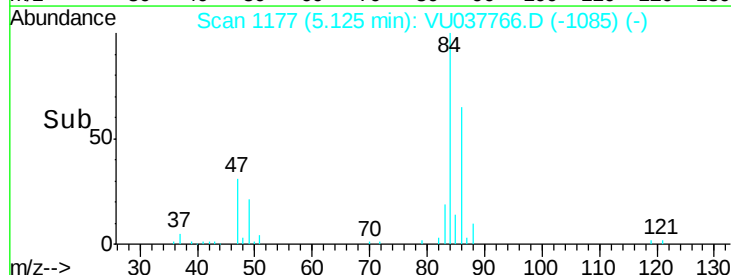
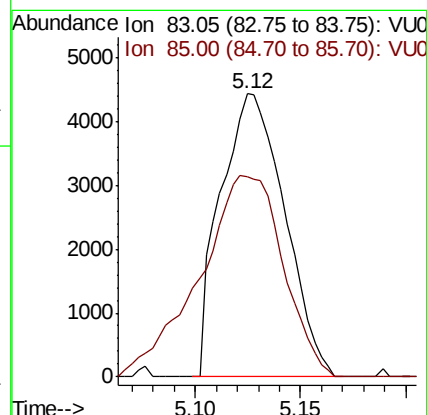
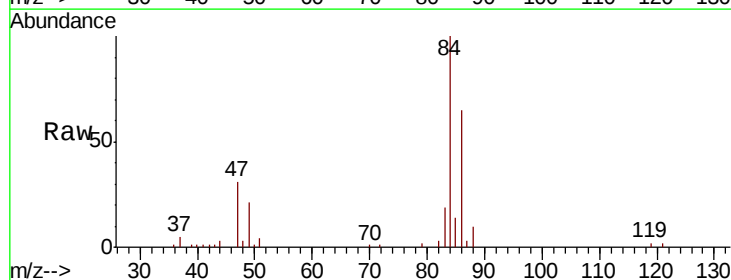
Acq: 17 Apr 2020 11:19

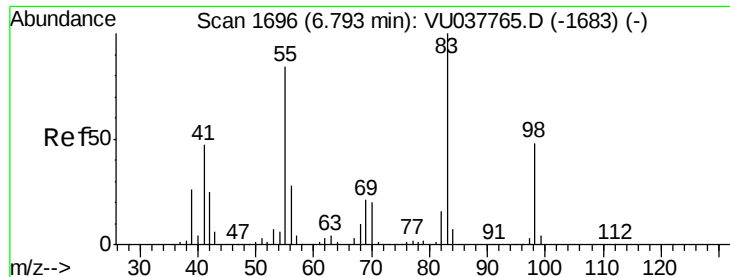
Tgt Ion: 83 Resp: 9382

Ion Ratio Lower Upper

83 100

85 70.7 44.9 83.3

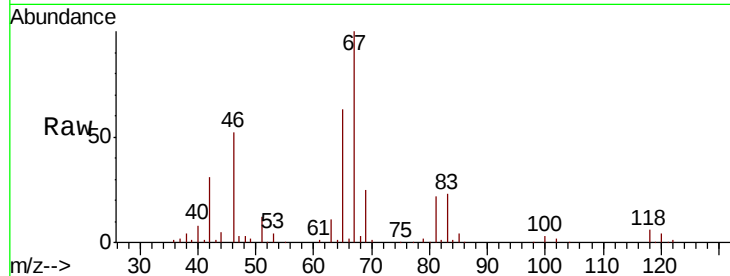




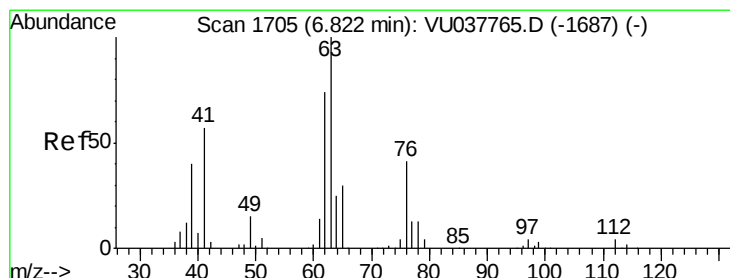
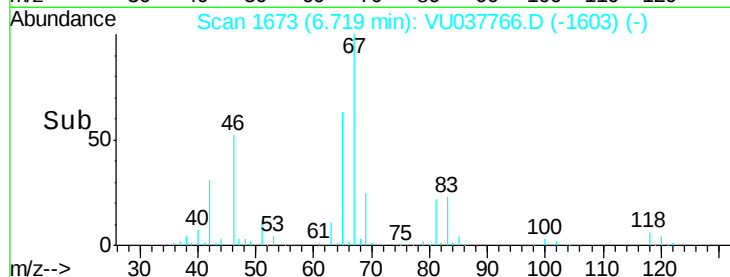
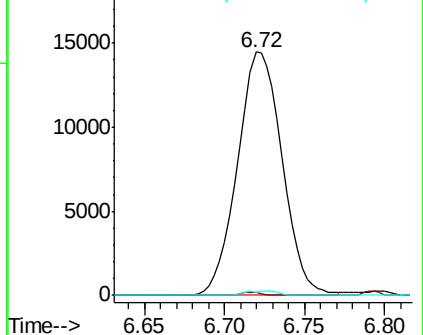
#35
Methvlcvclohexane
Concen: 0.722 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU037766.D
Acq: 17 Apr 2020 11:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27570
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 1.2 38.2 57.4#

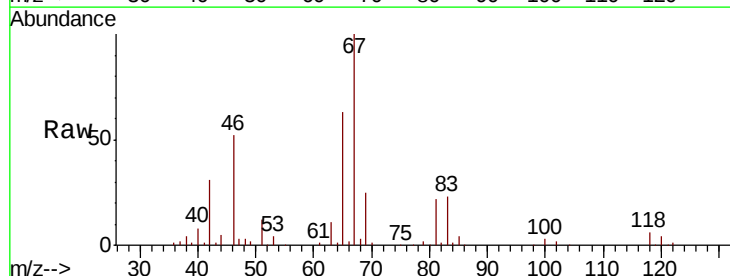


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

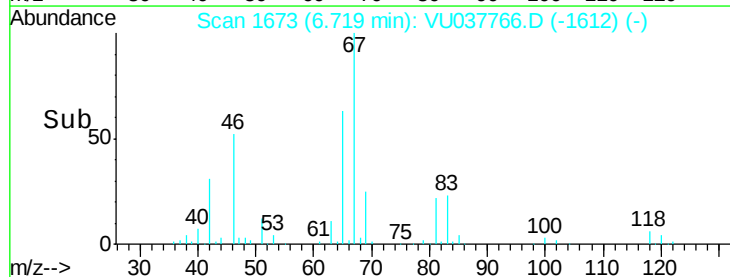
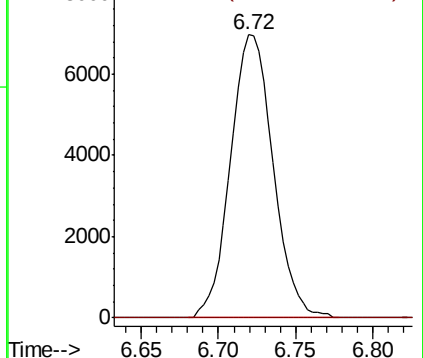


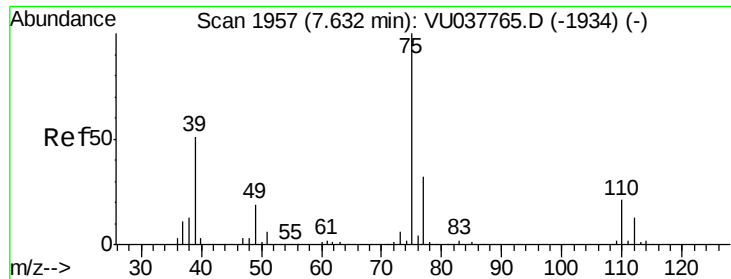
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037766.D
Acq: 17 Apr 2020 11:19

Tgt Ion: 63 Resp: 13352
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

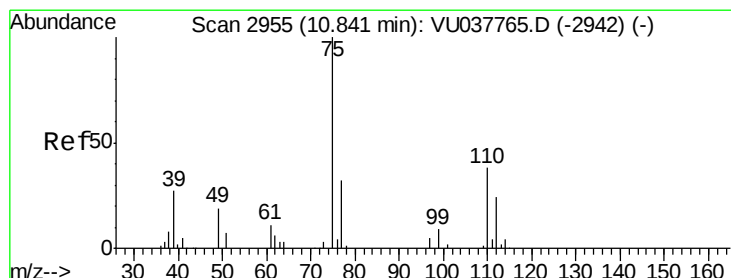
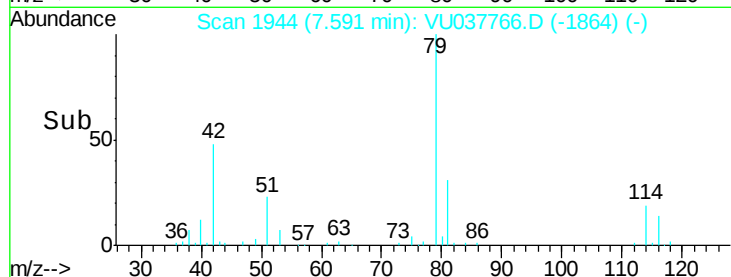
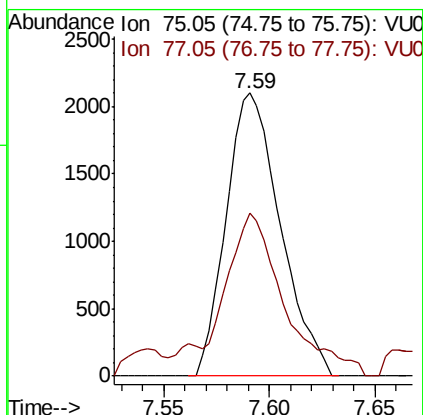
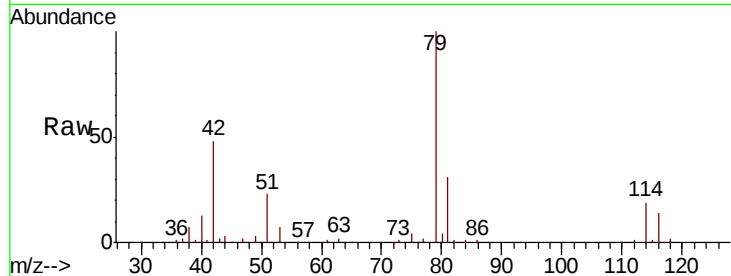




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037766.D
 Acq: 17 Apr 2020 11:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3742
 Ion Ratio Lower Upper
 75 100
 77 57.6 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.230 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037766.D
 Acq: 17 Apr 2020 11:19

Tgt Ion: 75 Resp: 18926
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.2

