

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037778.D
 Acq On : 17 Apr 2020 16:20
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 01:24:06 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	265548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	257630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125687	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84554	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	76796	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	110350	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.66	46	277750	50.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.66%
24) Chloroform-d	5.10	84	143289	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.74	65	90998	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	321452	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	108687	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	289577	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	44426	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.65	63	246821	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85075	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	106215	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

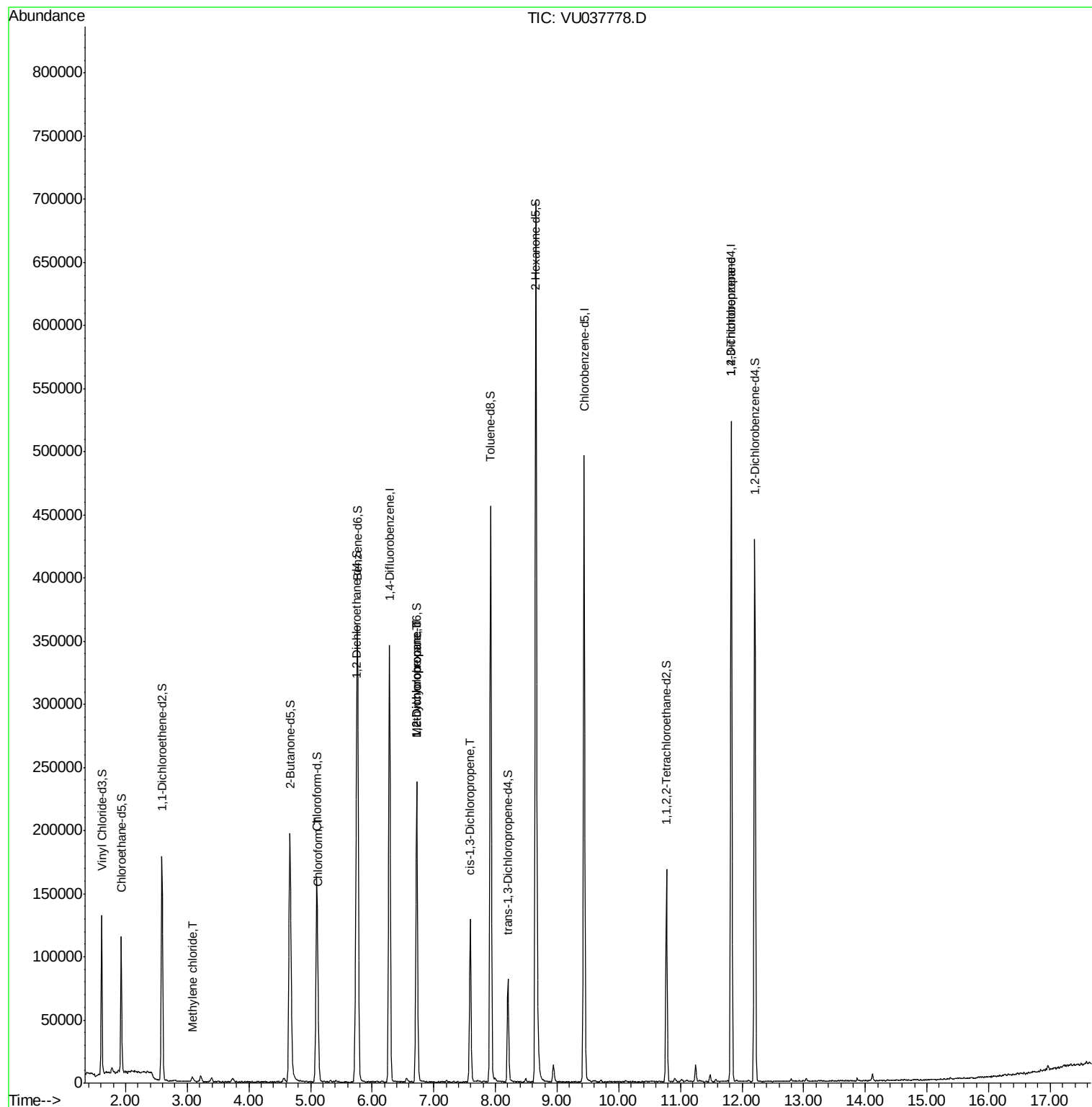
					Ovalue
16) Methylene chloride	3.08	84	1605	0.078 ug/L	90
25) Chloroform	5.12	83	12643	0.346 ug/L	93
35) Methylcyclohexane	6.72	83	23804	0.649 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11919	0.528 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2840	0.080 ug/L #	39
59) 1,2,3-Trichloropropane	11.83	75	17606	1.192 ug/L	95

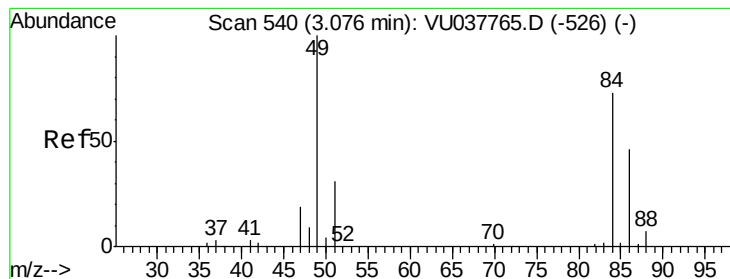
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.078 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037778.D

Acq: 17 Apr 2020 16:20

Instrument :

MSVOA_U

ClientSampled :

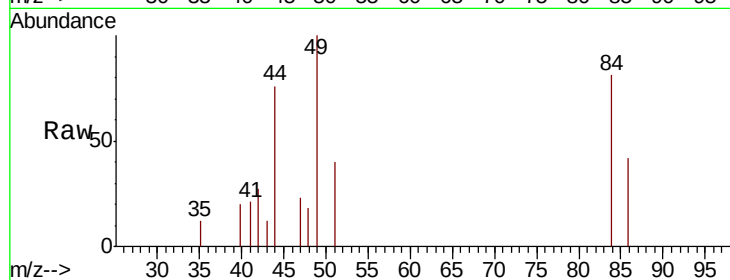
Tot Ion: 84 Resp: 1605

Ion Ratio Lower Upper

84 100

86 51.6 44.2 82.0

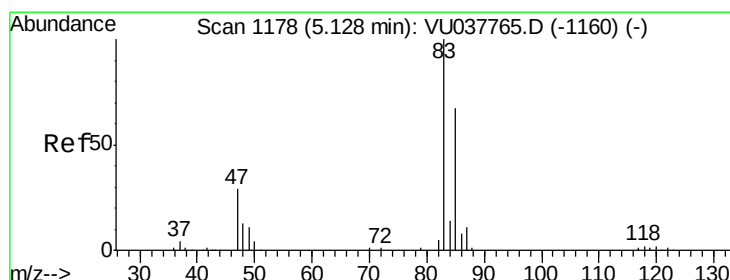
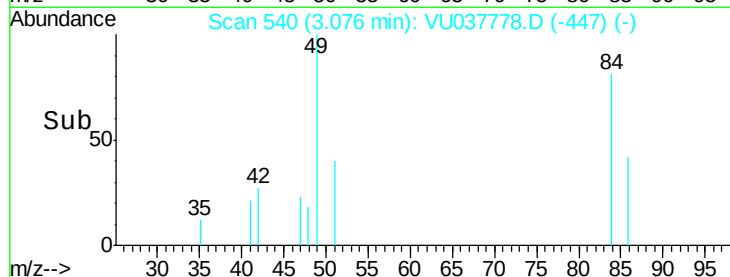
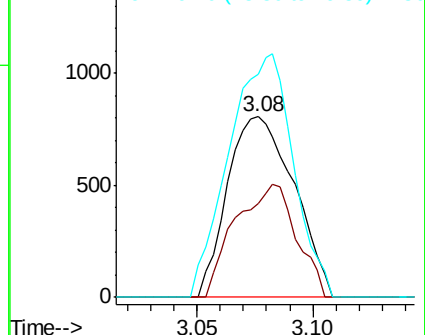
49 123.4 92.4 171.6



Abundance Ion 84.05 (83.75 to 84.75): VU037778.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU037778.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU037778.D (-447) (-)



#25

Chloroform

Concen: 0.346 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037778.D

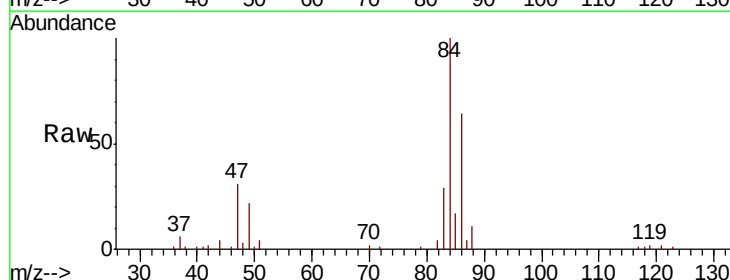
Acq: 17 Apr 2020 16:20

Tgt Ion: 83 Resp: 12643

Ion Ratio Lower Upper

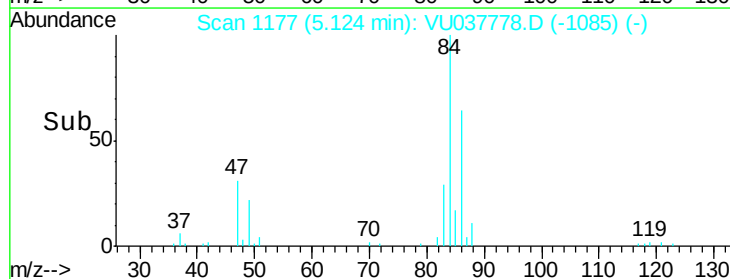
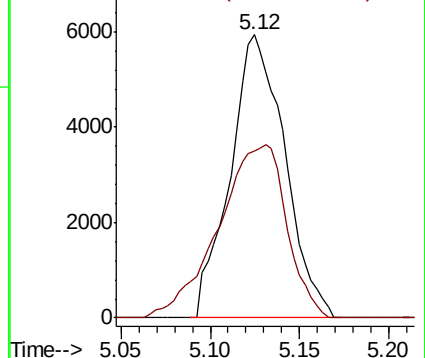
83 100

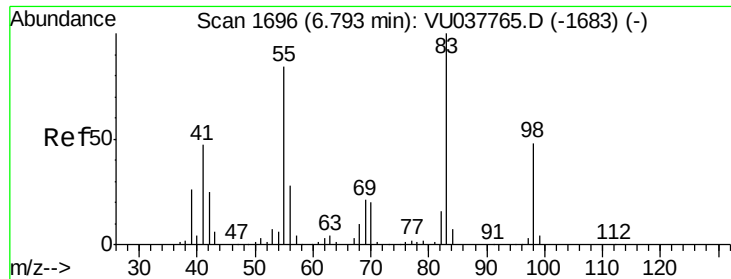
85 58.8 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037778.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037778.D (-1085) (-)

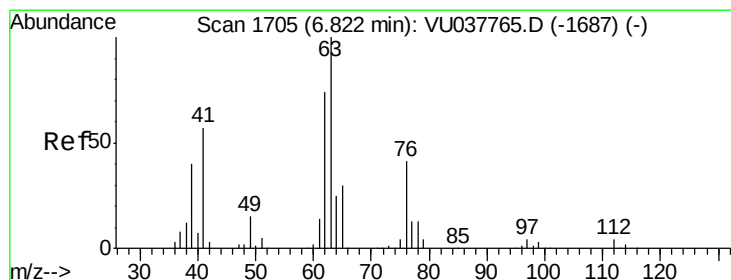
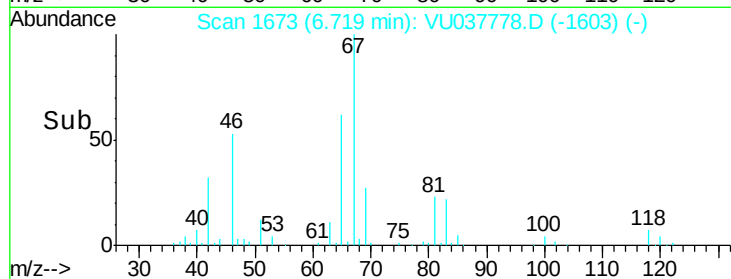
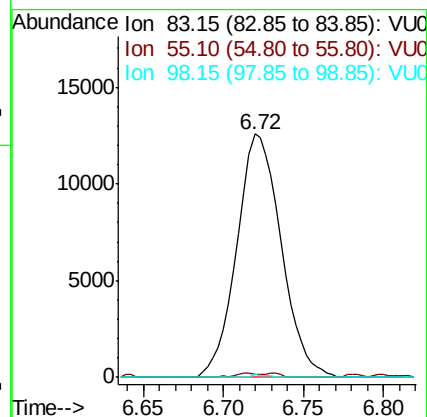
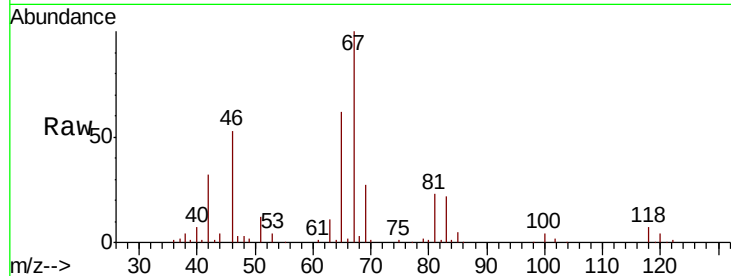




#35
Methylvlcyclohexane
Concen: 0.649 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU037778.D
Acq: 17 Apr 2020 16:20

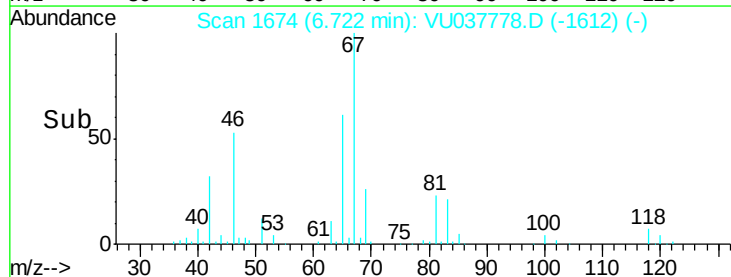
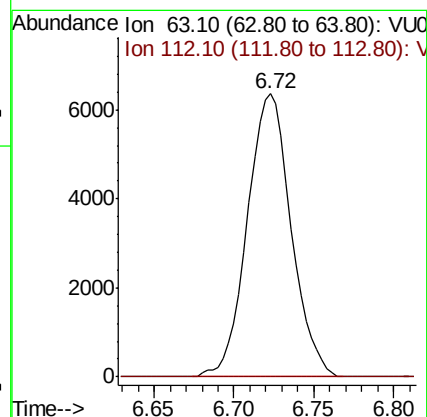
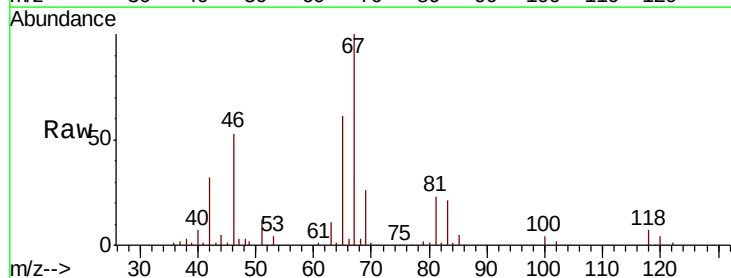
Instrument :
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ClientSampleId :

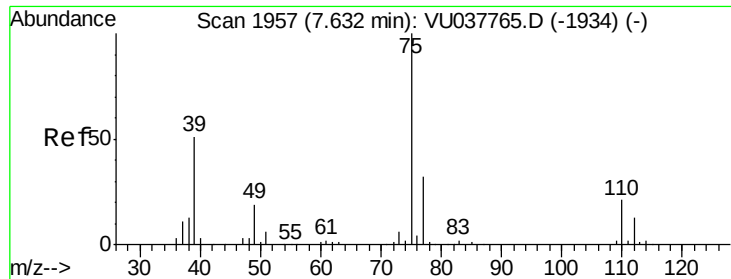
Tot Ion: 83 Resp: 23804
Ion Ratio Lower Upper
83 100
55 0.9 65.5 98.3#
98 0.4 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037778.D
Acq: 17 Apr 2020 16:20

Tgt Ion: 63 Resp: 11919
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

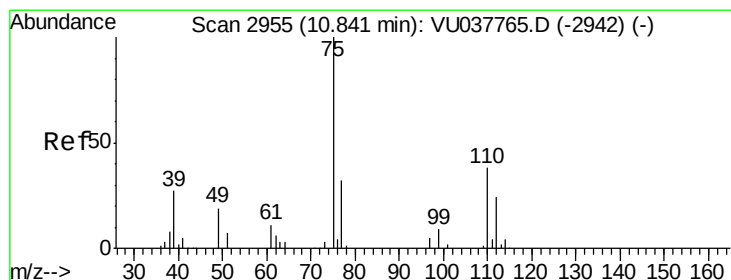
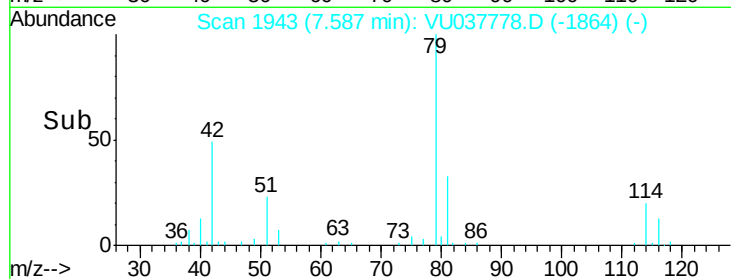
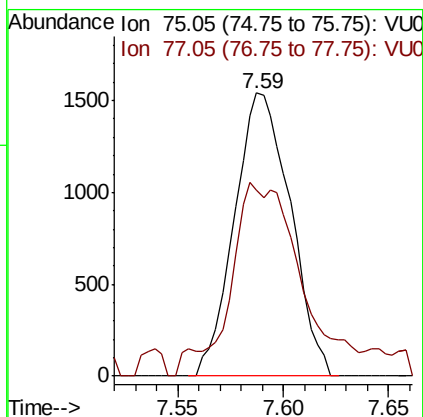
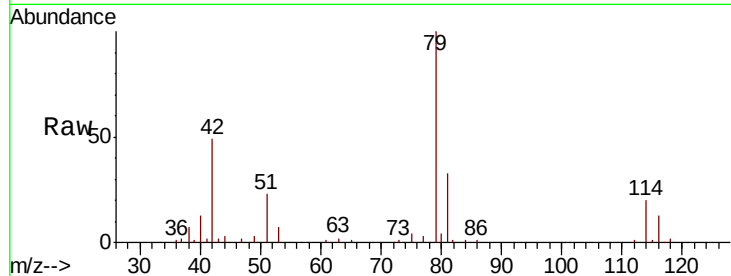




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU037778.D
 Acq: 17 Apr 2020 16:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2840
 Ion Ratio Lower Upper
 75 100
 77 65.7 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.192 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037778.D
 Acq: 17 Apr 2020 16:20

Tgt Ion: 75 Resp: 17606
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.4 38.2

