

Data File : VU036732.D
Acq On : 11 Feb 2020 20:00
Operator : JC/MD
Sample : L1490-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B74

Quant Time: Feb 12 08:16:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120369	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	111926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50607	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.93	69	44337	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	65270	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.69	46	110180	50.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.52%
24) Chloroform-d	5.11	84	76016	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	43386	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.77	84	164780	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	53359	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.93	98	152274	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	19063	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.67	63	93625	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39861	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	46453	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

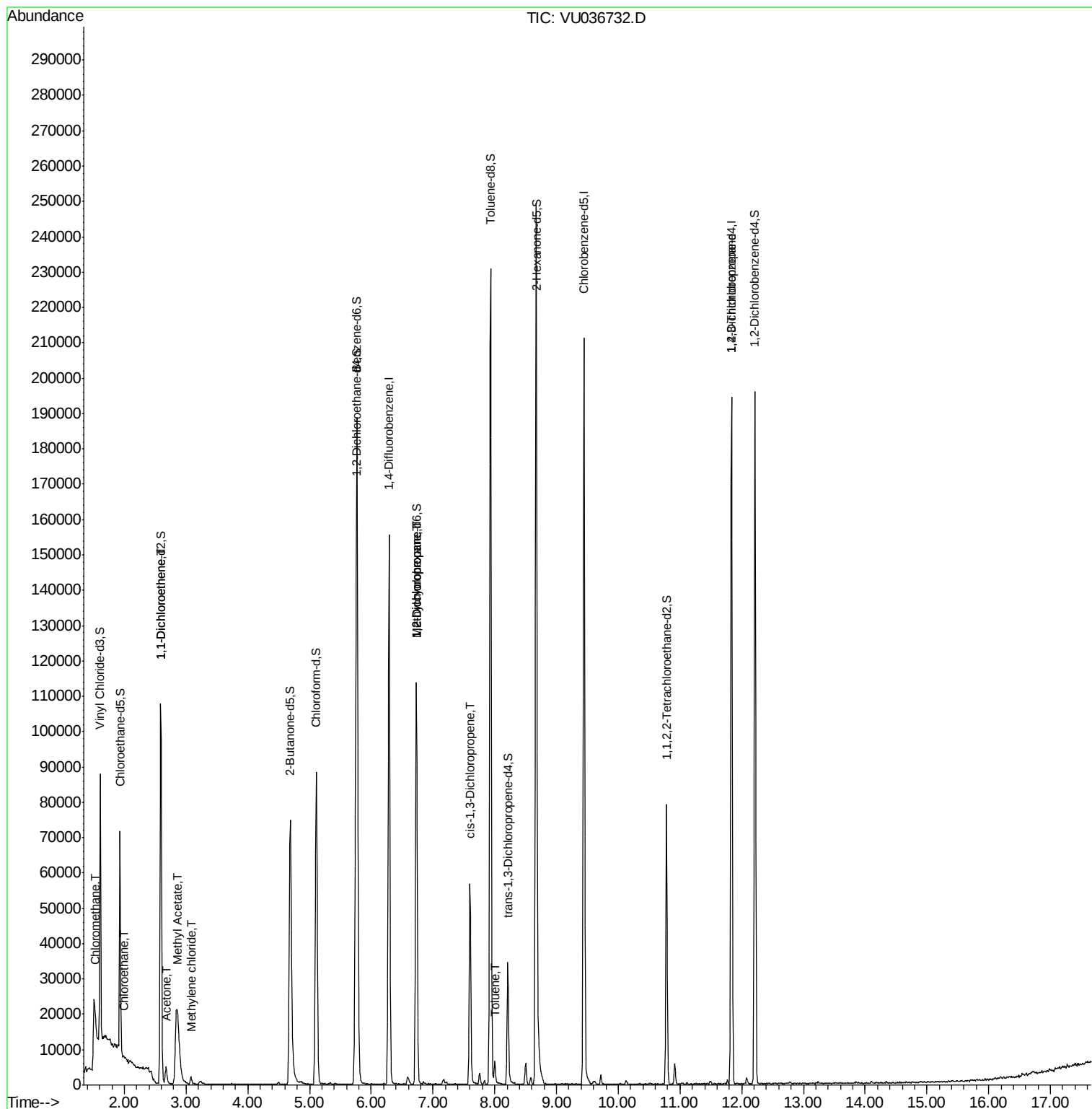
					Qvalue
3) Chloromethane	1.53	50	1440	0.174 ug/L	84
8) Chloroethane	1.99	64	481	0.071 ug/L #	53
12) 1,1-Dichloroethene	2.59	96	483	0.066 ug/L #	1
13) Acetone	2.68	43	6740	2.428 ug/L	96
15) Methyl Acetate	2.85	43	13294	3.609 ug/L #	52
16) Methylene chloride	3.08	84	883	0.072 ug/L	93
35) Methylcyclohexane	6.73	83	11323	0.812 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5969	0.633 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1304	0.096 ug/L #	47
42) Toluene	8.00	91	4416	0.119 ug/L	92
59) 1,2,3-Trichloropropane	11.83	75	7428	1.194 ug/L	95

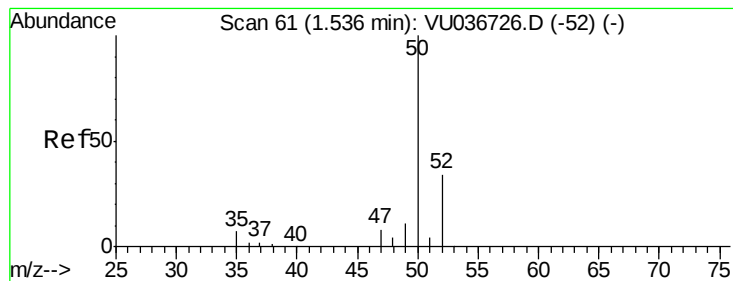
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.174 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036732.D

Acq: 11 Feb 2020 20:00

Instrument :

MSVOA_U

ClientSampleId :

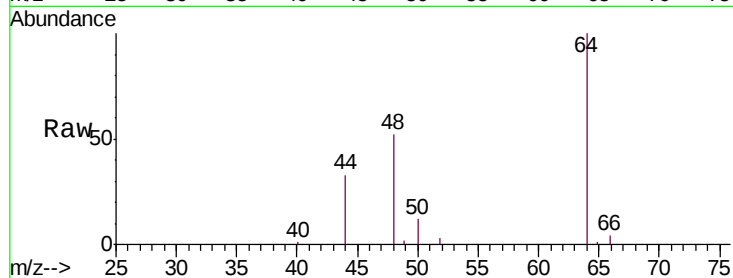
C0B74

Tgt Ion: 50 Resp: 1440

Ion Ratio Lower Upper

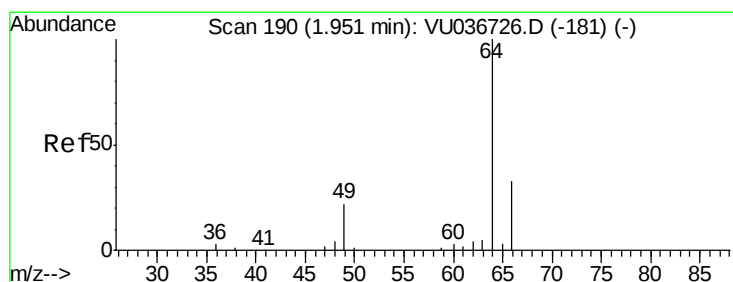
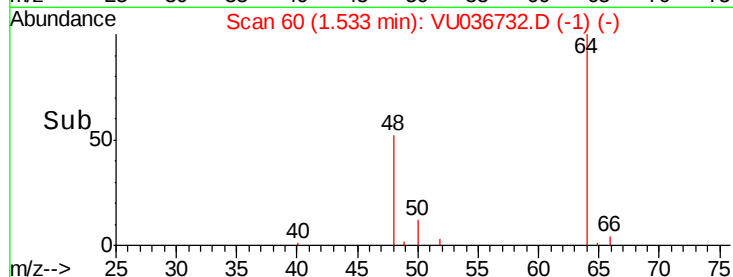
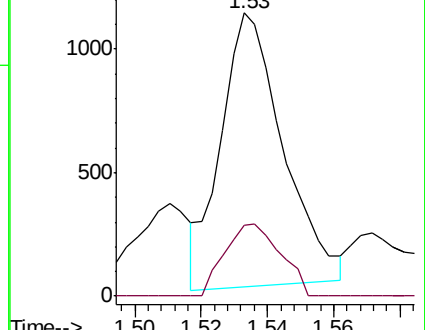
50 100

52 25.1 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036732.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036732.D (-52) (-)



#8

Chloroethane

Concen: 0.071 ug/L

RT: 1.99 min Scan# 201

Delta R.T. 0.04 min

Lab File: VU036732.D

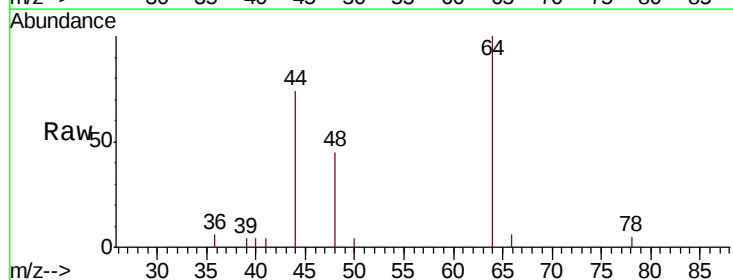
Acq: 11 Feb 2020 20:00

Tgt Ion: 64 Resp: 481

Ion Ratio Lower Upper

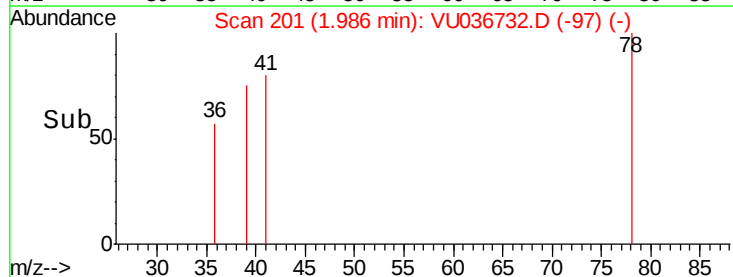
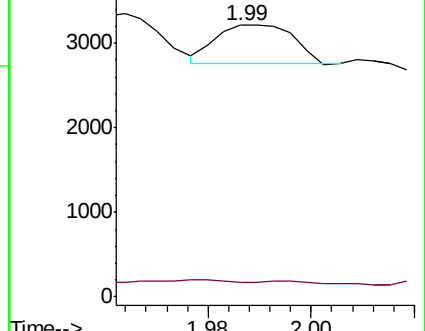
64 100

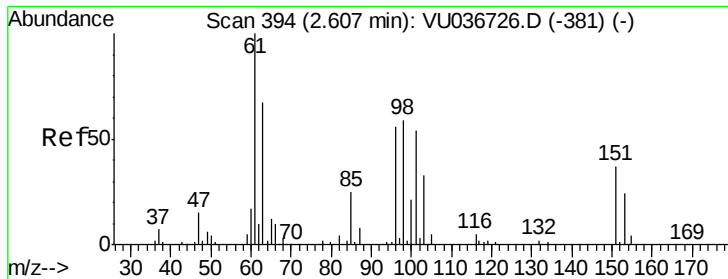
66 5.5 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VU036732.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU036732.D (-181) (-)





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036732.D

Acq: 11 Feb 2020 20:00

Instrument :

MSVOA_U

ClientSampled :

C0B74

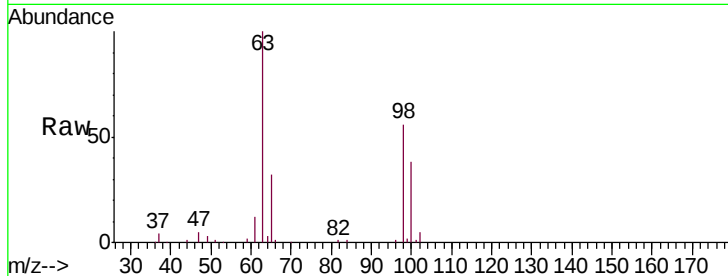
Tgt Ion: 96 Resp: 483

Ion Ratio Lower Upper

96 100

61 1480.9 126.4 234.8#

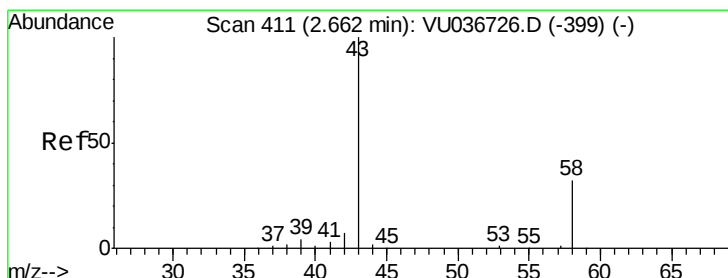
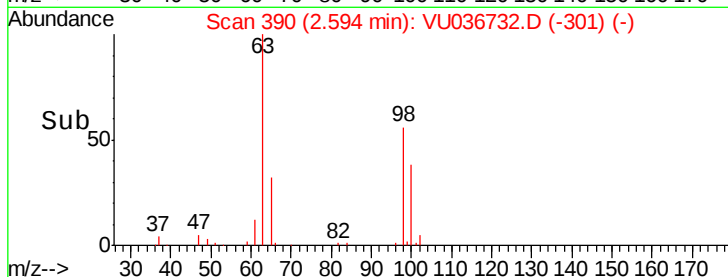
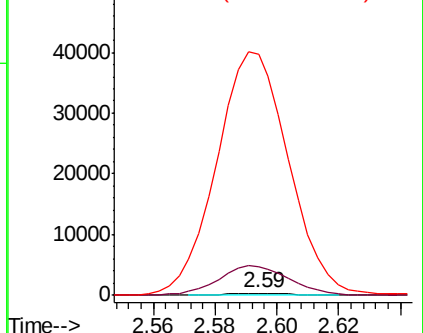
63 12269.1 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036732.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU036732.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU036732.D (-390) (-)



#13

Acetone

Concen: 2.428 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036732.D

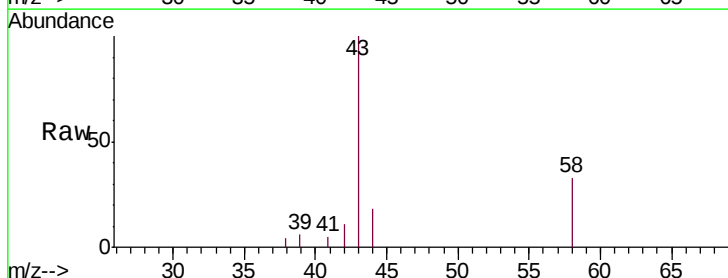
Acq: 11 Feb 2020 20:00

Tgt Ion: 43 Resp: 6740

Ion Ratio Lower Upper

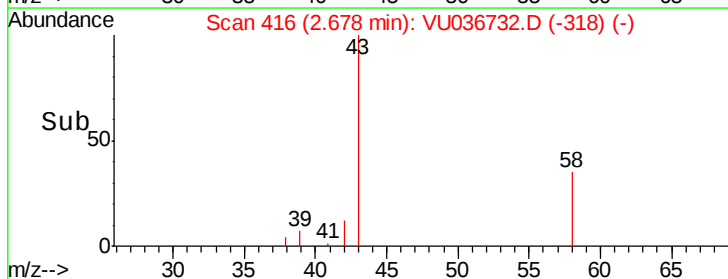
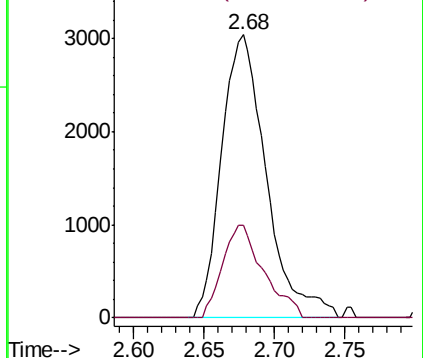
43 100

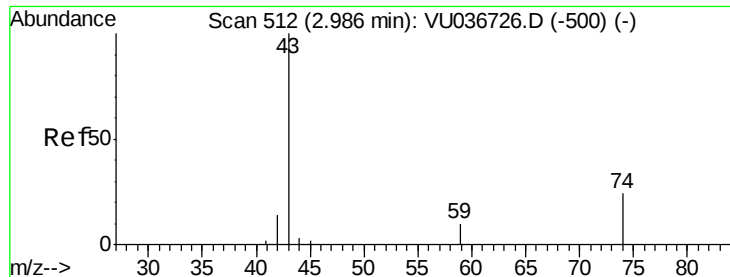
58 30.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036732.D (-416) (-)

Ion 58.05 (57.75 to 58.75): VU036732.D (-416) (-)





#15

Methyl Acetate

Concen: 3.609 ug/L

RT: 2.85 min Scan# 470

Delta R.T. -0.14 min

Lab File: VU036732.D

Acq: 11 Feb 2020 20:00

Instrument :

MSVOA_U

ClientSampleId :

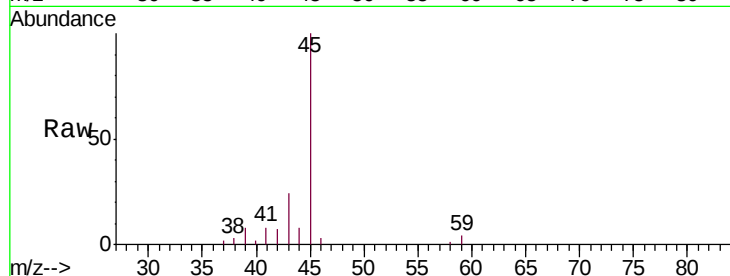
C0B74

Tgt Ion: 43 Resp: 13294

Ion Ratio Lower Upper

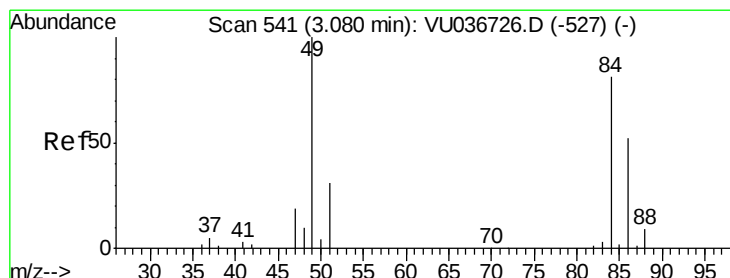
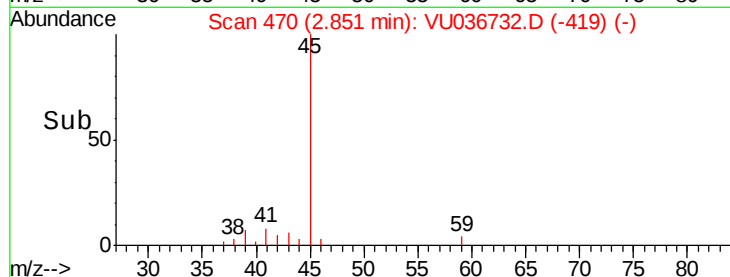
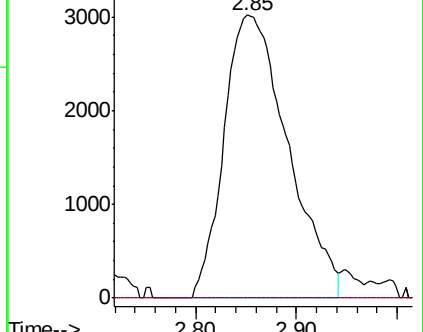
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036732.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU036732.D (-419) (-)



#16

Methylene chloride

Concen: 0.072 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036732.D

Acq: 11 Feb 2020 20:00

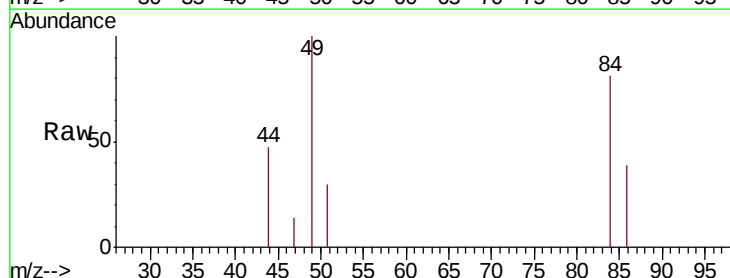
Tgt Ion: 84 Resp: 883

Ion Ratio Lower Upper

84 100

86 48.6 44.7 82.9

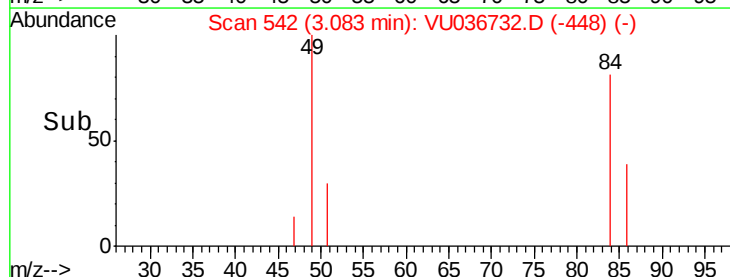
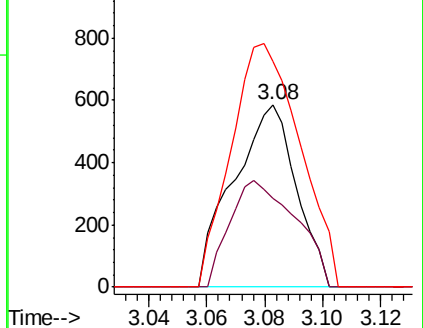
49 123.3 86.7 160.9

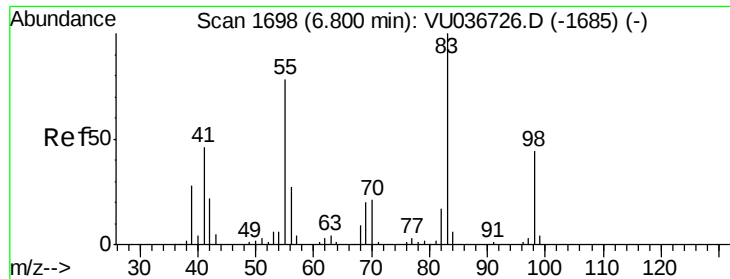


Abundance Ion 84.05 (83.75 to 84.75): VU036732.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036732.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036732.D (-448) (-)

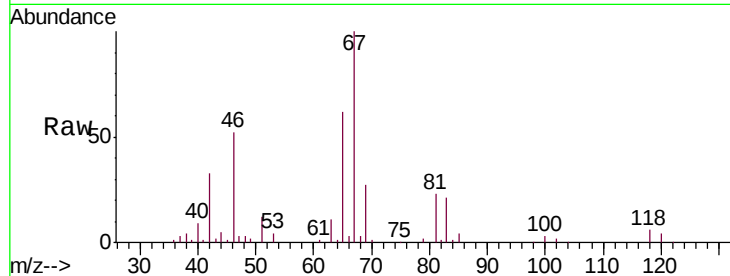




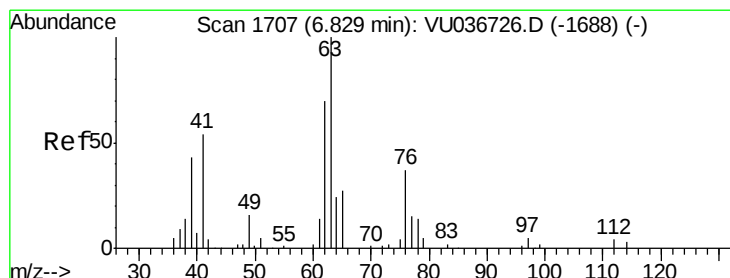
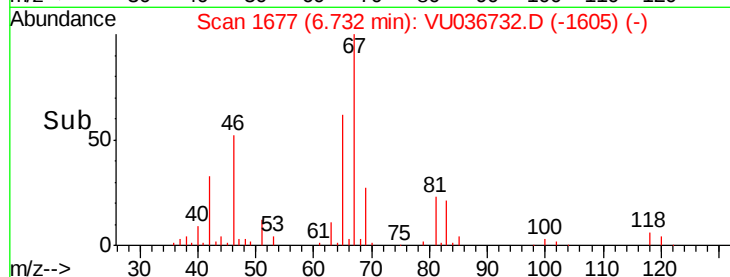
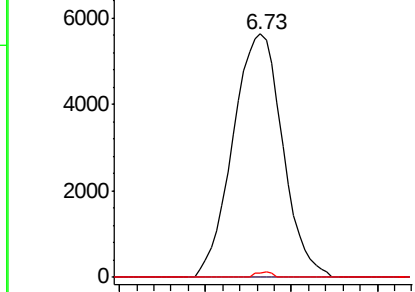
#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036732.D
Acq: 11 Feb 2020 20:00

Instrument :
MSVOA_U
ClientSampleId :
C0B74

Tgt Ion: 83 Resp: 11323
Ion Ratio Lower Upper
83 100
55 0.6 61.0 91.4#
98 0.7 34.2 51.4#

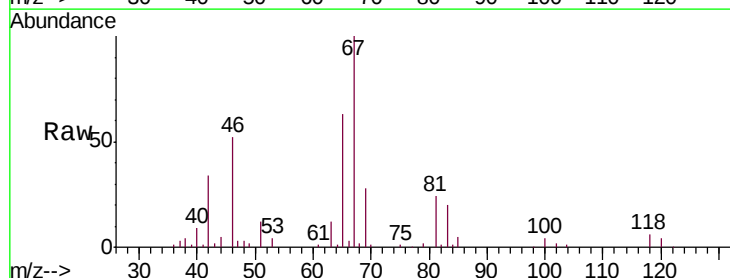


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

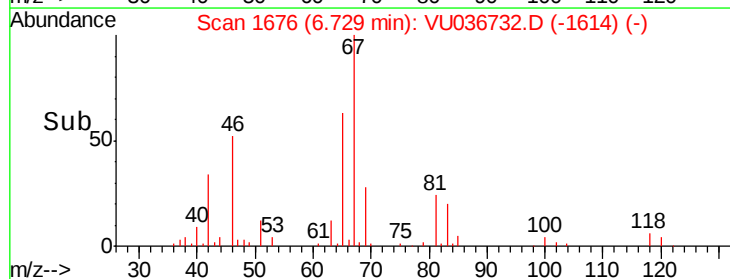
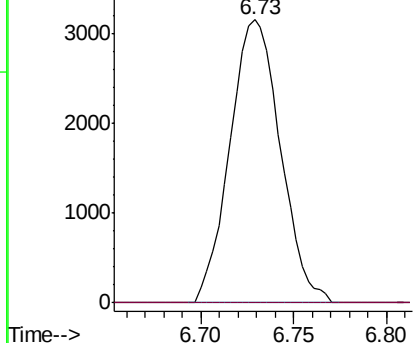


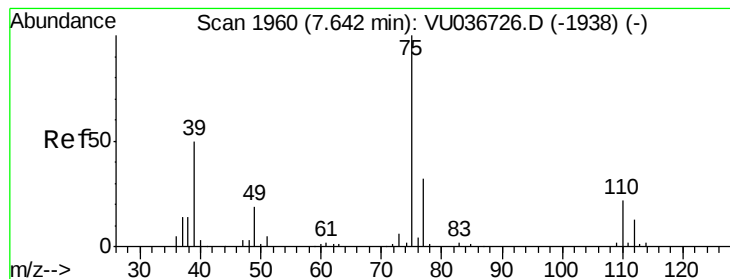
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036732.D
Acq: 11 Feb 2020 20:00

Tgt Ion: 63 Resp: 5969
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: 0.096 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036732.D

Acq: 11 Feb 2020 20:00

Instrument :

MSVOA_U

ClientSampleId :

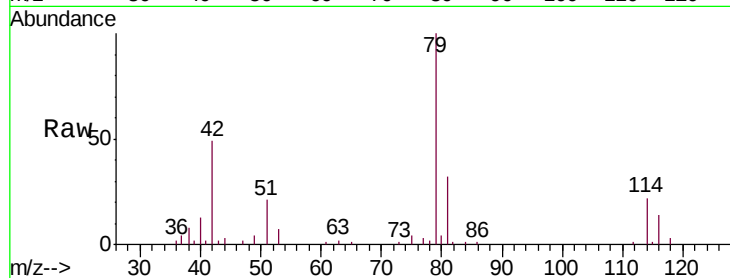
C0B74

Tgt Ion: 75 Resp: 1304

Ion Ratio Lower Upper

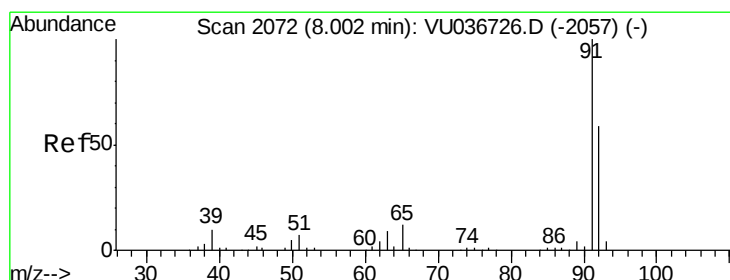
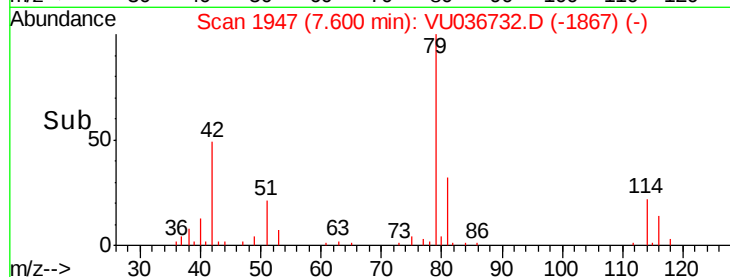
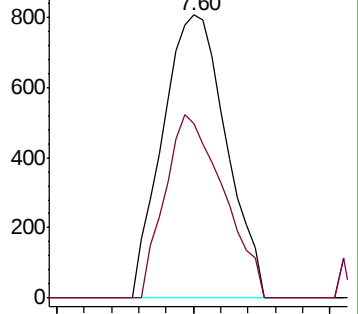
75 100

77 61.9 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#42

Toluene

Concen: 0.119 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036732.D

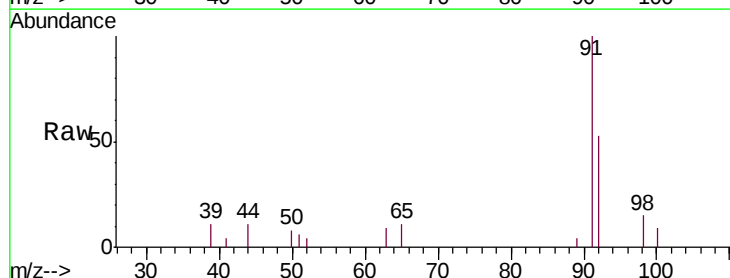
Acq: 11 Feb 2020 20:00

Tgt Ion: 91 Resp: 4416

Ion Ratio Lower Upper

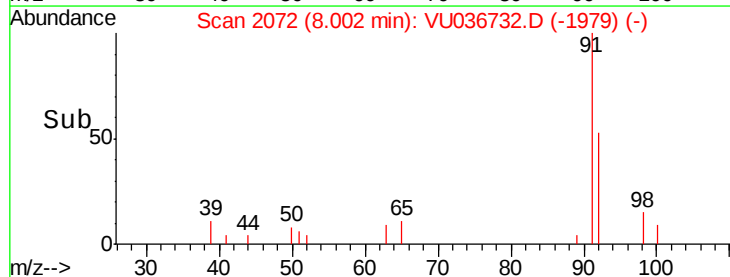
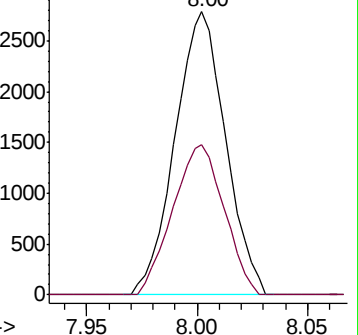
91 100

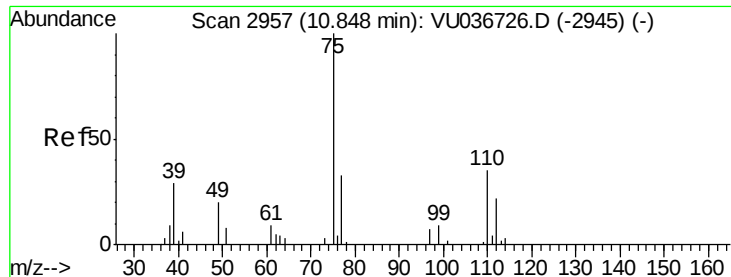
92 53.0 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.194 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036732.D

Acq: 11 Feb 2020 20:00

Instrument :

MSVOA_U

ClientSampleId :

C0B74

Tgt Ion: 75 Resp: 7428

Ion Ratio Lower Upper

75 100

77 34.7 25.6 38.4

