

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037461.D
 Acq On : 30 Mar 2020 14:18
 Operator : JC/MD
 Sample : L2001-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:39 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	100869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	93780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31474	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.93	69	28443	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	49981	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.67	46	106570	52.51	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.11	84	64977	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.74	65	38891	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	134163	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	44444	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.93	98	123041	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	18124	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.66	63	88913	53.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35544	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	45354	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

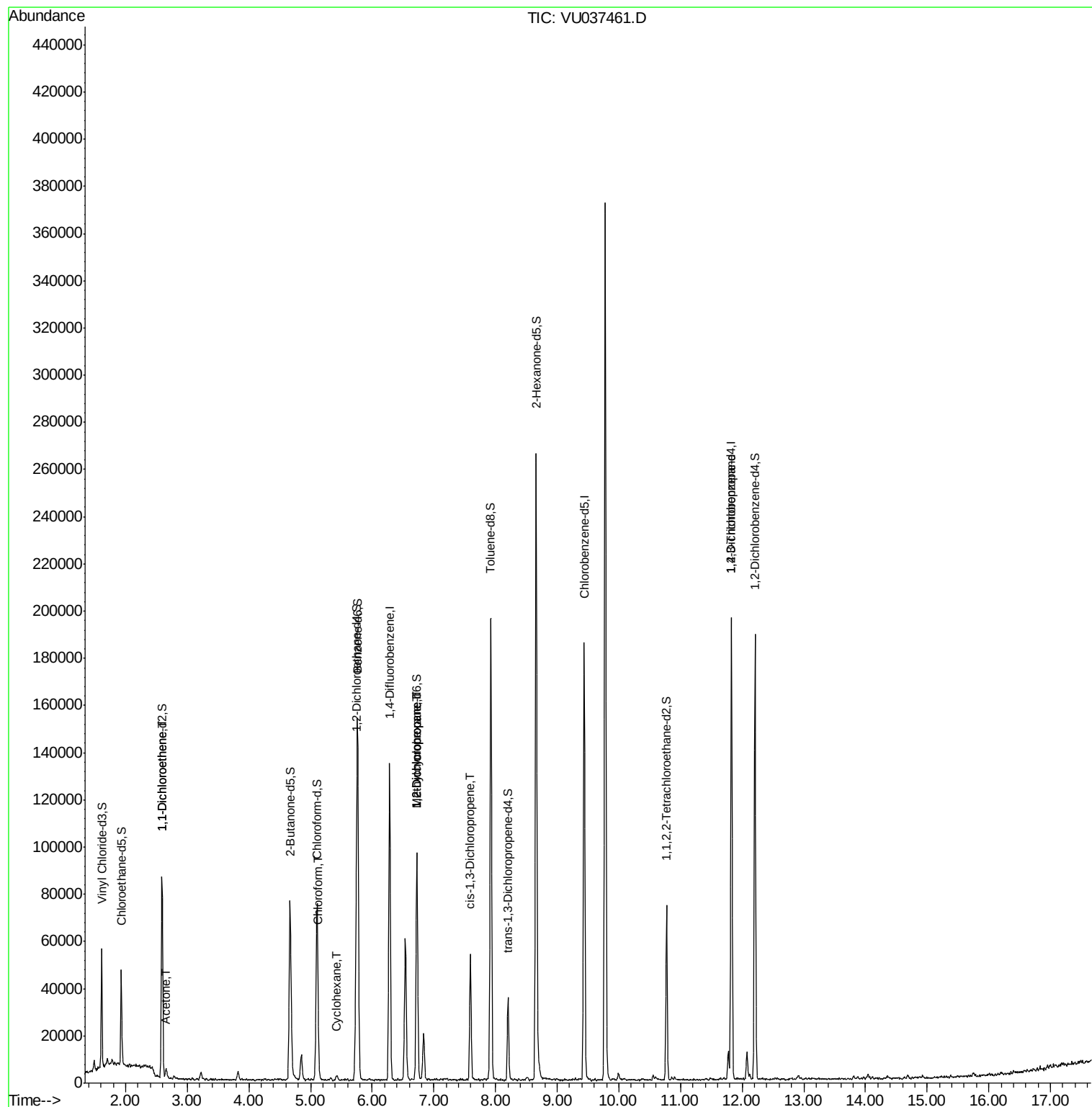
					Ovalue
12) 1,1-Dichloroethene	2.59	96	527	0.079 ug/L #	1
13) Acetone	2.66	43	4275	3.666 ug/L	97
25) Chloroform	5.13	83	3827	0.281 ug/L	84
30) Cyclohexane	5.43	56	1083	0.090 ug/L #	64
35) Methylcyclohexane	6.72	83	10612	0.848 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	4811	0.670 ug/L #	1
39) cis-1,3-Dichloropropene	7.59	75	1443	0.123 ug/L #	58
59) 1,2,3-Trichloropropane	11.83	75	6384	1.278 ug/L	90

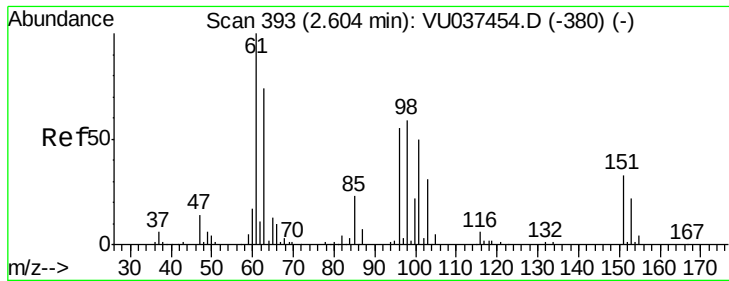
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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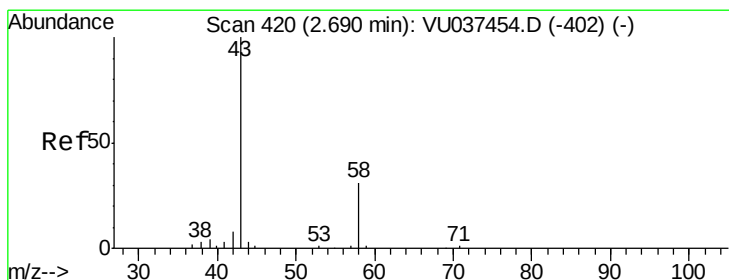
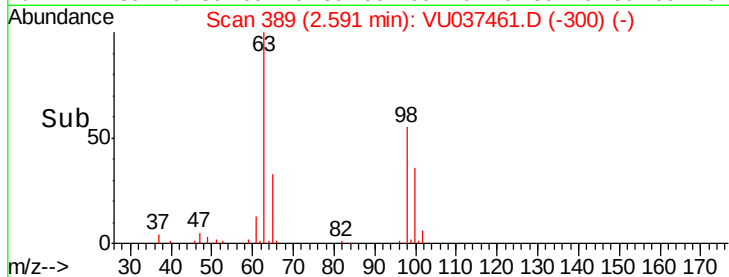
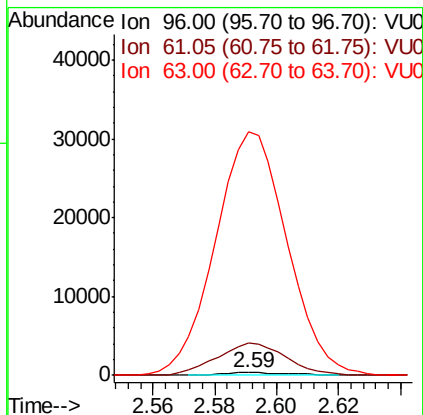
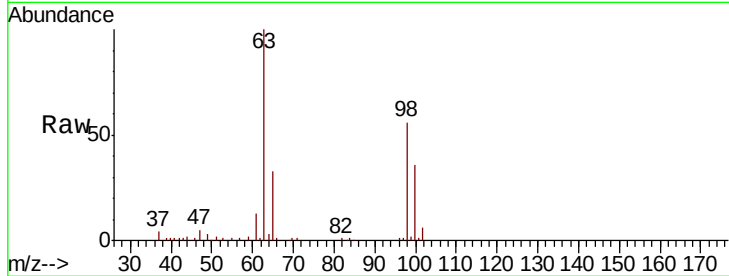




#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU037461.D
 Acq: 30 Mar 2020 14:18

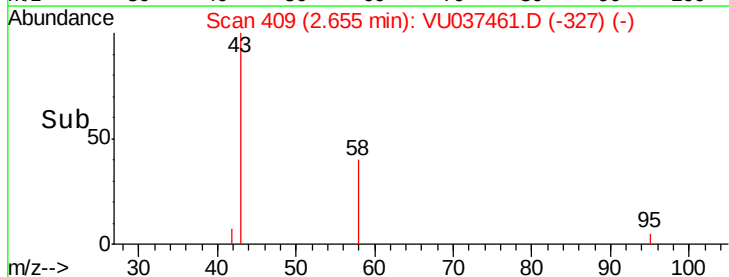
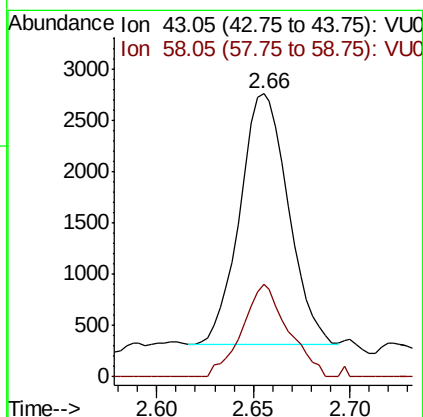
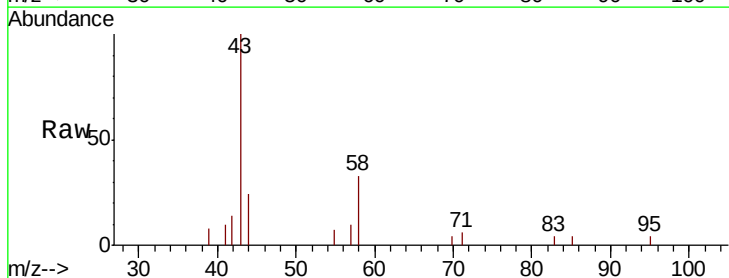
Instrument :
 MSVOA_U
 ClientSampled :

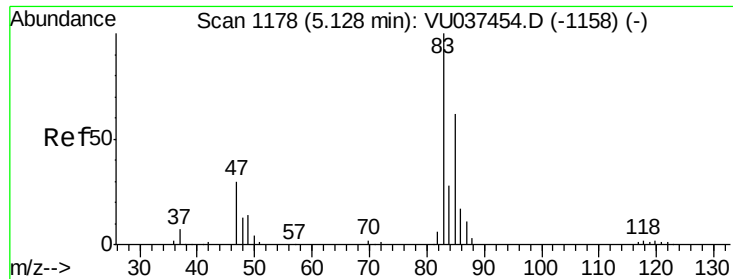
Tot Ion: 96 Resp: 527
 Ion Ratio Lower Upper
 96 100
 61 1163.5 125.4 232.8#
 63 8750.1 90.9 168.7#



#13
 Acetone
 Concen: 3.666 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.04 min
 Lab File: VU037461.D
 Acq: 30 Mar 2020 14:18

Tgt Ion: 43 Resp: 4275
 Ion Ratio Lower Upper
 43 100
 58 34.9 0.0 66.0

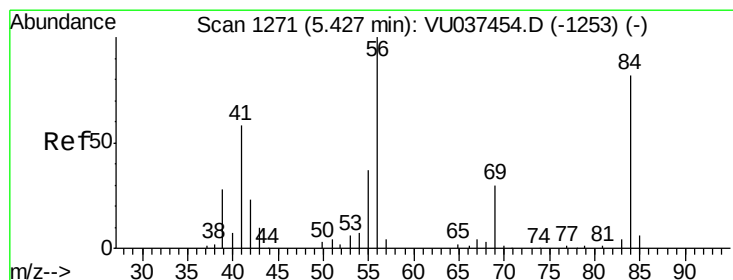
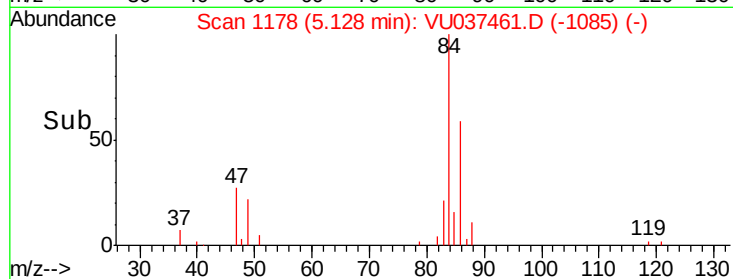
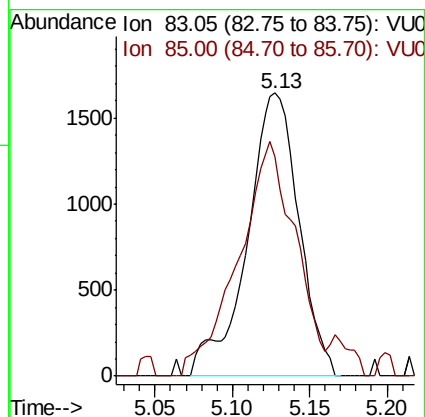
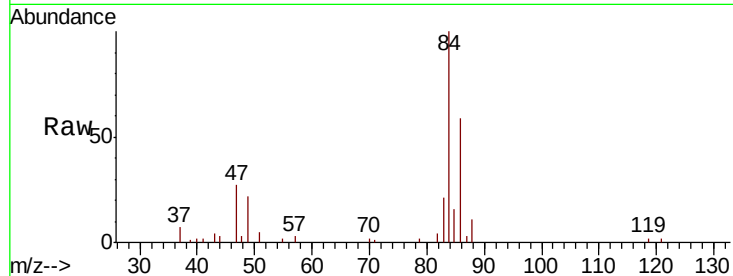




#25
Chloroform
Concen: 0.281 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037461.D
Acq: 30 Mar 2020 14:18

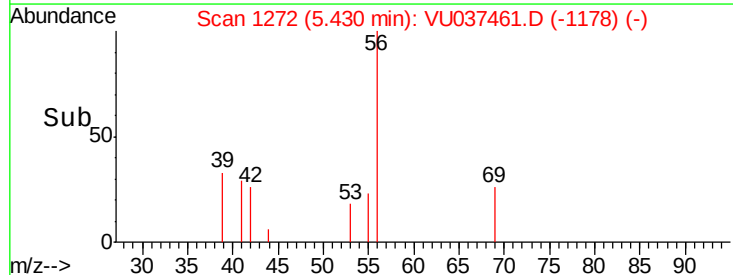
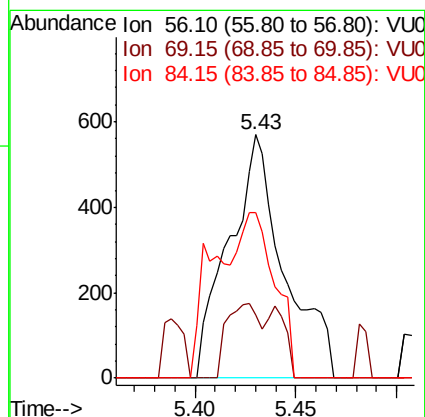
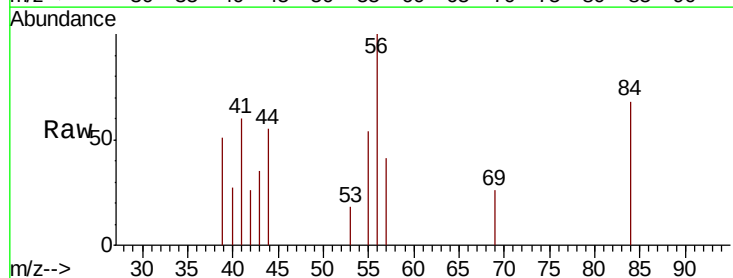
Instrument :
MSVOA_U
ClientSampleId :

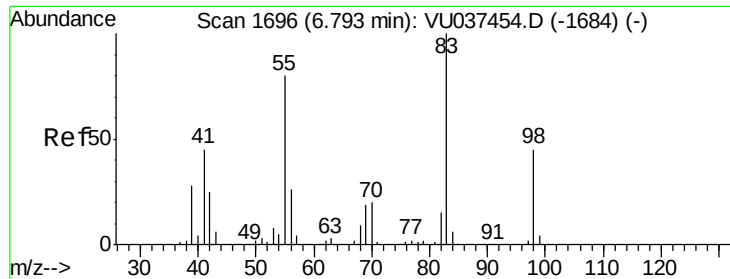
Tot Ion: 83 Resp: 3827
Ion Ratio Lower Upper
83 100
85 77.3 45.4 84.4



#30
Cyclohexane
Concen: 0.090 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU037461.D
Acq: 30 Mar 2020 14:18

Tgt Ion: 56 Resp: 1083
Ion Ratio Lower Upper
56 100
69 18.6 25.7 38.5#
84 46.6 67.1 100.7#





#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037461.D

Acq: 30 Mar 2020 14:18

Instrument :
MSVOA_U
ClientSampleId :

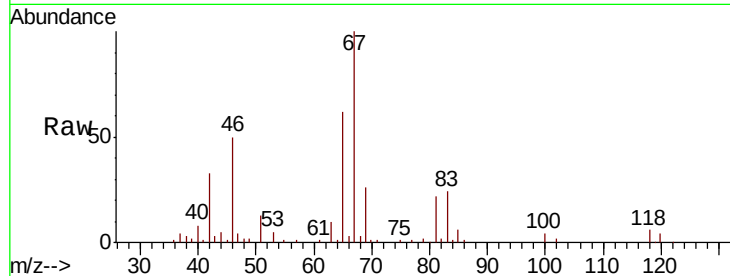
Tot Ion: 83 Resp: 10612

Ion Ratio Lower Upper

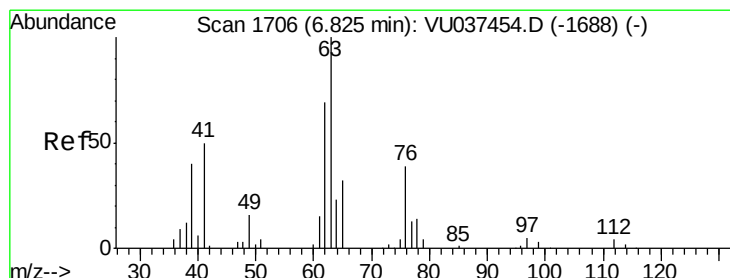
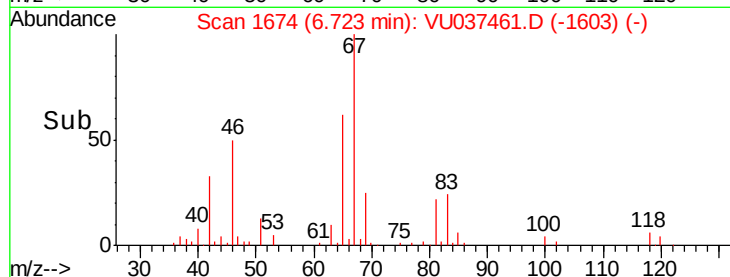
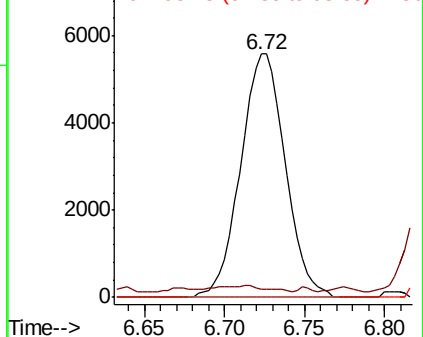
83 100

55 0.0 64.2 96.4#

98 2.2 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: 0.670 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037461.D

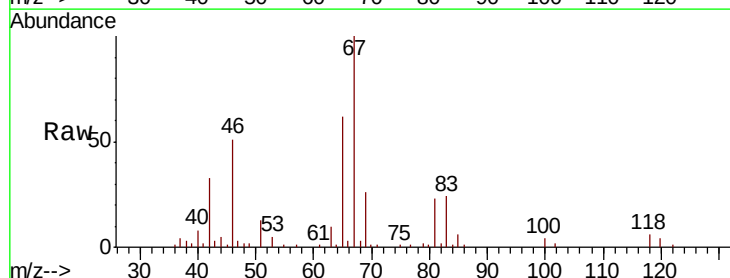
Acq: 30 Mar 2020 14:18

Tgt Ion: 63 Resp: 4811

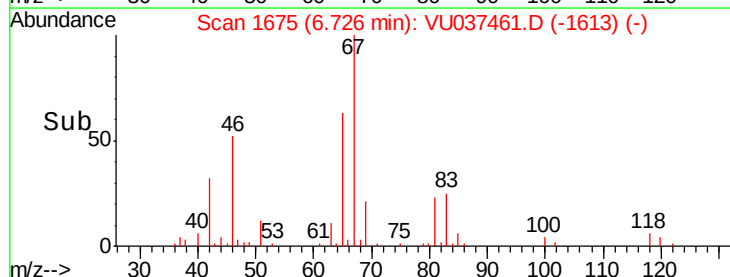
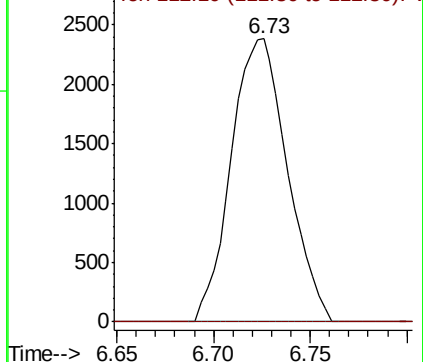
Ion Ratio Lower Upper

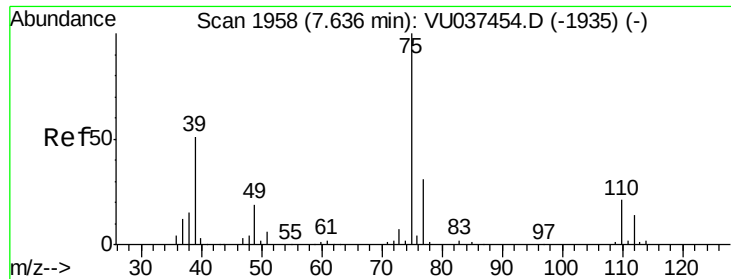
63 100

112 57.7 3.0 4.6#



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: 0.123 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037461.D

Acq: 30 Mar 2020 14:18

Instrument :

MSVOA_U

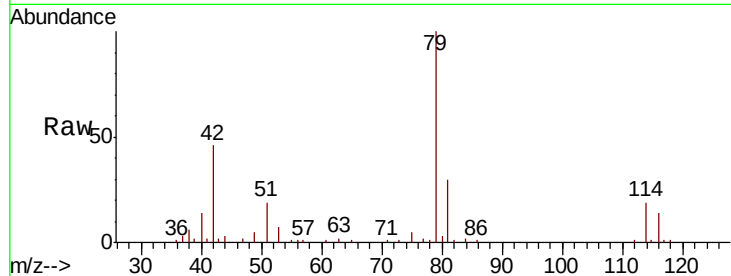
ClientSampled :

Tot Ion: 75 Resp: 1443

Ion Ratio Lower Upper

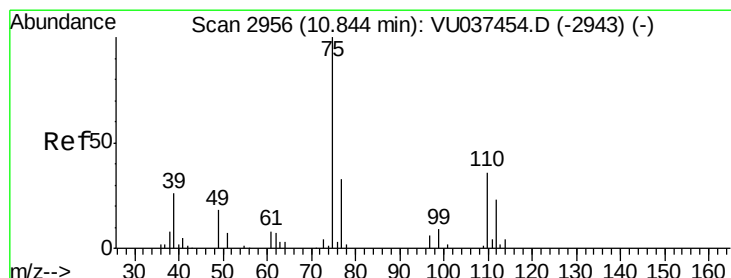
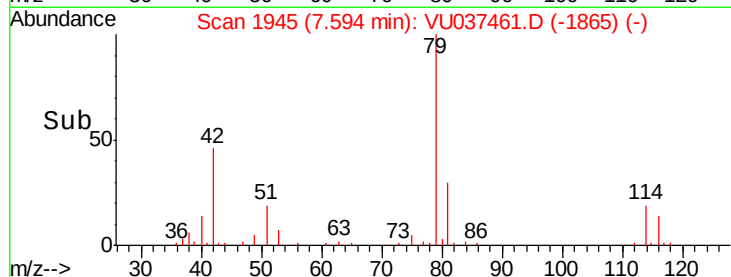
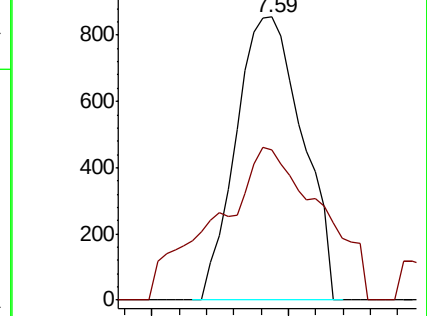
75 100

77 52.9 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.278 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037461.D

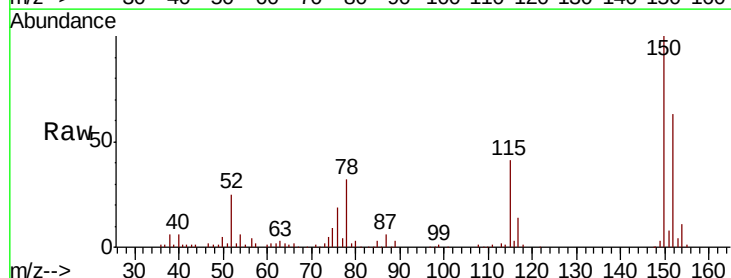
Acq: 30 Mar 2020 14:18

Tgt Ion: 75 Resp: 6384

Ion Ratio Lower Upper

75 100

77 40.2 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

