

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037505.D
 Acq On : 31 Mar 2020 19:08
 Operator : JC/MD
 Sample : L2001-21DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	87171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	82470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42488	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23210	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.90	69	21797	3.94	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.58	63	35277	2.83	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.67	46	89279	45.52	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	5.10	84	50218	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.74	65	28122	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	5.76	84	96402	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.72	67	33811	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.92	98	83820	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.20	79	14885	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	86445	52.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	32365	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	34132	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

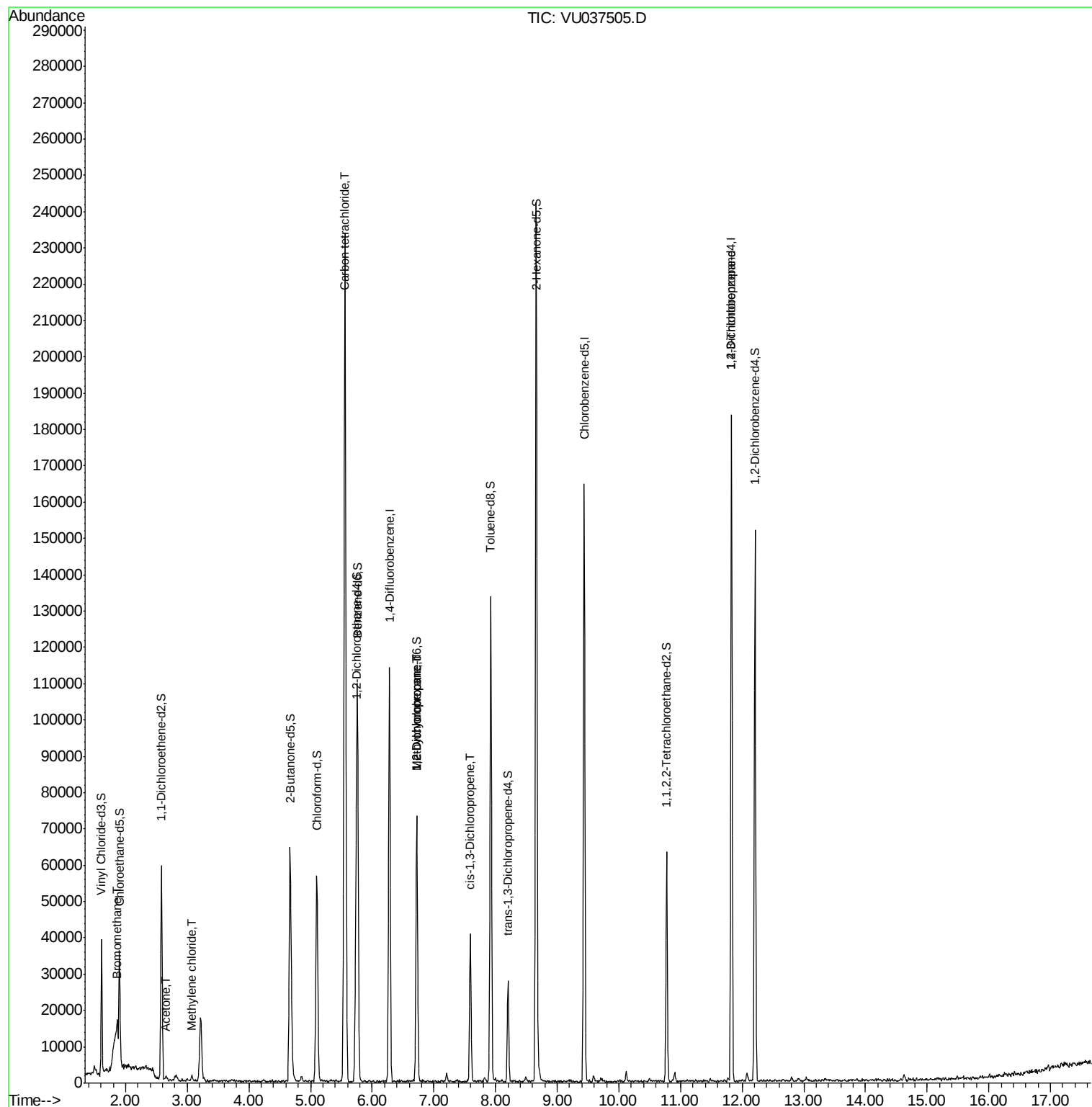
					Ovalue
6) Bromomethane	1.85	94	359	0.099 ug/L	81
13) Acetone	2.65	43	1265	1.140 ug/L	67
16) Methylene chloride	3.08	84	704	0.108 ug/L #	82
31) Carbon tetrachloride	5.56	117	153640	17.819 ug/L	98
35) Methylcyclohexane	6.72	83	7883	0.704 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	3864	0.567 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1052	0.099 ug/L #	19
59) 1,2,3-Trichloropropane	11.83	75	6265	1.338 ug/L	92

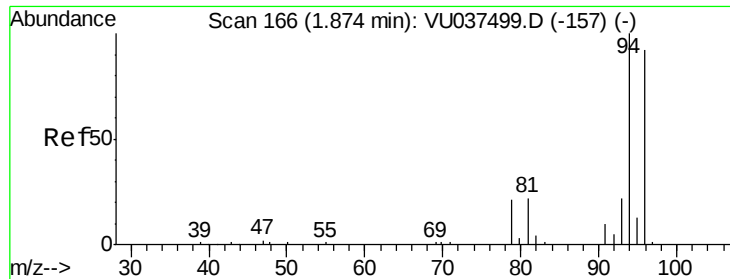
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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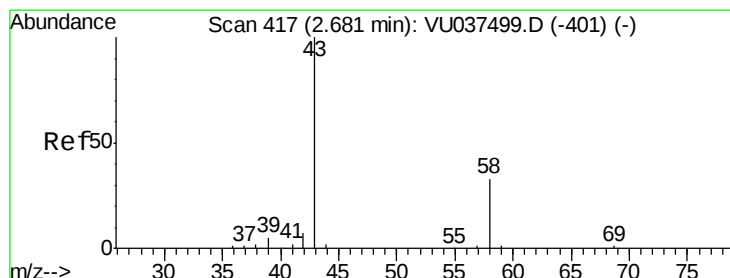
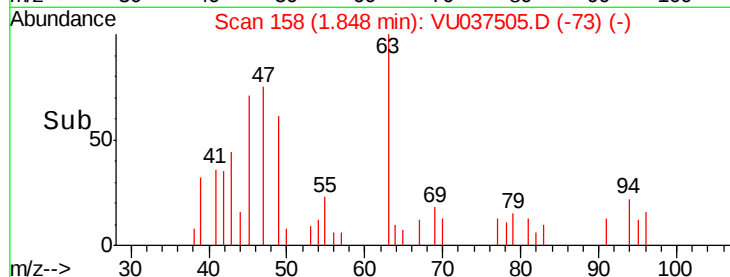
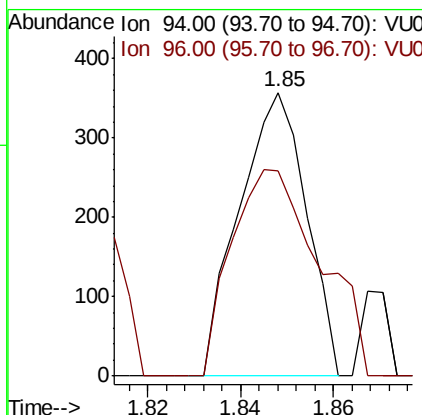
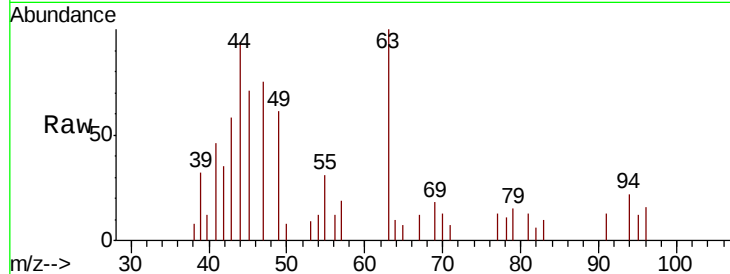




#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.85 min Scan# 158
Delta R.T. -0.03 min
Lab File: VU037505.D
Acq: 31 Mar 2020 19:08

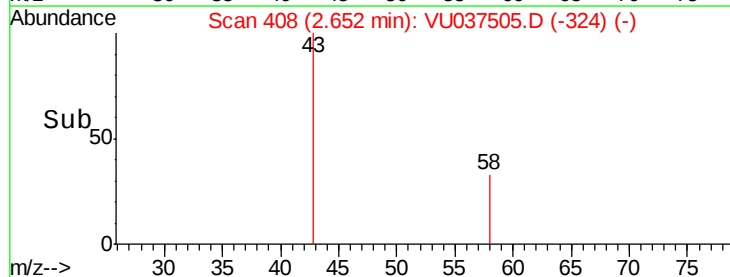
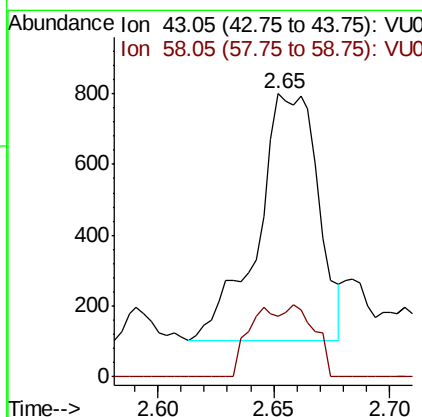
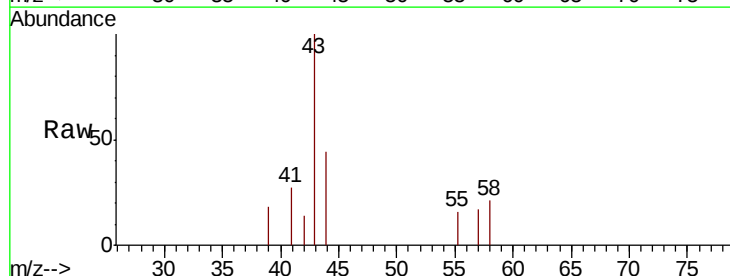
Instrument :
MSVOA_U
ClientSampleId :

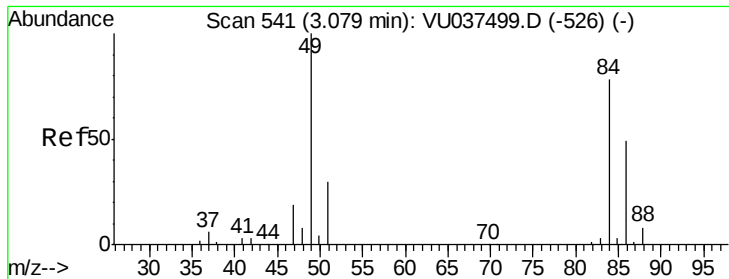
Tot Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 72.3 63.2 117.4



#13
Acetone
Concen: 1.140 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.03 min
Lab File: VU037505.D
Acq: 31 Mar 2020 19:08

Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 15.0 0.0 68.2

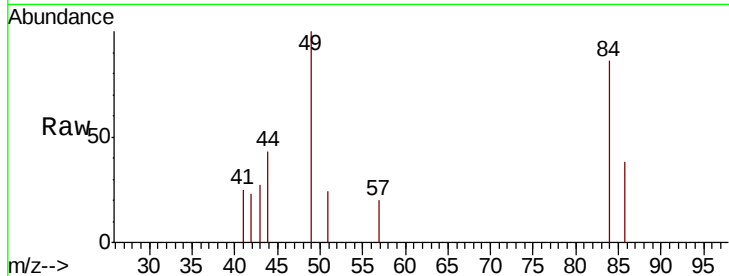




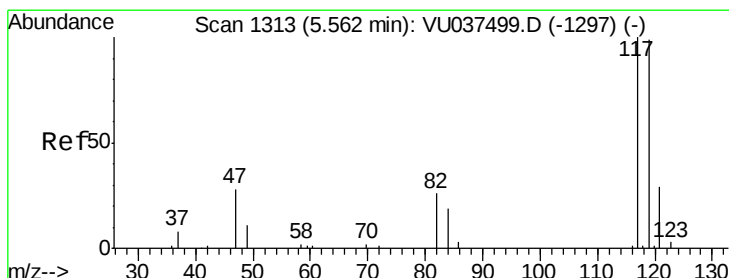
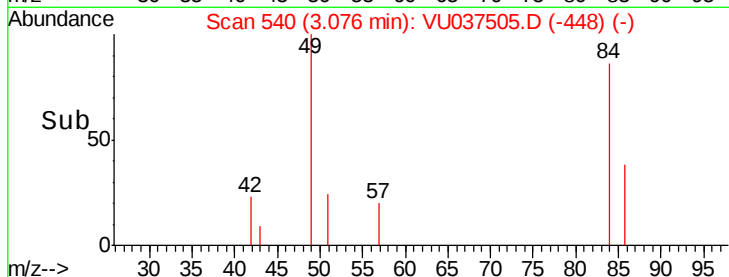
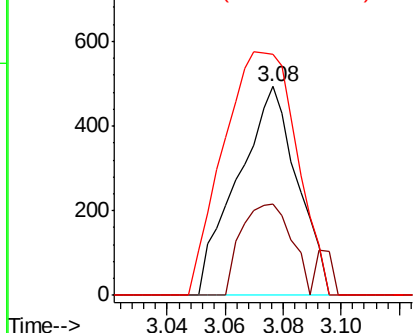
#16
Methvlene chloride
Concen: 0.108 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037505.D
Acq: 31 Mar 2020 19:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 704
Ion Ratio Lower Upper
84 100
86 43.6 44.7 82.9#
49 115.6 92.7 172.3

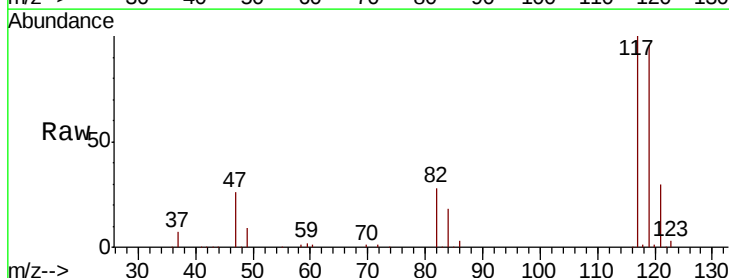


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

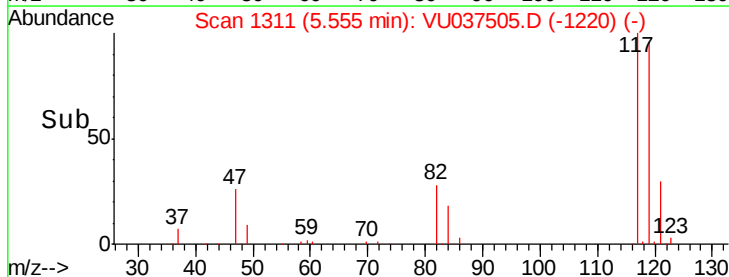
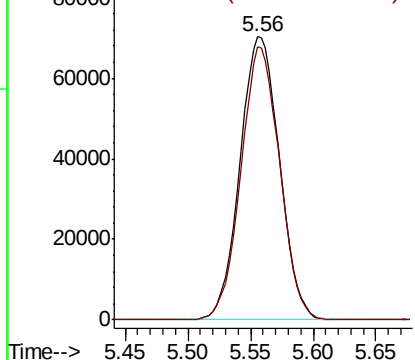


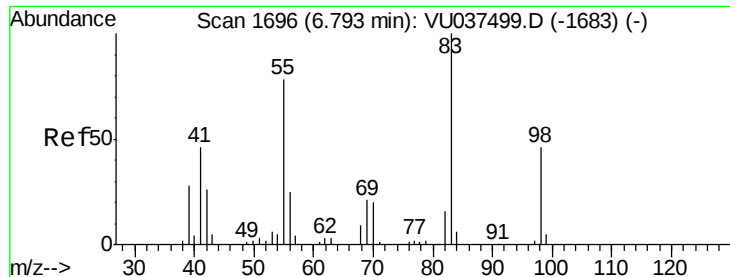
#31
Carbon tetrachloride
Concen: 17.819 ug/L
RT: 5.56 min Scan# 1311
Delta R.T. -0.01 min
Lab File: VU037505.D
Acq: 31 Mar 2020 19:08

Tgt Ion: 117 Resp: 153640
Ion Ratio Lower Upper
117 100
119 94.6 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

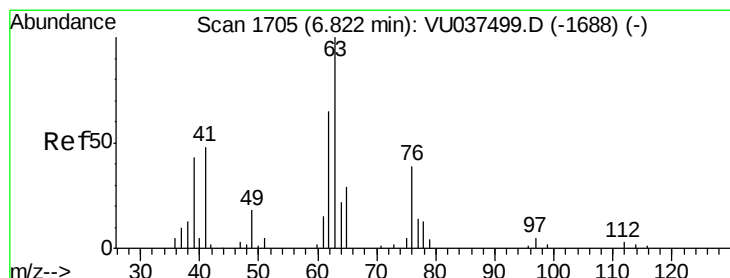
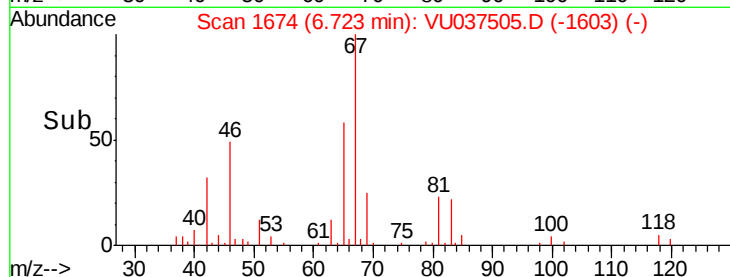
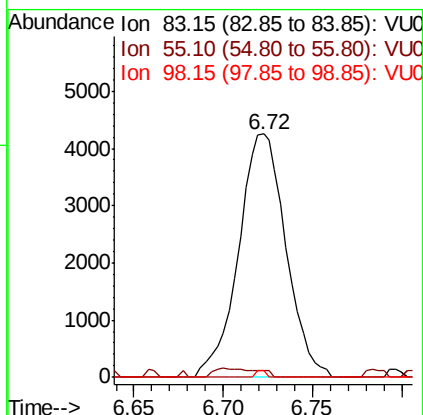
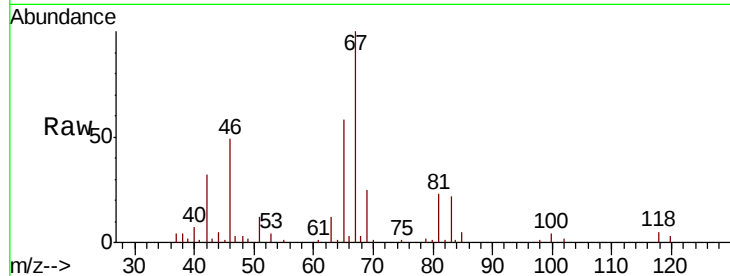




#35
Methvlcvclohexane
Concen: 0.704 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037505.D
Acq: 31 Mar 2020 19:08

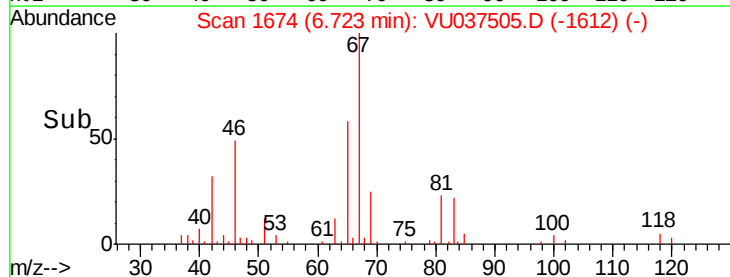
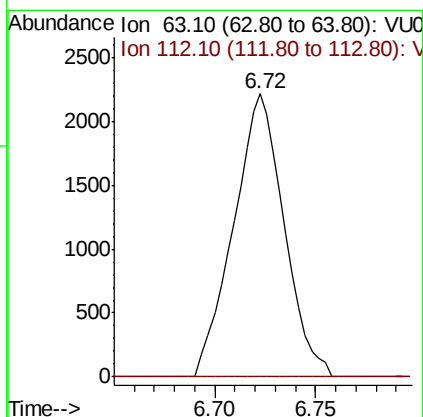
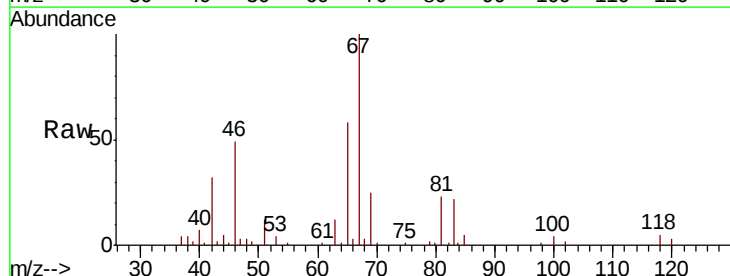
Instrument :
MSVOA_U
ClientSampled :

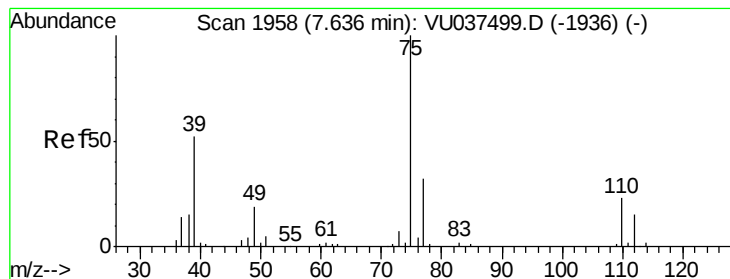
Tot Ion: 83 Resp: 7883
Ion Ratio Lower Upper
83 100
55 2.6 64.4 96.6#
98 0.6 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037505.D
Acq: 31 Mar 2020 19:08

Tgt Ion: 63 Resp: 3864
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



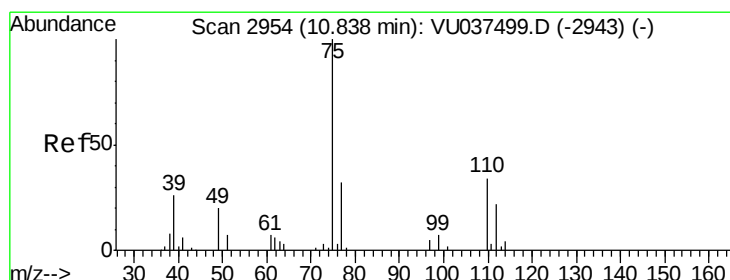
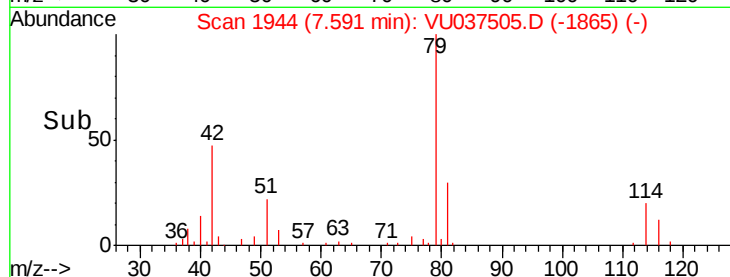
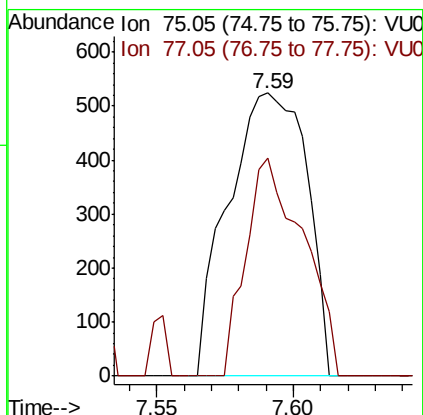
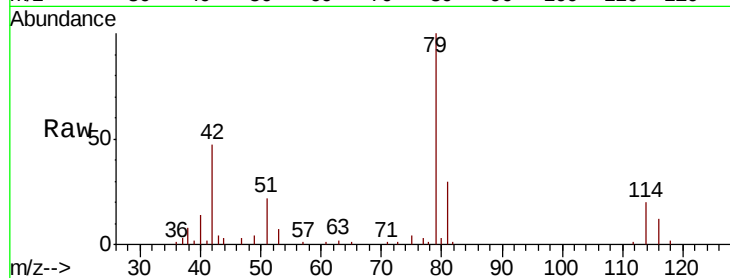


#39

cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037505.D
 Acq: 31 Mar 2020 19:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 77 77.1 22.4 41.6#



#59

1,2,3-Trichloropropane
 Concen: 1.338 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037505.D
 Acq: 31 Mar 2020 19:08

Tgt Ion: 75 Resp: 6265
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.2 39.2

