

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037771.D
 Acq On : 17 Apr 2020 13:26
 Operator : JC/MD
 Sample : L2292-06RE
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 01:22:41 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	280686	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82097	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	74083	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.59	63	110142	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.67	46	285448	48.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	5.10	84	145063	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	88052	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	314349	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.72	67	106666	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.92	98	286805	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.20	79	45976	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.66	63	242576	44.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82424	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	104676	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

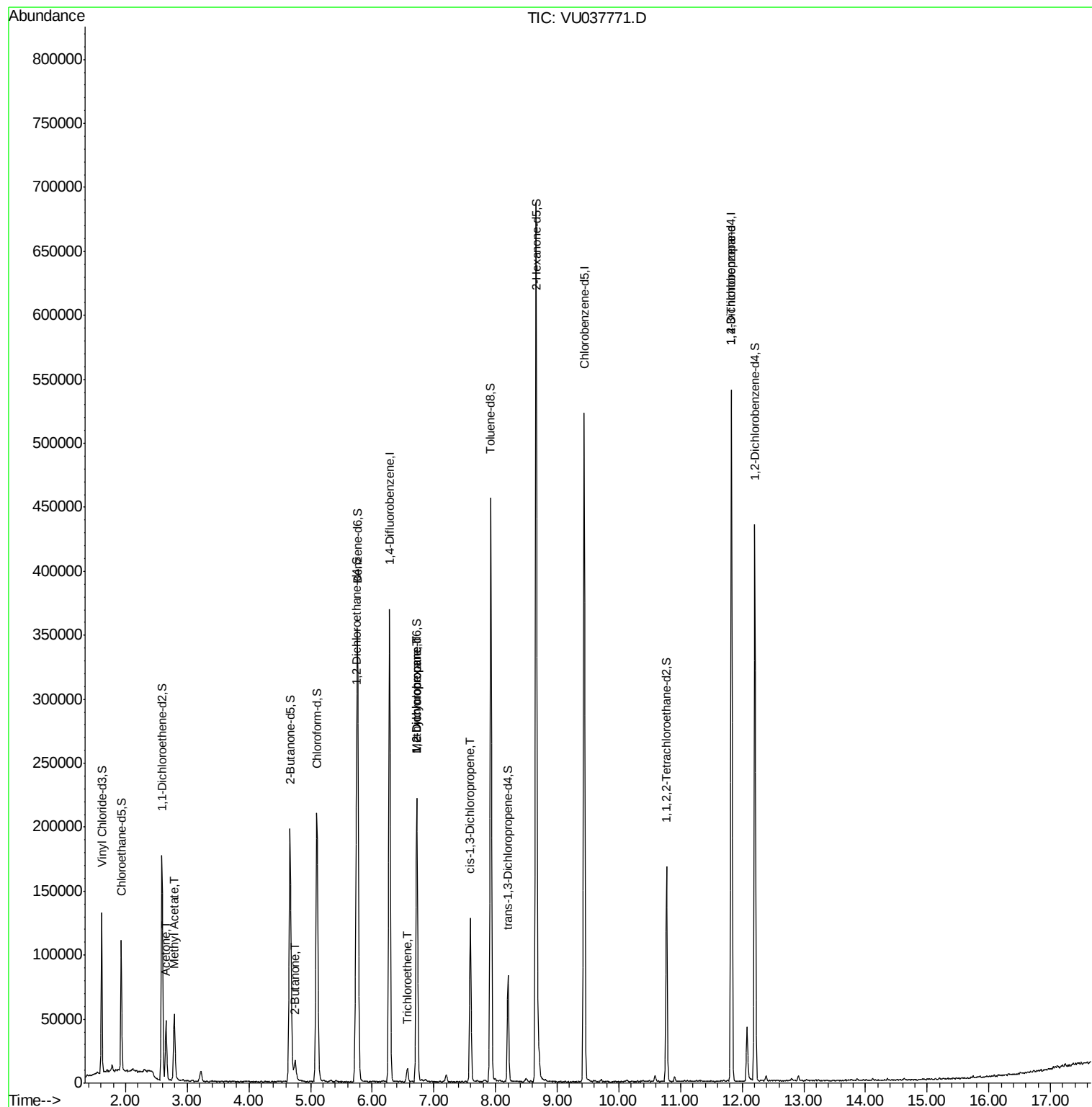
					Ovalue
13) Acetone	2.66	43	50873	13.228	ug/L 96
15) Methyl Acetate	2.79	43	12659	1.184	ug/L # 54
21) 2-Butanone	4.75	43	22137	3.168	ug/L 98
34) Trichloroethene	6.57	95	2818	0.128	ug/L 90
35) Methylcyclohexane	6.72	83	24078	0.623	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11294	0.475	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2929	0.079	ug/L # 31
59) 1,2,3-Trichloropropane	11.83	75	18828	1.209	ug/L 89

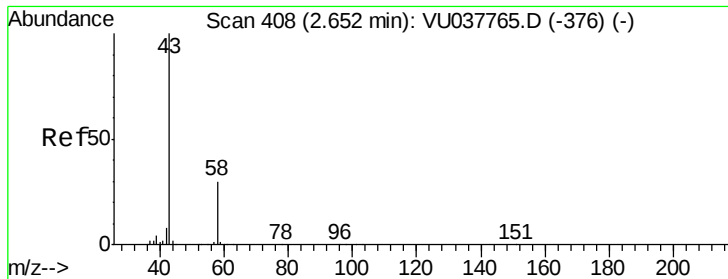
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.228 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037771.D

Acq: 17 Apr 2020 13:26

Instrument :

MSVOA_U

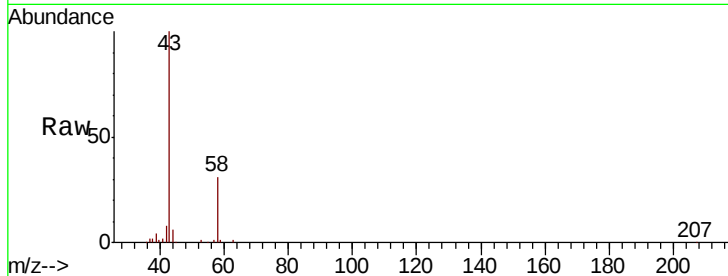
ClientSampleId :

Tot Ion: 43 Resp: 50873

Ion Ratio Lower Upper

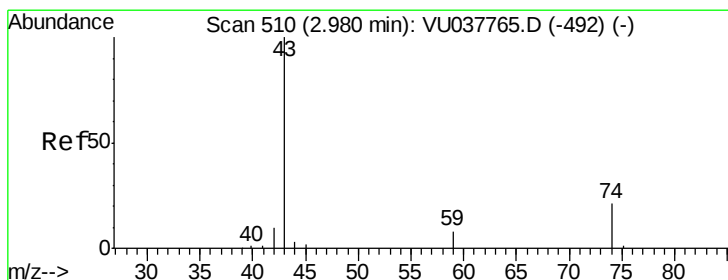
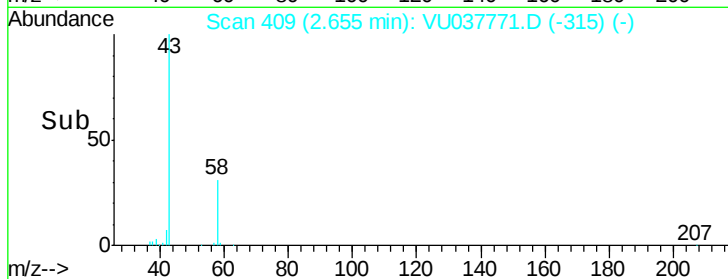
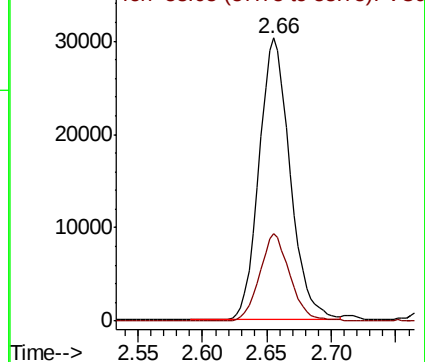
43 100

58 30.3 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037771.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037771.D (-315) (-)



#15

Methyl Acetate

Concen: 1.184 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU037771.D

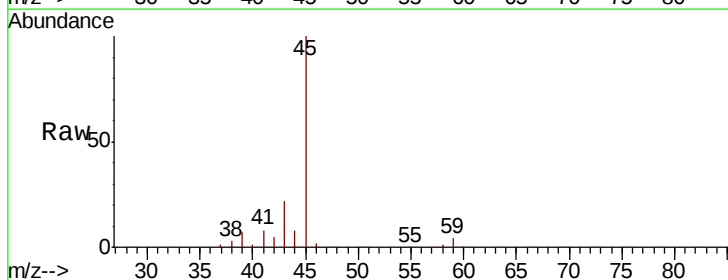
Acq: 17 Apr 2020 13:26

Tgt Ion: 43 Resp: 12659

Ion Ratio Lower Upper

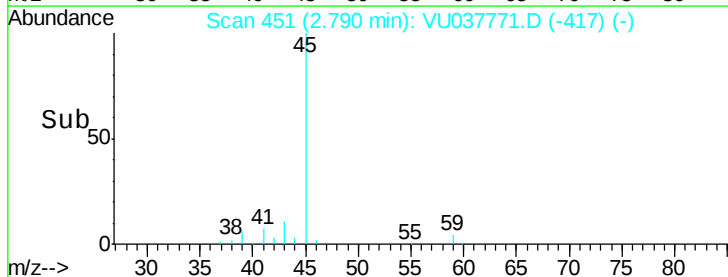
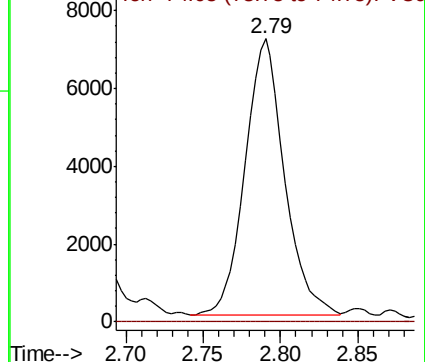
43 100

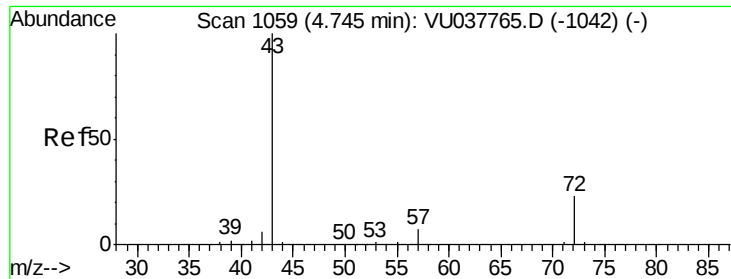
74 0.0 17.2 25.8#



Abundance Ion 43.05 (42.75 to 43.75): VU037771.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VU037771.D (-417) (-)





#21

2-Butanone

Concen: 3.168 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.01 min

Lab File: VU037771.D

Acq: 17 Apr 2020 13:26

Instrument :

MSVOA_U

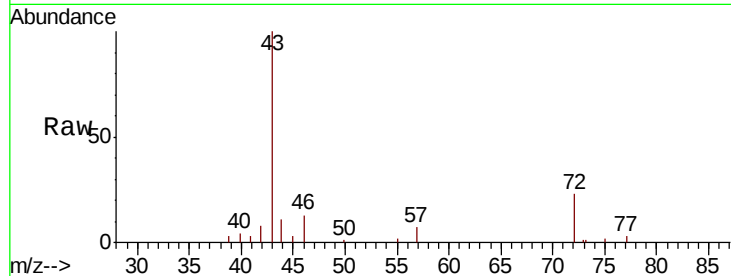
ClientSampled :

Tot Ion: 43 Resp: 22137

Ion Ratio Lower Upper

43 100

72 24.0 12.6 37.6



Abundance Ion 43.05 (42.75 to 43.75): VU037771.D (-966) (-)

Ion 72.10 (71.80 to 72.80): VU037771.D (-966) (-)

4.75

10000

8000

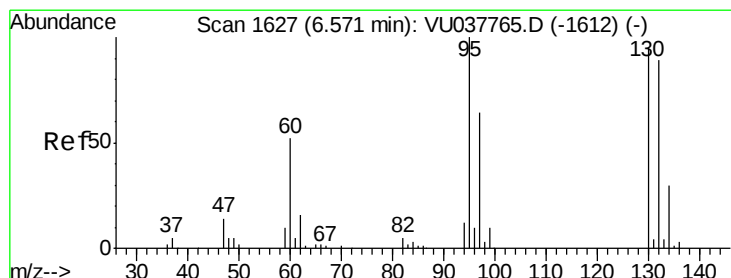
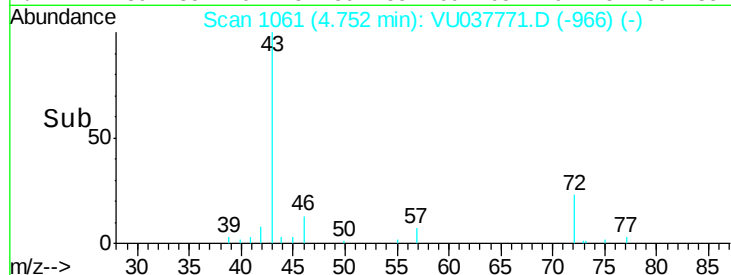
6000

4000

2000

0

Time--> 4.65 4.70 4.75 4.80 4.85



#34

Trichloroethene

Concen: 0.128 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037771.D

Acq: 17 Apr 2020 13:26

Tgt Ion: 95 Resp: 2818

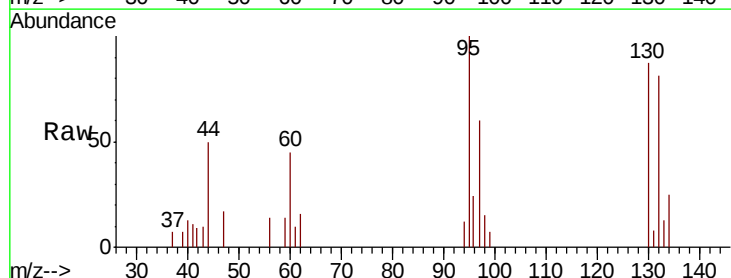
Ion Ratio Lower Upper

95 100

97 60.1 45.4 84.2

132 80.9 63.7 118.3

130 86.7 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU037771.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU037771.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU037771.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU037771.D (-1534) (-)

6.57

2500

2000

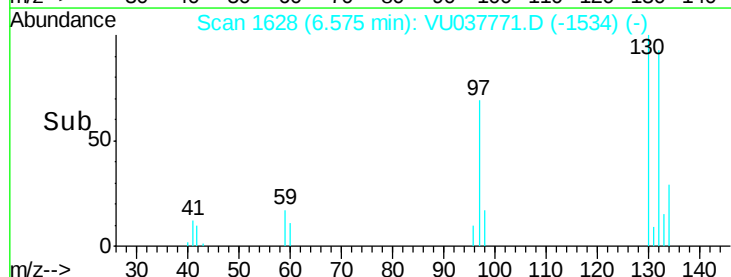
1500

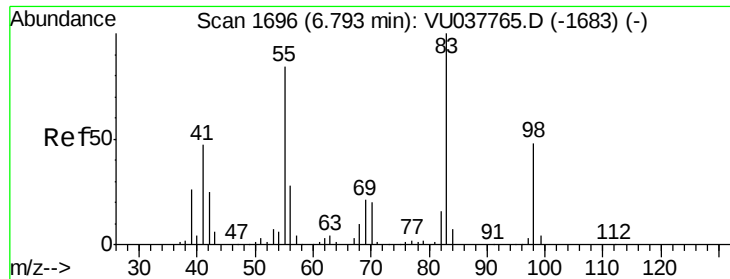
1000

500

0

Time--> 6.55 6.60

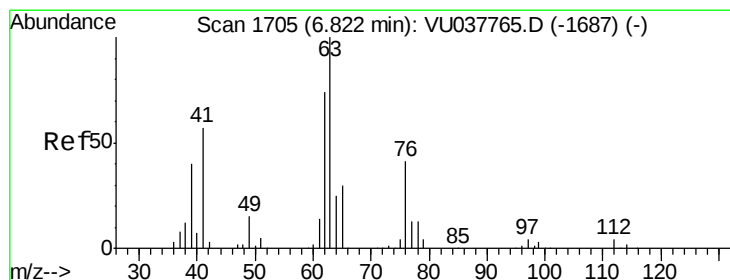
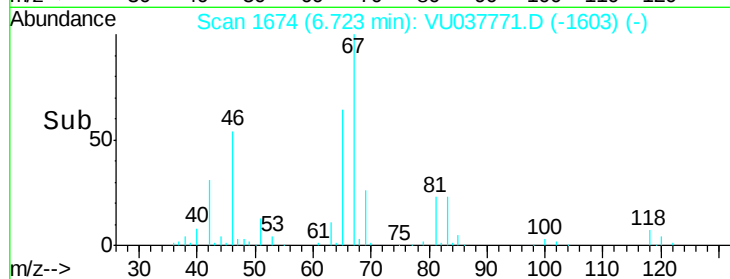
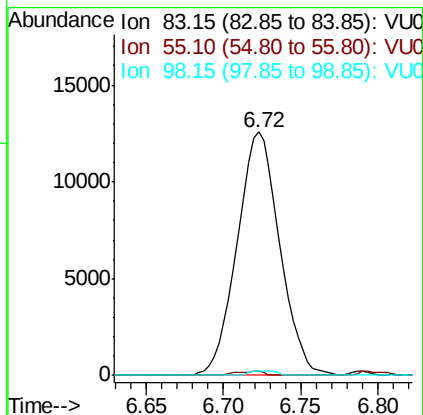
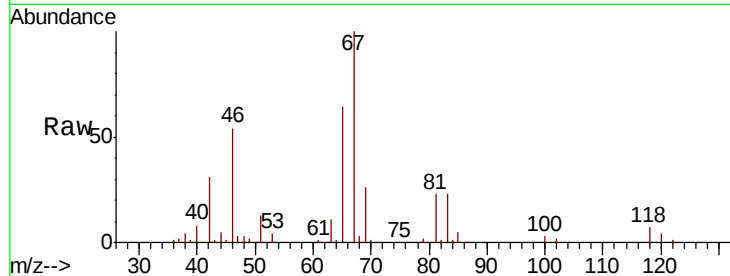




#35
Methvlcvclohexane
Concen: 0.623 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037771.D
Acq: 17 Apr 2020 13:26

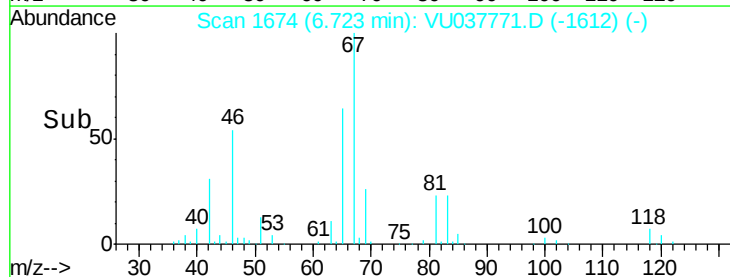
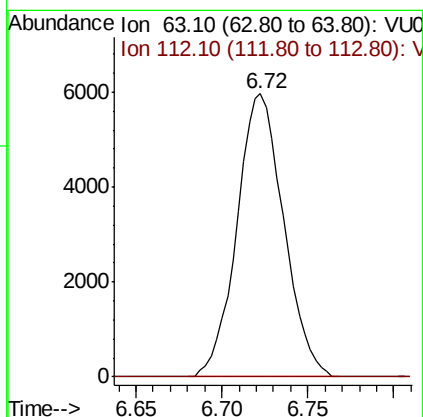
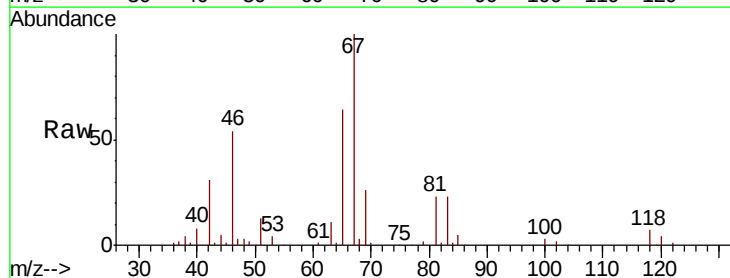
Instrument :
MSVOA_U
ClientSampleId :

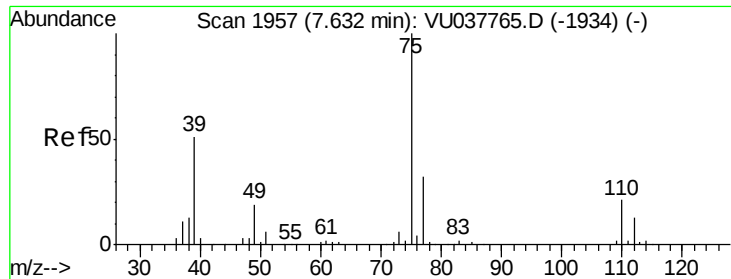
Tot Ion: 83 Resp: 24078
Ion Ratio Lower Upper
83 100
55 1.1 65.5 98.3#
98 1.1 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037771.D
Acq: 17 Apr 2020 13:26

Tgt Ion: 63 Resp: 11294
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

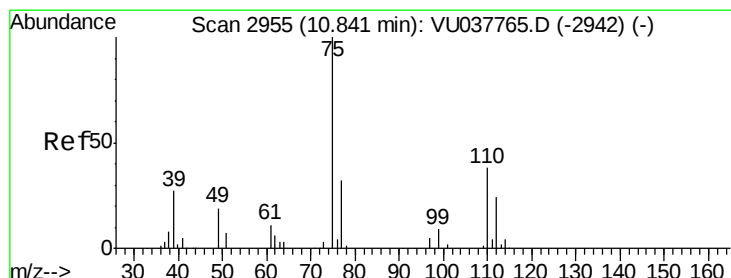
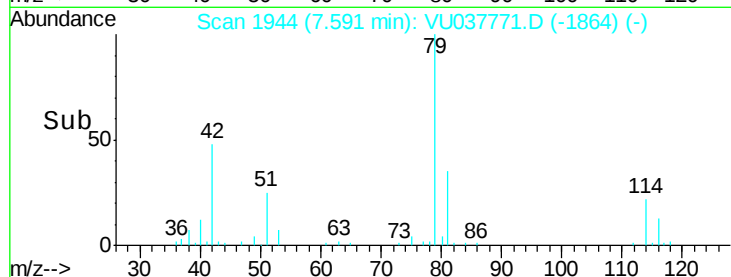
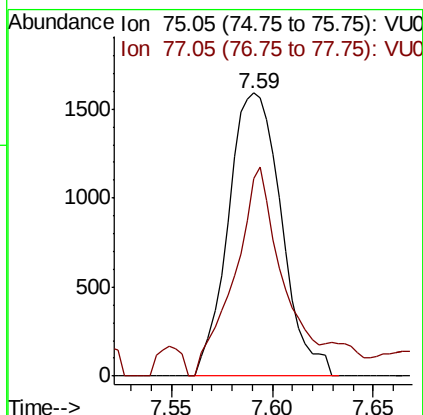
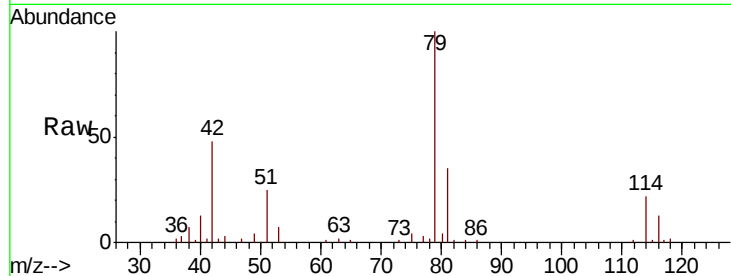




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037771.D
 Acq: 17 Apr 2020 13:26

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2929
 Ion Ratio Lower Upper
 75 100
 77 69.9 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.209 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037771.D
 Acq: 17 Apr 2020 13:26

Tgt Ion: 75 Resp: 18828
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.4 38.2

