

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037767.D
 Acq On : 17 Apr 2020 11:47
 Operator : JC/MD
 Sample : VU0417WBL01
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 01:22:07 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	266374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104130	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	91022	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	139583	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.67	46	318991	57.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	5.10	84	172478	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.74	65	104752	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.76	84	379603	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.72	67	125601	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.92	98	350889	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
43) trans-1,3-Dichloropropene-	8.20	79	55647	5.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.60%
46) 2-Hexanone-d5	8.66	63	291011	56.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95675	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	127173	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

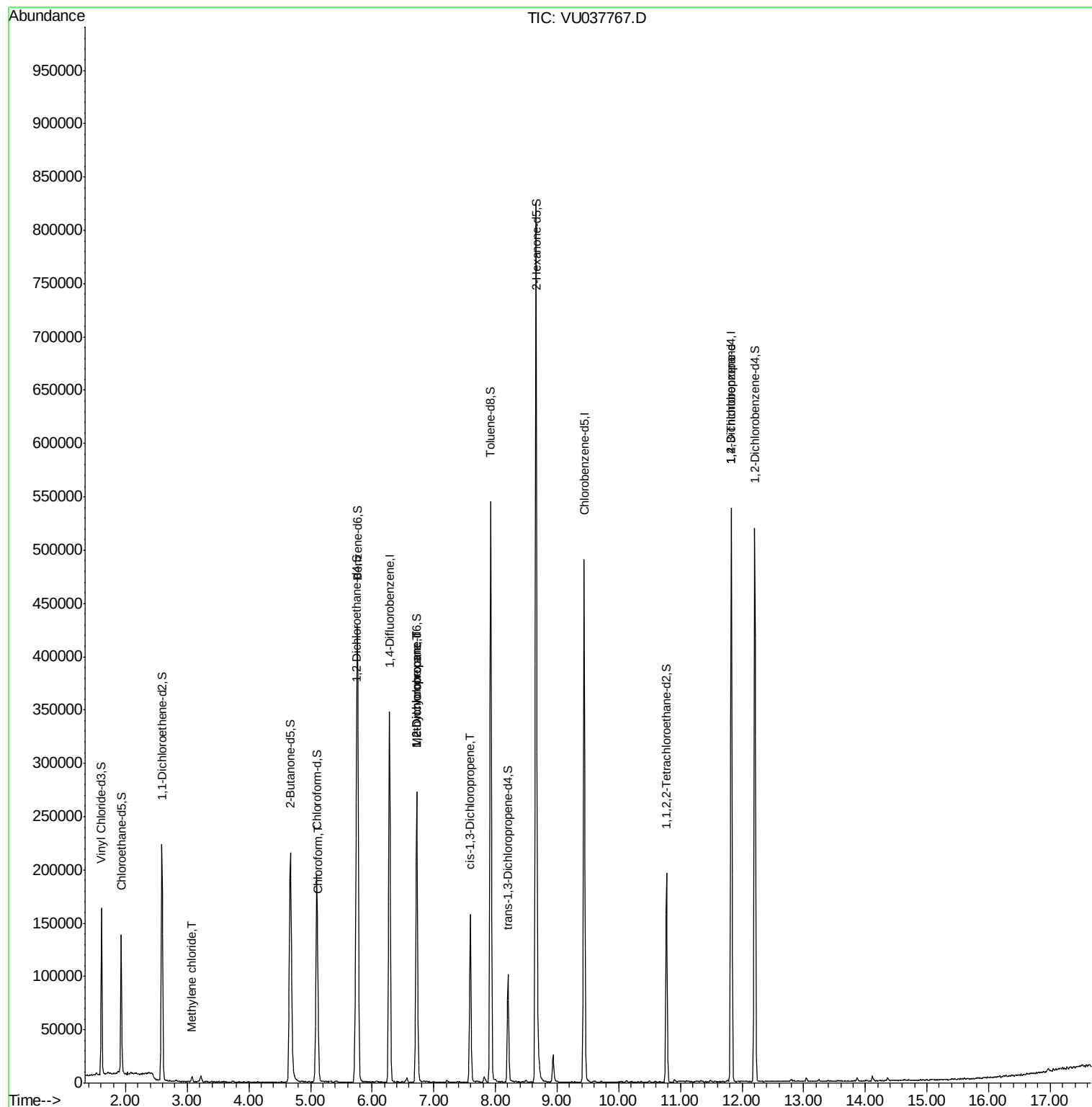
					Ovalue
16) Methylene chloride	3.08	84	1936	0.093 ug/L	90
25) Chloroform	5.12	83	7735	0.211 ug/L	92
35) Methylcyclohexane	6.72	83	28991	0.793 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13387	0.595 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3595	0.102 ug/L #	76
59) 1,2,3-Trichloropropane	11.83	75	17857	1.213 ug/L	91

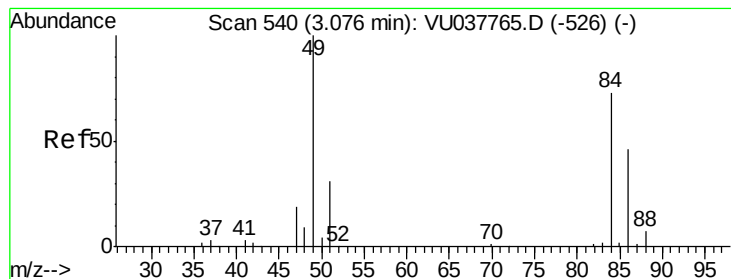
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.093 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037767.D

Acq: 17 Apr 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

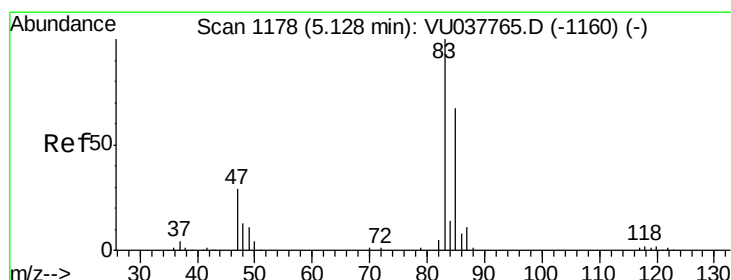
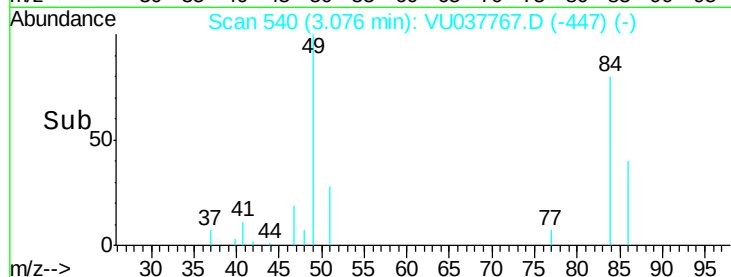
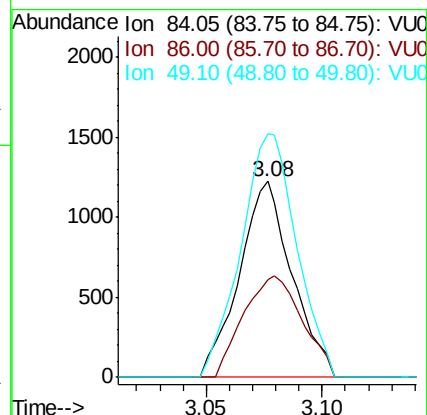
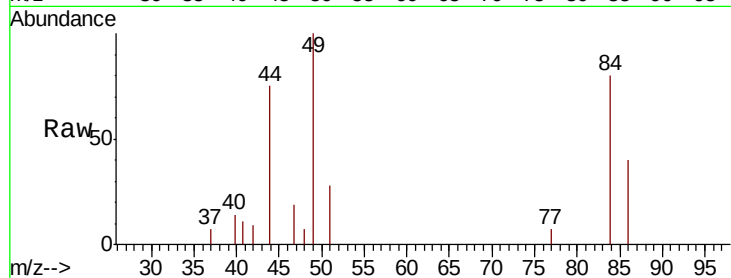
Tot Ion: 84 Resp: 1936

Ion Ratio Lower Upper

84 100

86 49.7 44.2 82.0

49 124.4 92.4 171.6



#25

Chloroform

Concen: 0.211 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037767.D

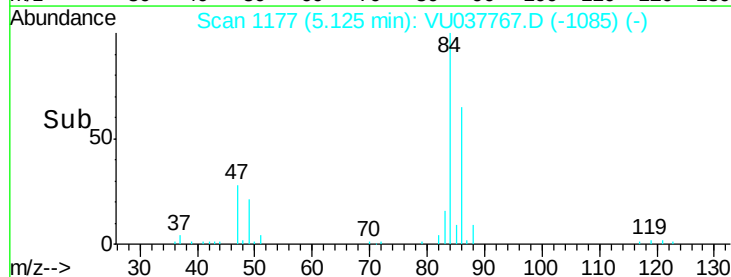
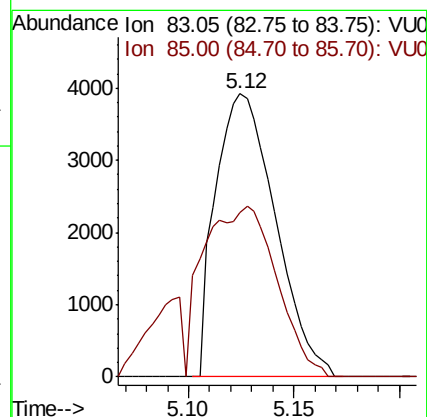
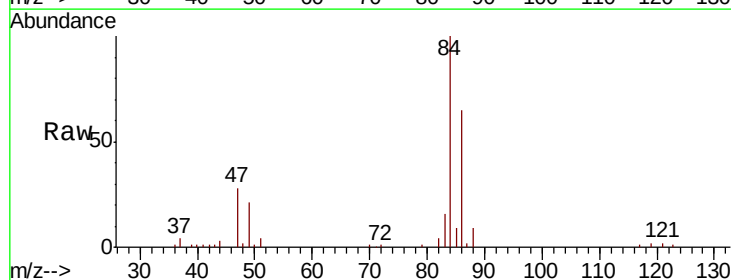
Acq: 17 Apr 2020 11:47

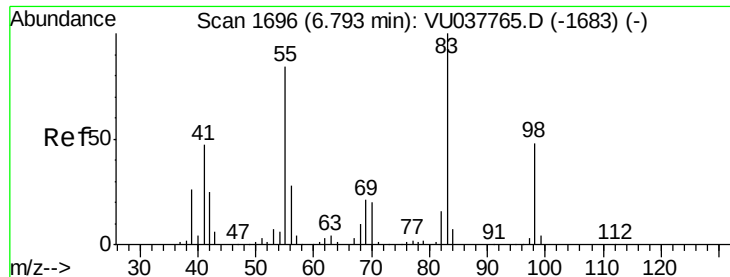
Tgt Ion: 83 Resp: 7735

Ion Ratio Lower Upper

83 100

85 57.9 44.9 83.3

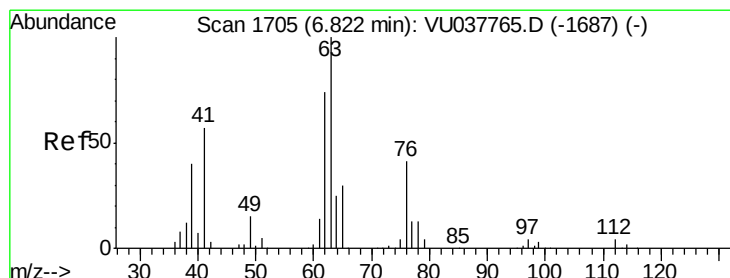
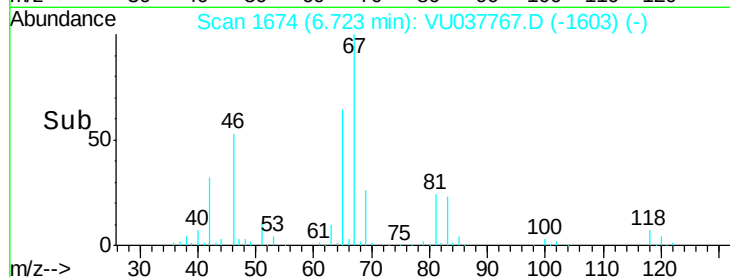
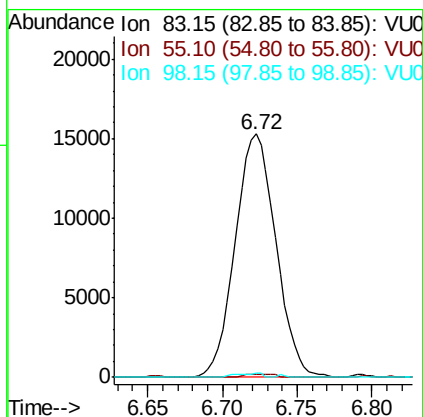
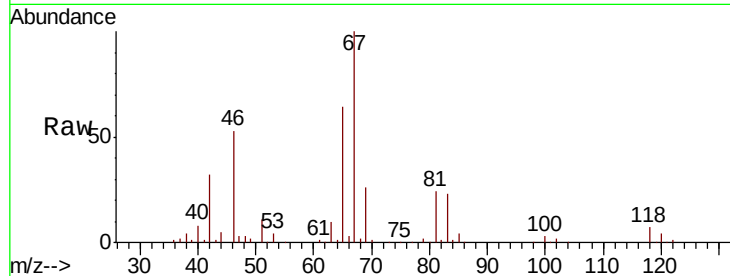




#35
Methvlcvclohexane
Concen: 0.793 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037767.D
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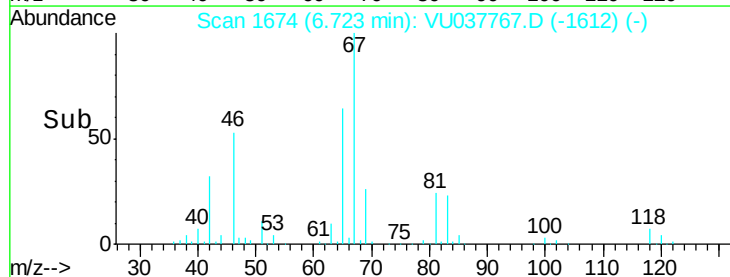
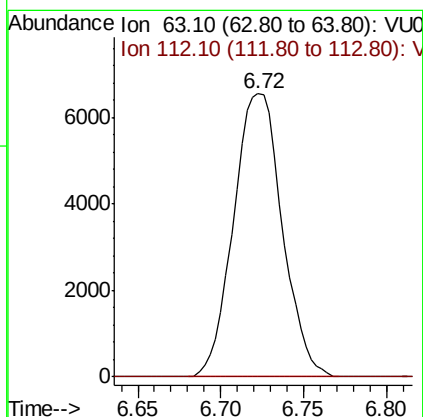
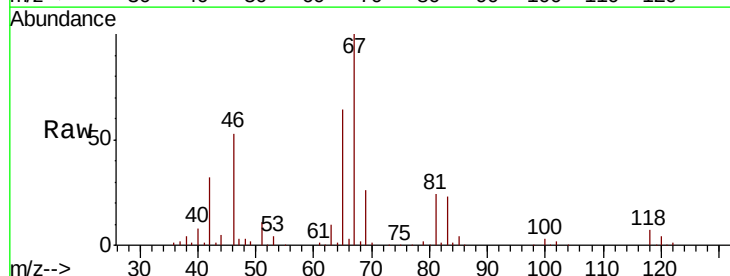
Instrument :
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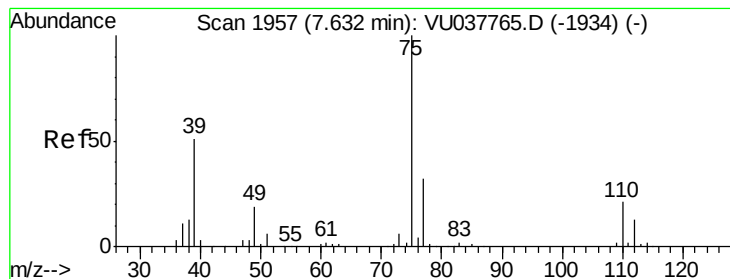
Tot Ion: 83 Resp: 28991
Ion Ratio Lower Upper
83 100
55 1.0 65.5 98.3#
98 0.6 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037767.D
Acq: 17 Apr 2020 11:47

Tgt Ion: 63 Resp: 13387
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



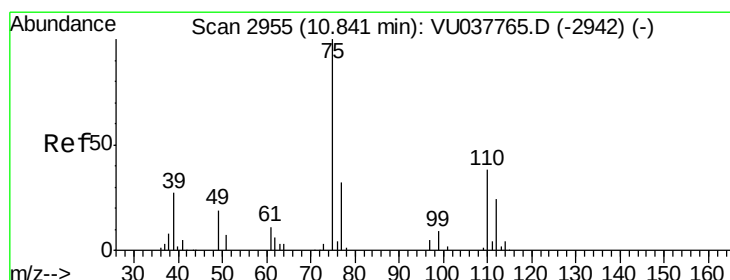
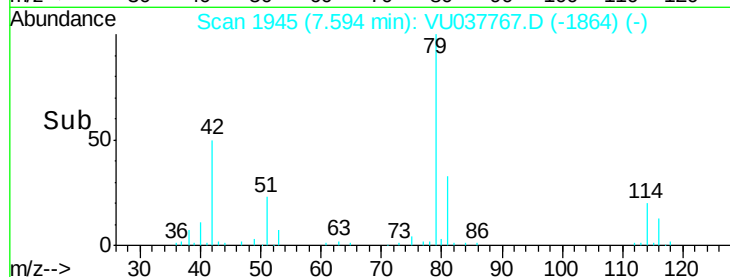
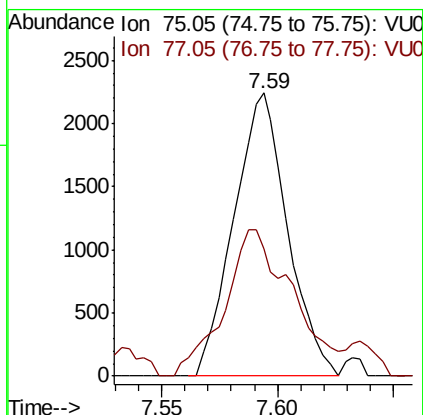
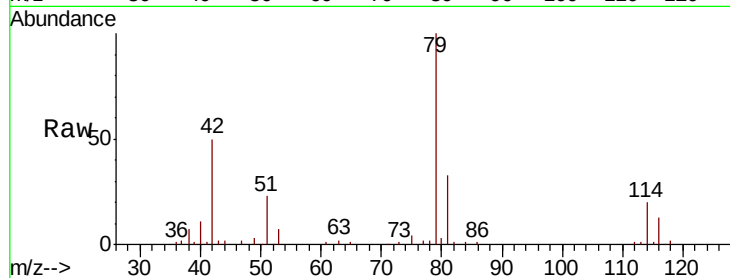


#39

cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037767.D
 Acq: 17 Apr 2020 11:47

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3595
 Ion Ratio Lower Upper
 75 100
 77 45.1 22.2 41.2#



#59

1,2,3-Trichloropropane
 Concen: 1.213 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037767.D
 Acq: 17 Apr 2020 11:47

Tgt Ion: 75 Resp: 17857
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.4 38.2

