

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037460.D
 Acq On : 30 Mar 2020 13:53
 Operator : JC/MD
 Sample : L2001-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	103160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	97588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33137	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	28417	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.59	63	52105	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	105142	50.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	5.10	84	64913	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	38602	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	136127	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.73	67	44206	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	125053	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	17674	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.66	63	87933	50.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36822	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	45831	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

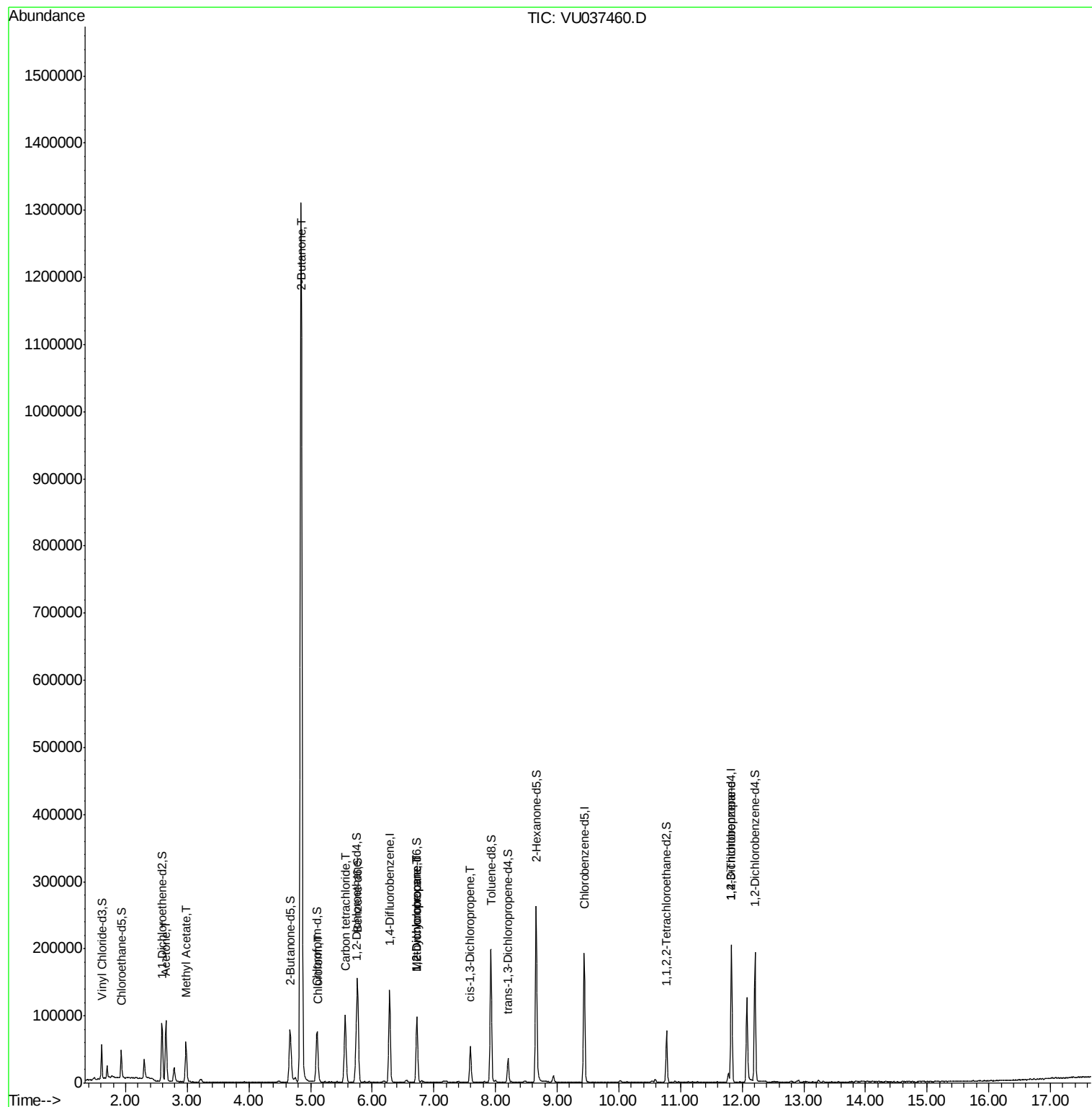
					Ovalue
13) Acetone	2.66	43	97519	81.770	ug/L 100
15) Methyl Acetate	2.98	43	71473	21.451	ug/L 95
21) 2-Butanone	4.84	43	1729041	852.818	ug/L # 46
25) Chloroform	5.13	83	4514	0.324	ug/L 93
31) Carbon tetrachloride	5.56	117	64933	6.131	ug/L 100
35) Methylcyclohexane	6.72	83	10224	0.785	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	5219	0.699	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	1451	0.119	ug/L # 52
59) 1,2,3-Trichloropropane	11.83	75	7051	1.357	ug/L 96

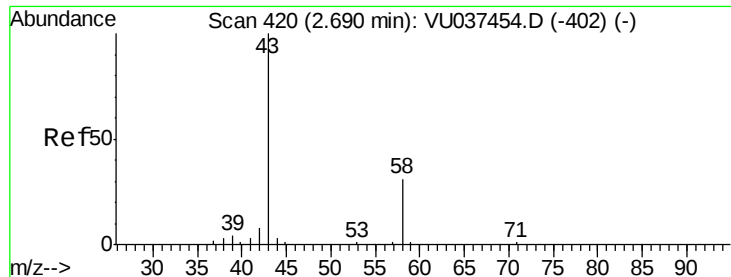
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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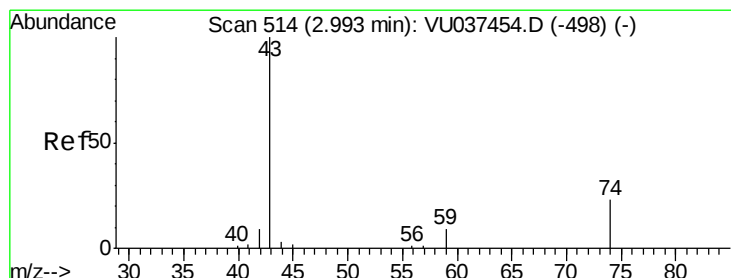
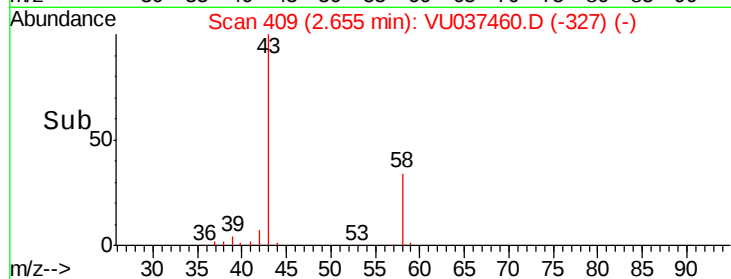
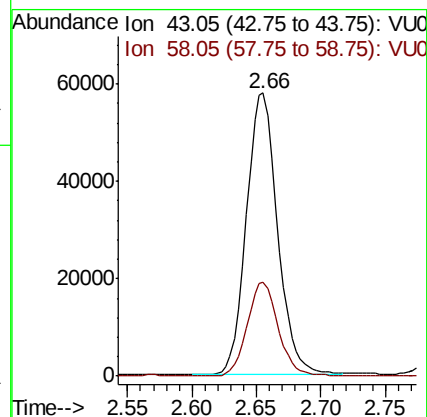
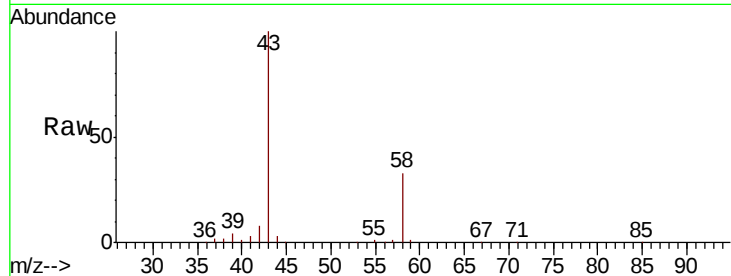




#13
Acetone
Concen: 81.770 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.04 min
Lab File: VU037460.D
Acq: 30 Mar 2020 13:53

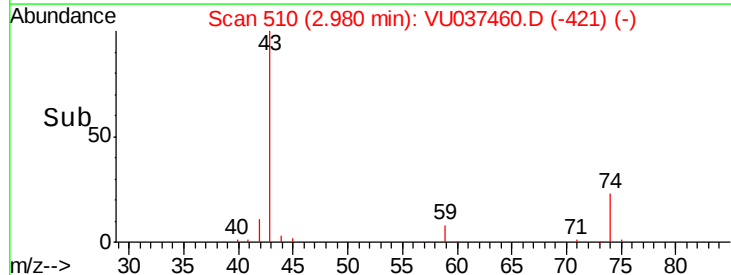
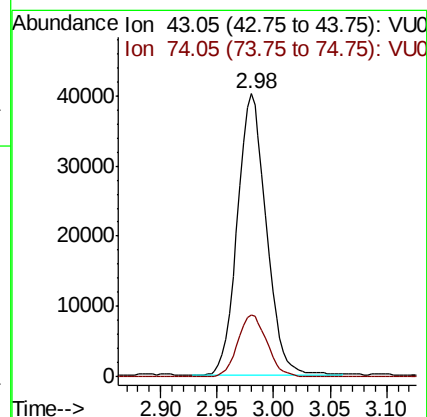
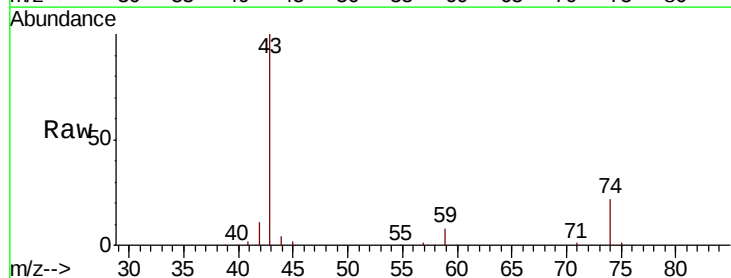
Instrument :
MSVOA_U
ClientSampleId :

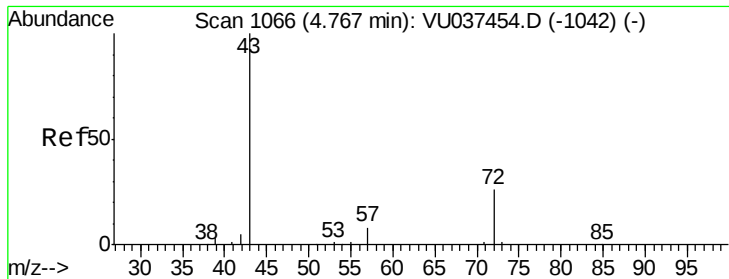
Tot Ion: 43 Resp: 97519
Ion Ratio Lower Upper
43 100
58 33.2 0.0 66.0



#15
Methyl Acetate
Concen: 21.451 ug/L
RT: 2.98 min Scan# 510
Delta R.T. -0.01 min
Lab File: VU037460.D
Acq: 30 Mar 2020 13:53

Tgt Ion: 43 Resp: 71473
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.6





#21

2-Butanone

Concen: 852.818 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU037460.D

Acq: 30 Mar 2020 13:53

Instrument :

MSVOA_U

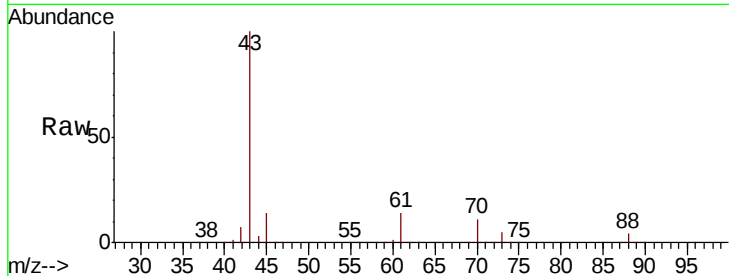
ClientSampleId :

Tot Ion: 43 Resp: 1729041

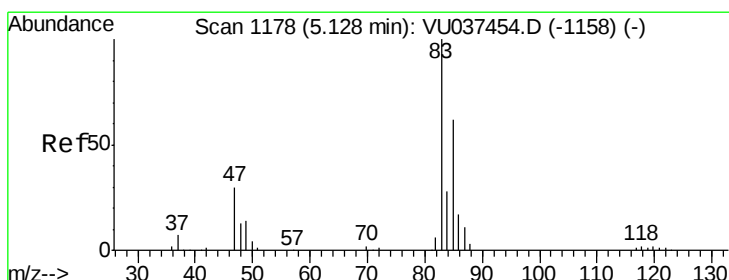
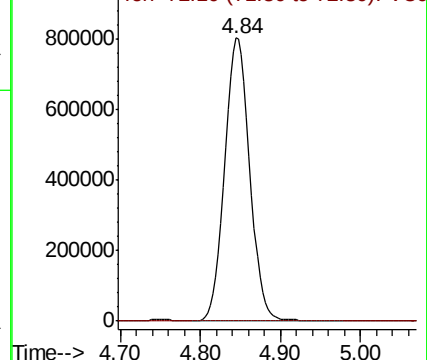
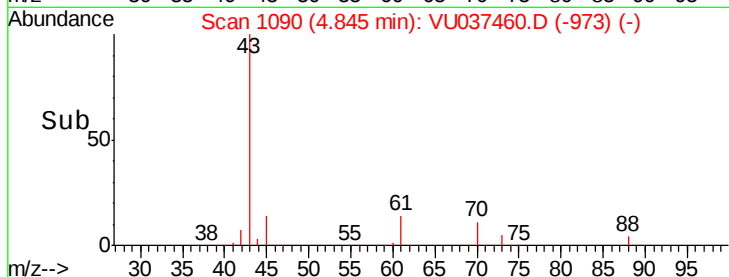
Ion Ratio Lower Upper

43 100

72 0.0 14.2 42.6#



Abundance Ion 43.05 (42.75 to 43.75): VU037460.D (-973) (-)



#25

Chloroform

Concen: 0.324 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037460.D

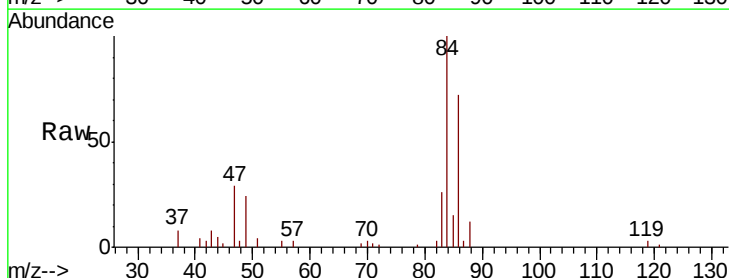
Acq: 30 Mar 2020 13:53

Tgt Ion: 83 Resp: 4514

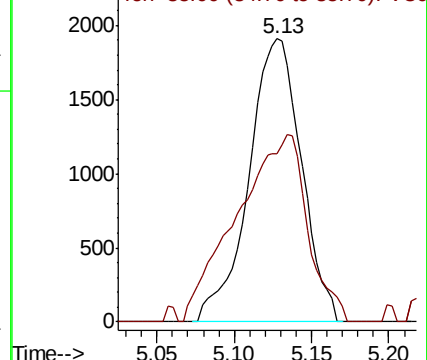
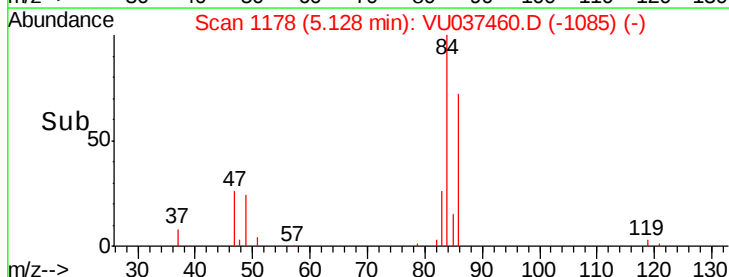
Ion Ratio Lower Upper

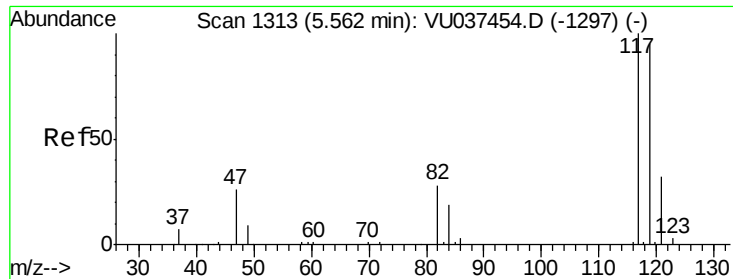
83 100

85 59.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037460.D (-1085) (-)

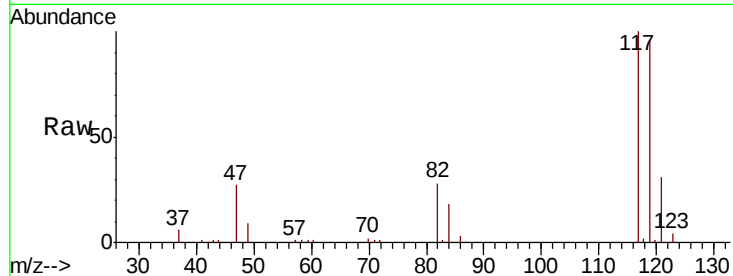




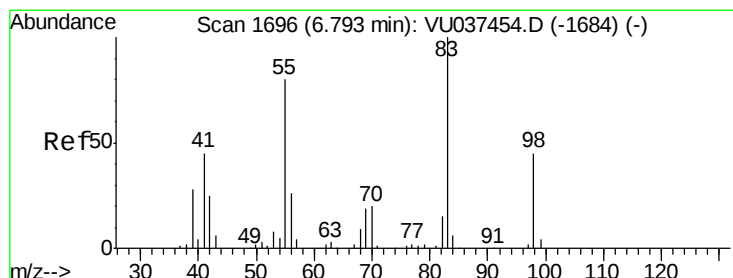
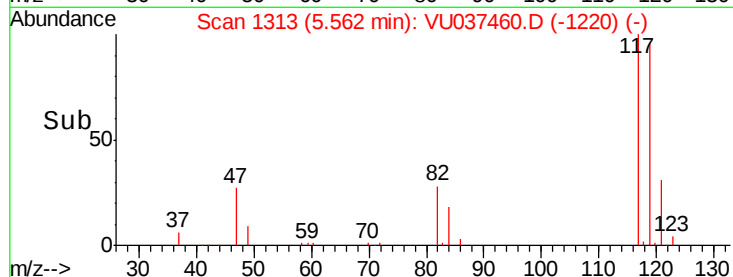
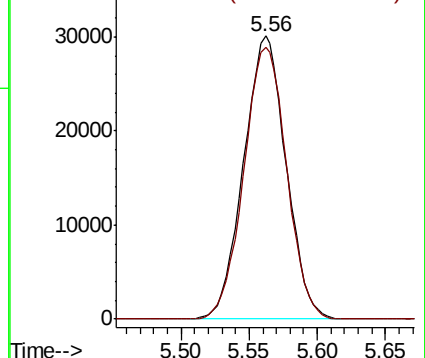
#31
Carbon tetrachloride
Concen: 6.131 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037460.D
Acq: 30 Mar 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 64933
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5

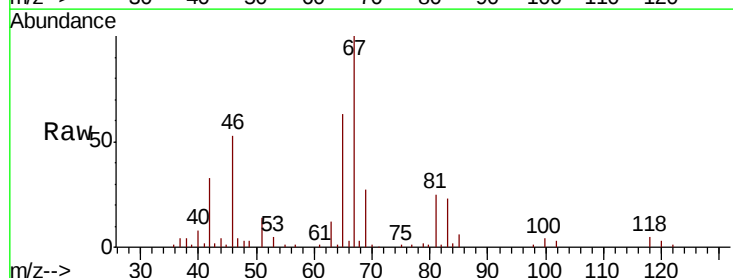


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

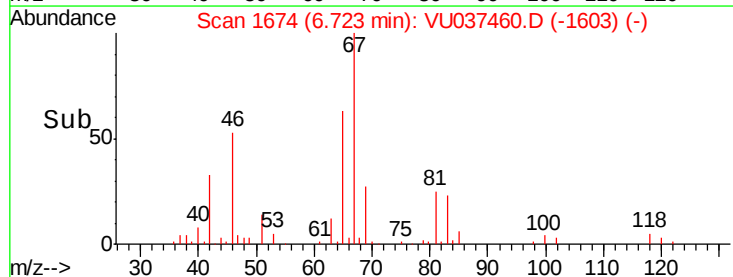
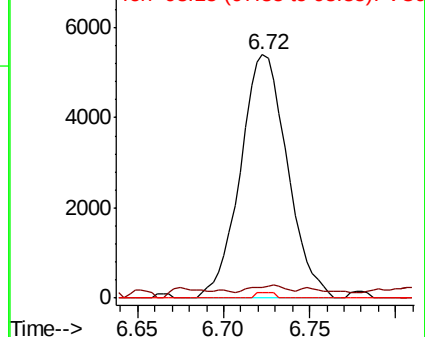


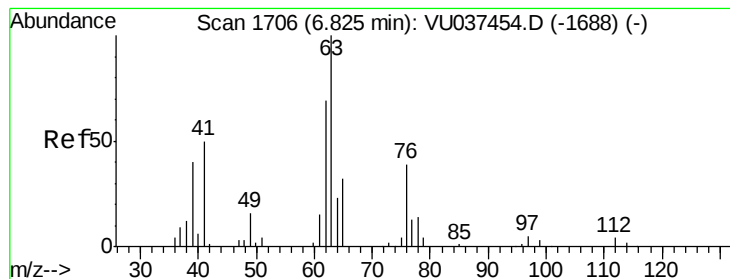
#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037460.D
Acq: 30 Mar 2020 13:53

Tgt Ion: 83 Resp: 10224
Ion Ratio Lower Upper
83 100
55 1.8 64.2 96.4#
98 0.9 36.3 54.5#



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: 0.699 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037460.D

Acq: 30 Mar 2020 13:53

Instrument :

MSVOA_U

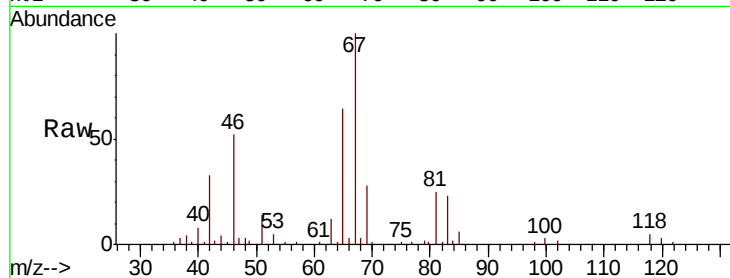
ClientSampleId :

Tot Ion: 63 Resp: 5219

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037454.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU037454.D (-1688) (-)

6.73

3000

2500

2000

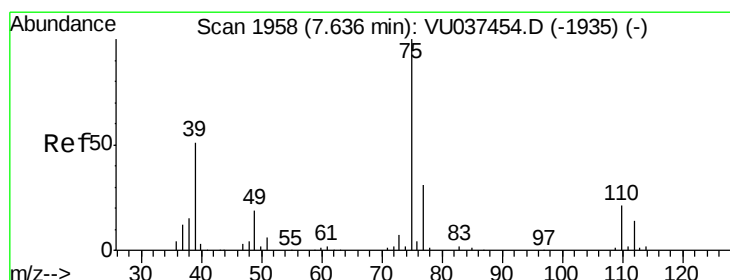
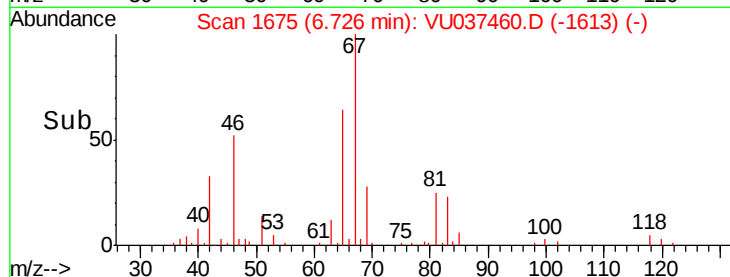
1500

1000

500

0

Time--> 6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037460.D

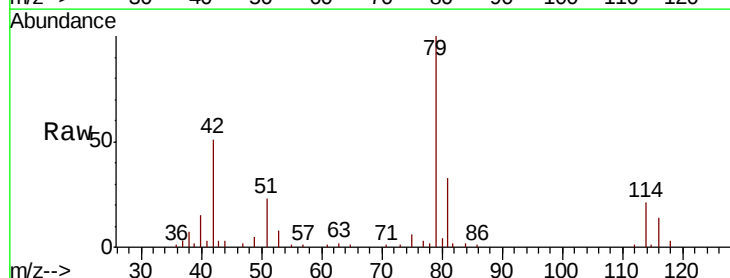
Acq: 30 Mar 2020 13:53

Tgt Ion: 75 Resp: 1451

Ion Ratio Lower Upper

75 100

77 56.3 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU037454.D (-1935) (-)

Ion 77.05 (76.75 to 77.75): VU037454.D (-1935) (-)

7.59

1000

800

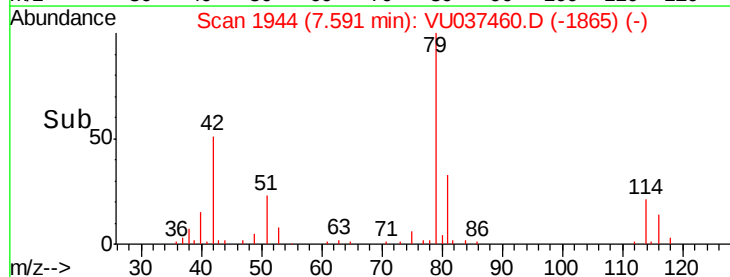
600

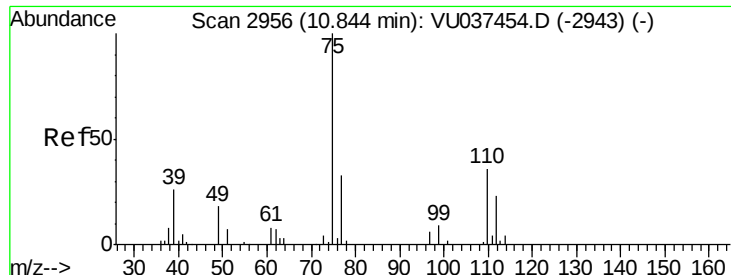
400

200

0

Time--> 7.55 7.60





#59
 1,2,3-Trichloropropane
 Concen: 1.357 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037460.D
 Acq: 30 Mar 2020 13:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7051
 Ion Ratio Lower Upper
 75 100
 77 36.8 27.4 41.2

