

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036838.D
 Acq On : 18 Feb 2020 16:05
 Operator : JC/MD
 Sample : L1540-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:56:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	107567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	102420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34260	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.93	69	36276	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	50305	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.67	46	109605	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.11	84	72122	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.74	65	41262	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.76	84	152911	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	49786	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	133472	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	17163	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.66	63	89019	50.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39979	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	41608	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

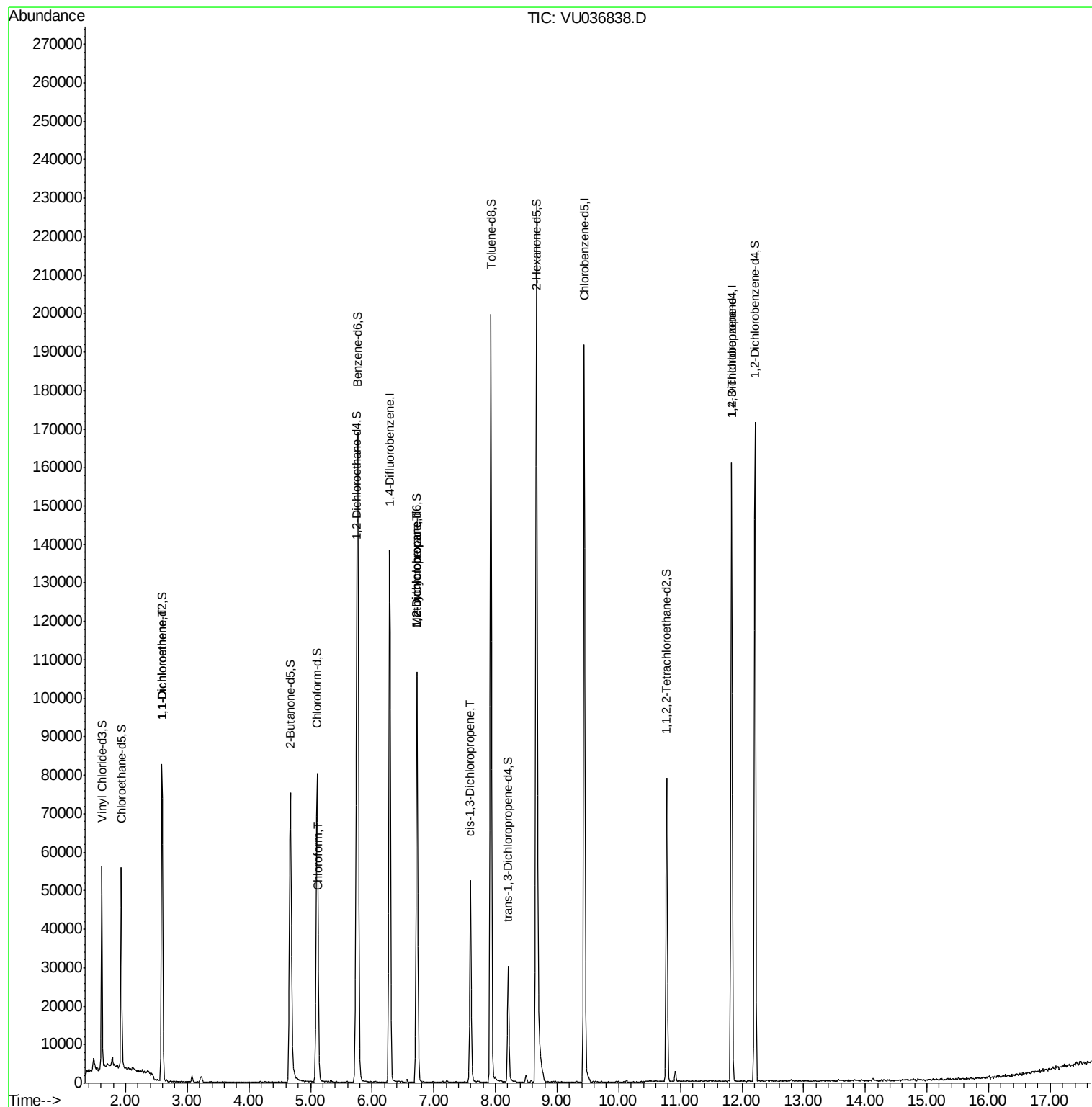
				Ovalue	
12) 1,1-Dichloroethene	2.59	96	402	0.061 ug/L #	1
25) Chloroform	5.13	83	2486	0.164 ug/L	94
35) Methylcyclohexane	6.73	83	11164	0.874 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5732	0.665 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1162	0.093 ug/L #	56
59) 1,2,3-Trichloropropane	11.83	75	6093	1.070 ug/L	92

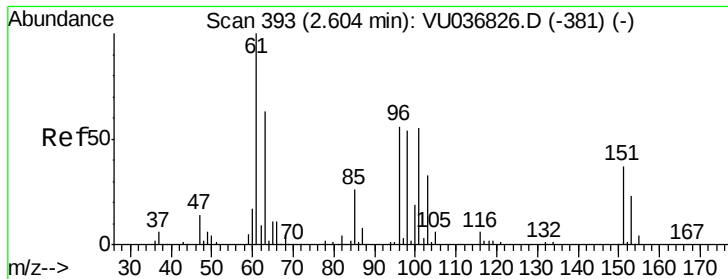
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 04:53:41 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036838.D

Acq: 18 Feb 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

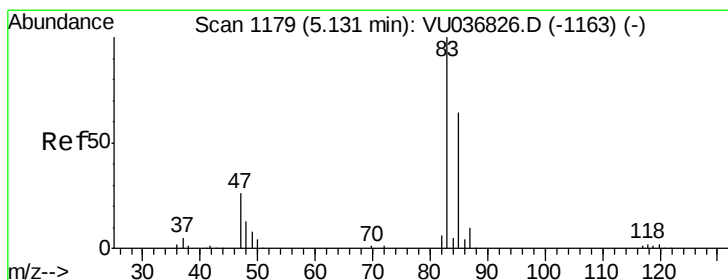
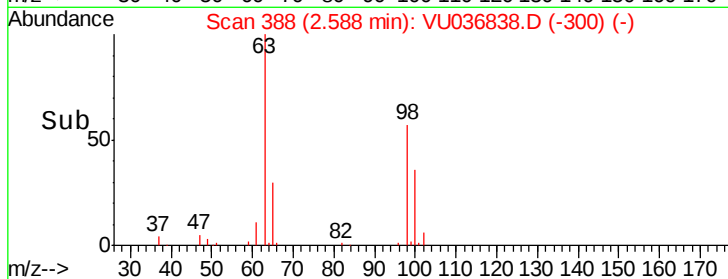
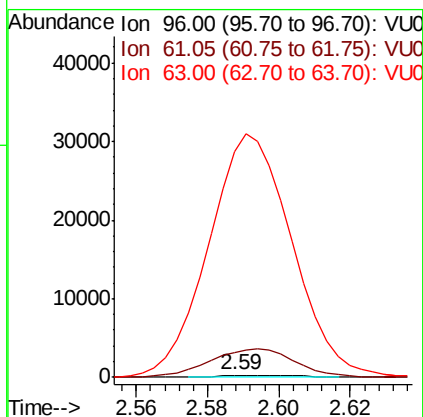
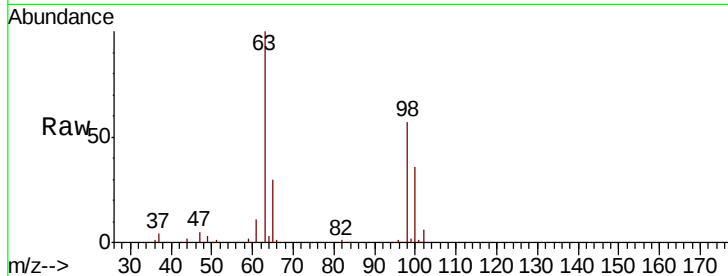
Tot Ion: 96 Resp: 402

Ion Ratio Lower Upper

96 100

61 1241.9 126.4 234.8#

63 11150.4 89.5 166.3#



#25

Chloroform

Concen: 0.164 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036838.D

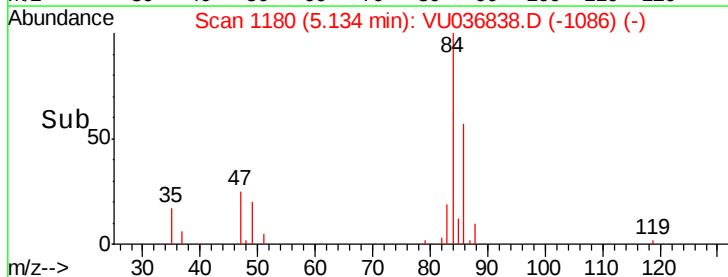
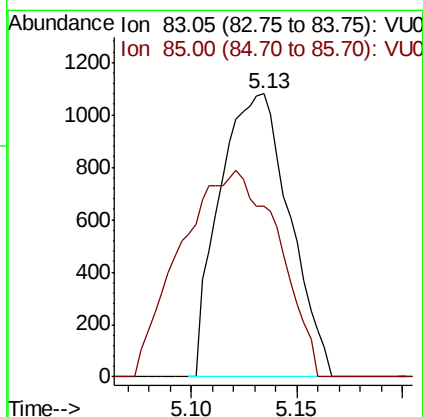
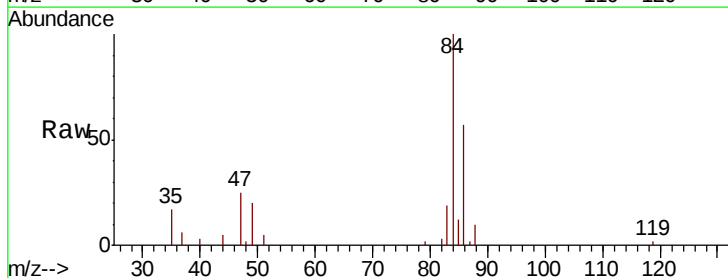
Acq: 18 Feb 2020 16:05

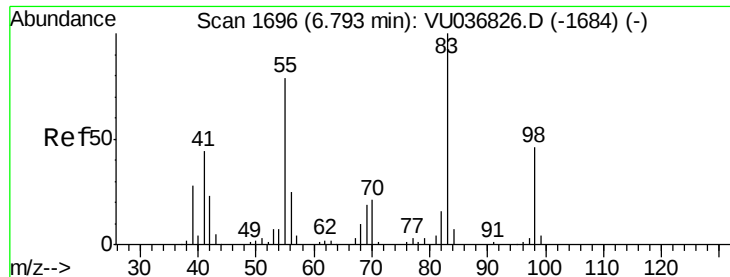
Tgt Ion: 83 Resp: 2486

Ion Ratio Lower Upper

83 100

85 60.5 45.4 84.2

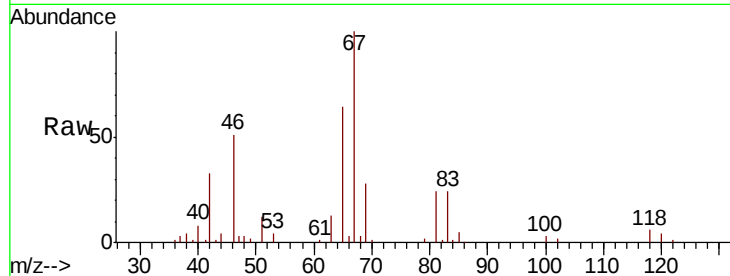




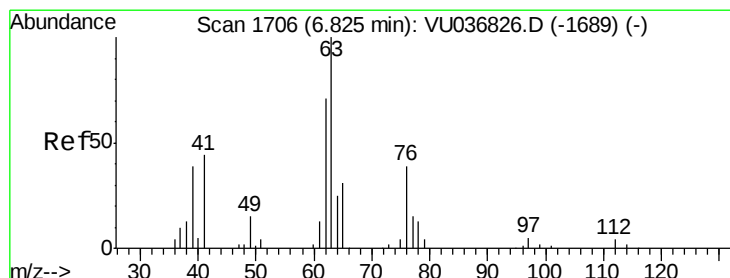
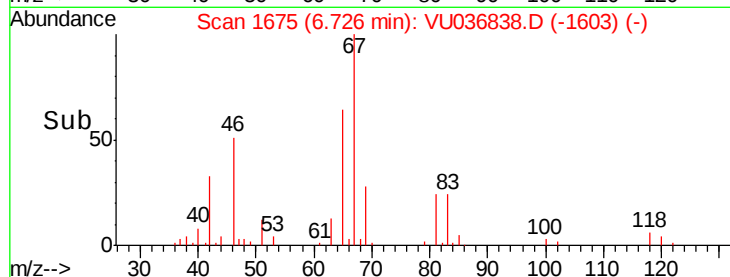
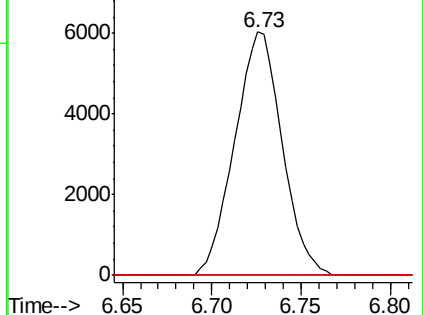
#35
Methvlcvclohexane
Concen: 0.874 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036838.D
Acq: 18 Feb 2020 16:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11164
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.4 34.2 51.4#

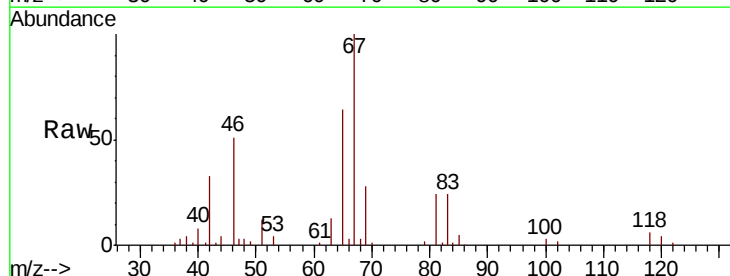


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

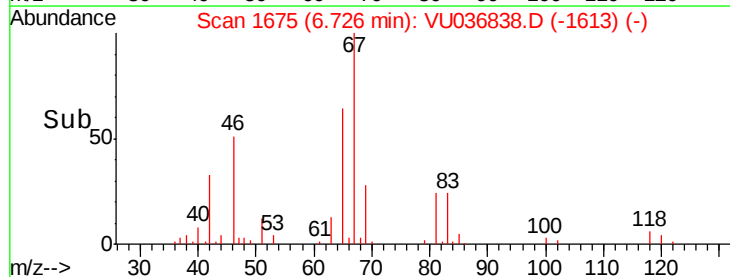
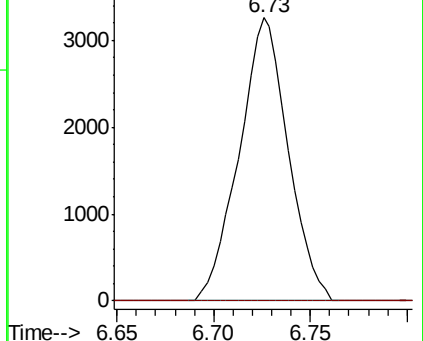


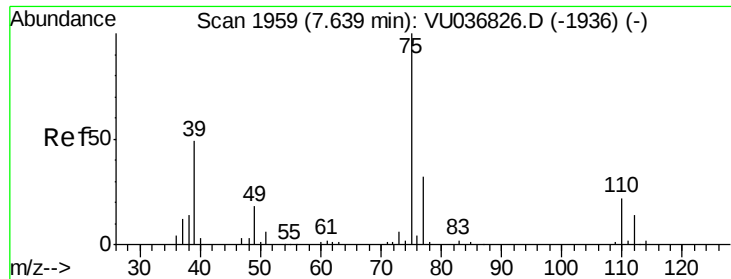
#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036838.D
Acq: 18 Feb 2020 16:05

Tgt Ion: 63 Resp: 5732
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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

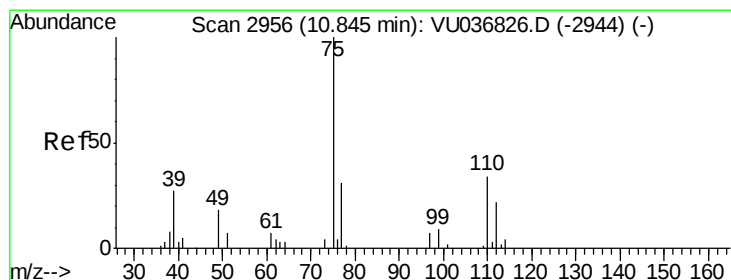
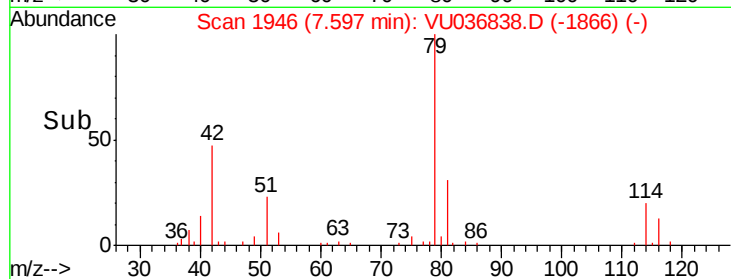
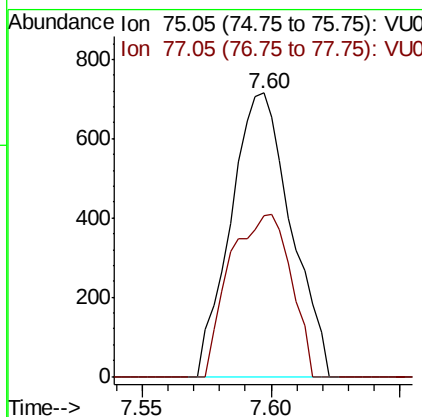
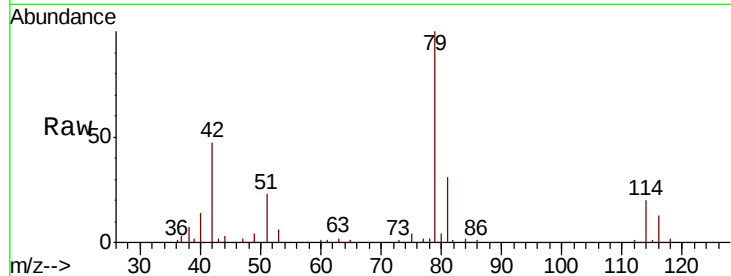




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036838.D
 Acq: 18 Feb 2020 16:05

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 1162
 Ion Ratio Lower Upper
 75 100
 77 56.8 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.070 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036838.D
 Acq: 18 Feb 2020 16:05

Tgt Ion: 75 Resp: 6093
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.6 38.4

