

Data File : VU036733.D
Acq On : 11 Feb 2020 20:25
Operator : JC/MD
Sample : K1414-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Quant Time: Feb 12 08:17:03 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	124504	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	116216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48904	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	42911	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	62323	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.69	46	110020	49.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	5.11	84	74350	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	43016	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.77	84	163753	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	51211	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.93	98	148273	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	18935	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.67	63	93606	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39444	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	45702	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

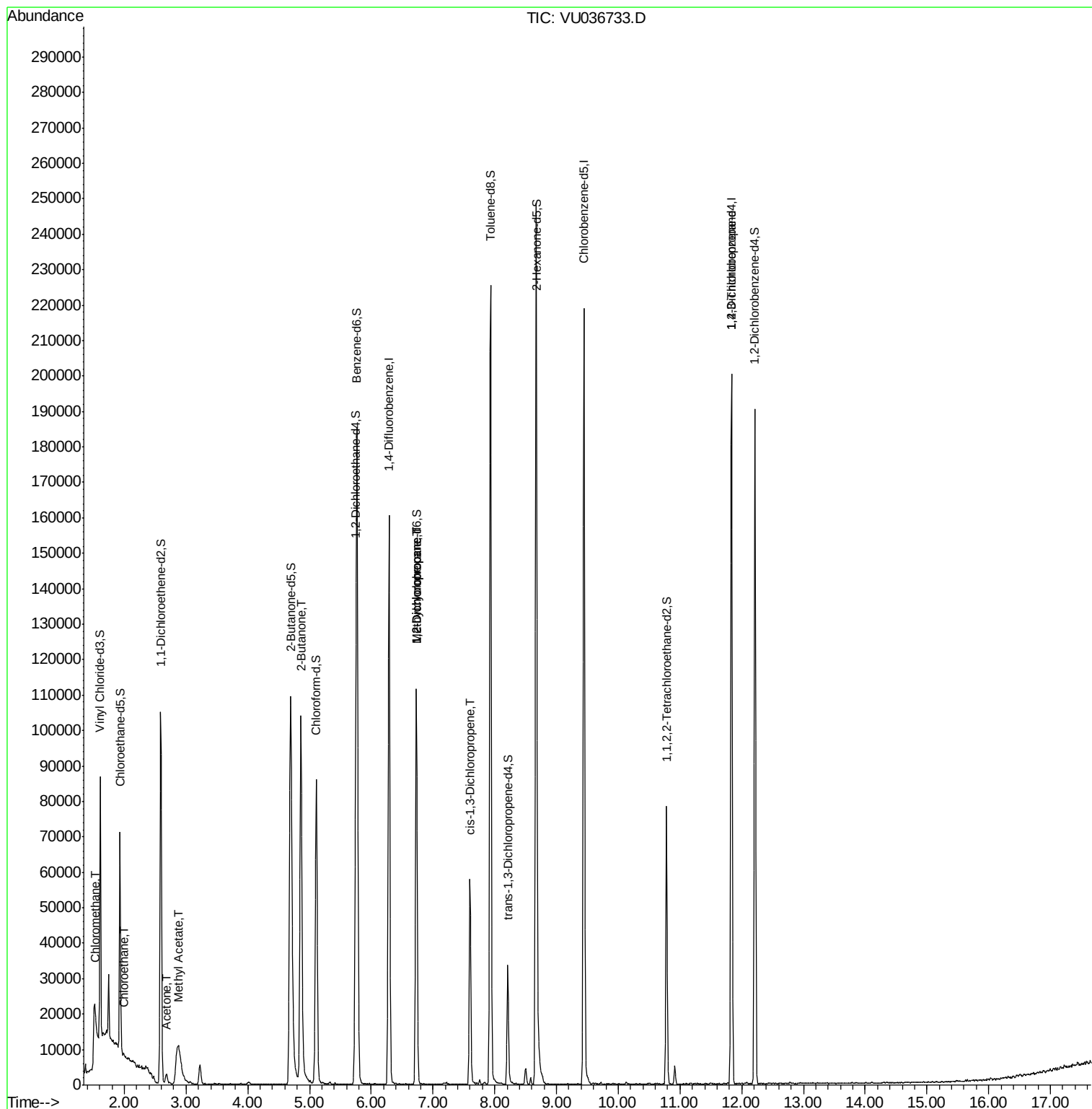
					Qvalue
3) Chloromethane	1.53	50	1704	0.199 ug/L #	77
8) Chloroethane	1.99	64	808	0.116 ug/L #	51
13) Acetone	2.68	43	4206	1.465 ug/L	67
15) Methyl Acetate	2.89	43	6698	1.758 ug/L #	52
21) 2-Butanone	4.86	43	144181	43.169 ug/L #	47
35) Methylcyclohexane	6.73	83	11531	0.796 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5586	0.571 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1371	0.097 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	7468	1.156 ug/L	93

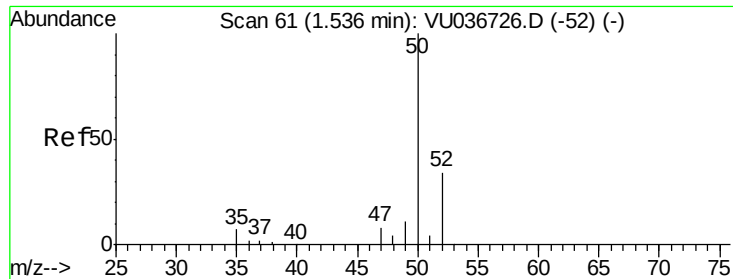
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036733.D

Acq: 11 Feb 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

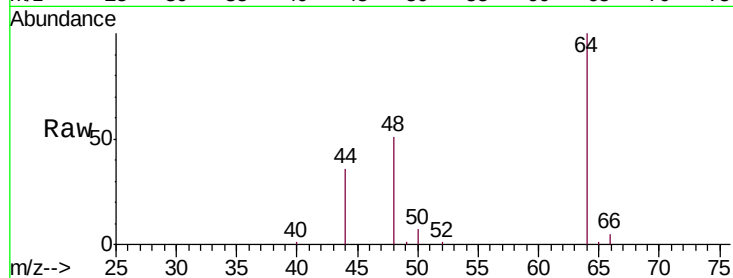
C0AA7

Tgt Ion: 50 Resp: 1704

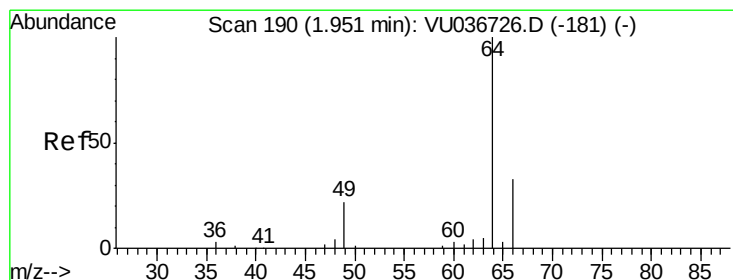
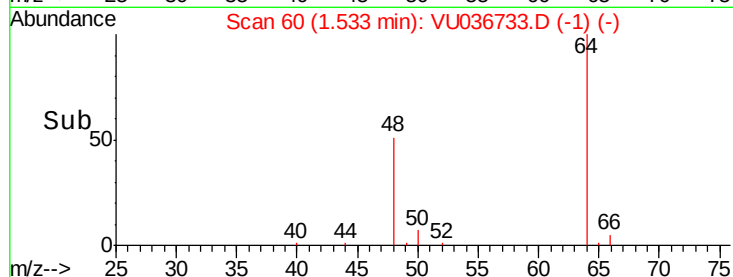
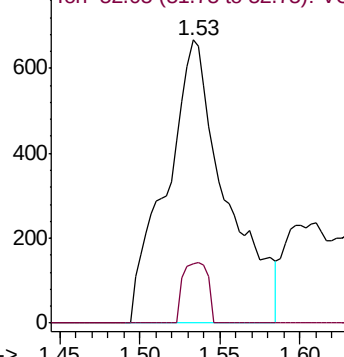
Ion Ratio Lower Upper

50 100

52 21.0 23.8 44.2#



Abundance Ion 50.05 (49.75 to 50.75): VU036733.D (-1) (-)



#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.99 min Scan# 201

Delta R.T. 0.04 min

Lab File: VU036733.D

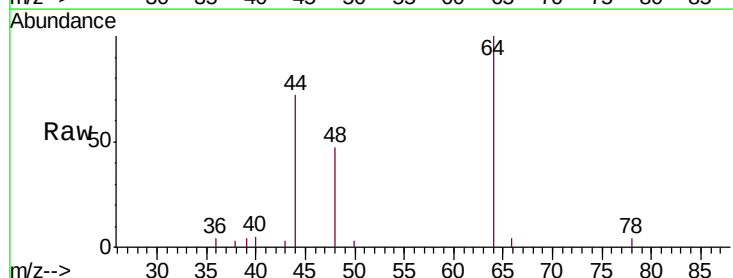
Acq: 11 Feb 2020 20:25

Tgt Ion: 64 Resp: 808

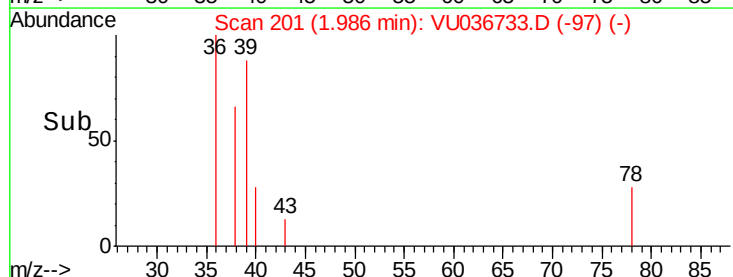
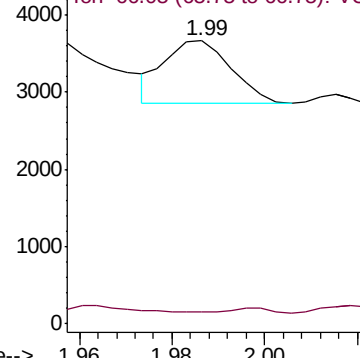
Ion Ratio Lower Upper

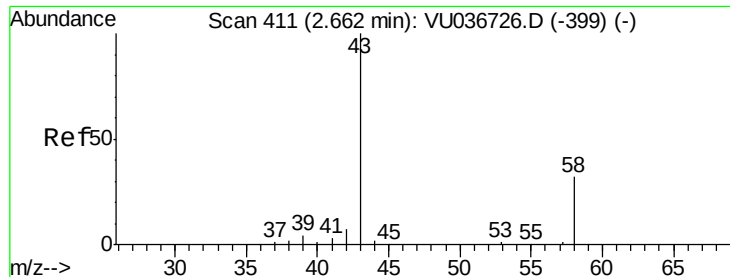
64 100

66 4.2 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VU036733.D (-97) (-)





#13

Acetone

Concen: 1.465 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.02 min

Lab File: VU036733.D

Acq: 11 Feb 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

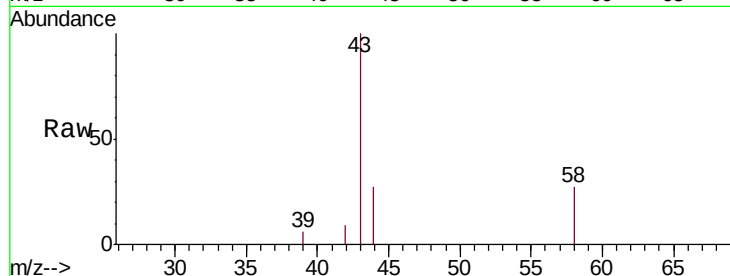
C0AA7

Tgt Ion: 43 Resp: 4206

Ion Ratio Lower Upper

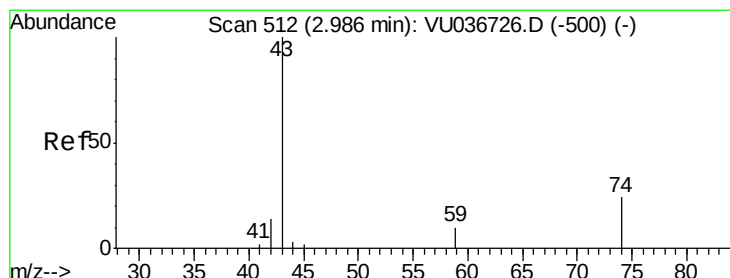
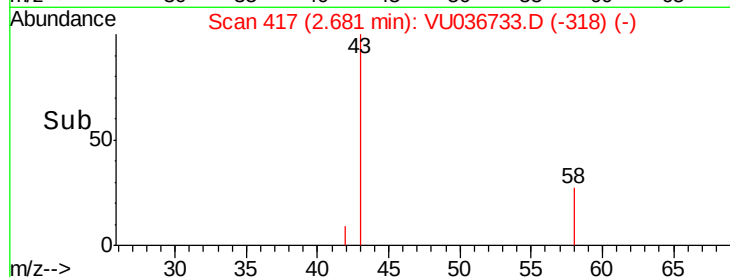
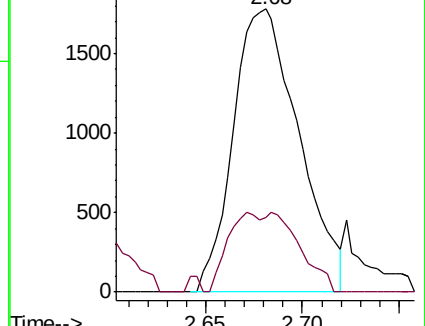
43 100

58 13.8 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036733.D (-417) (-)

Ion 58.05 (57.75 to 58.75): VU036733.D (-417) (-)



#15

Methyl Acetate

Concen: 1.758 ug/L

RT: 2.89 min Scan# 482

Delta R.T. -0.10 min

Lab File: VU036733.D

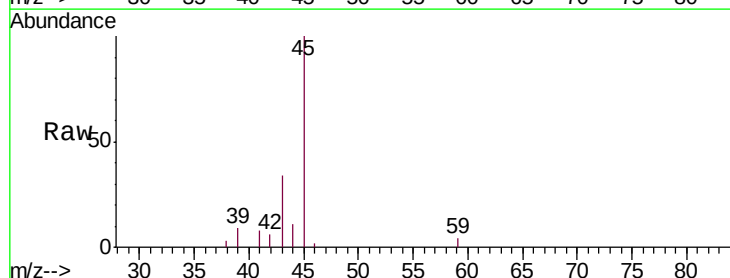
Acq: 11 Feb 2020 20:25

Tgt Ion: 43 Resp: 6698

Ion Ratio Lower Upper

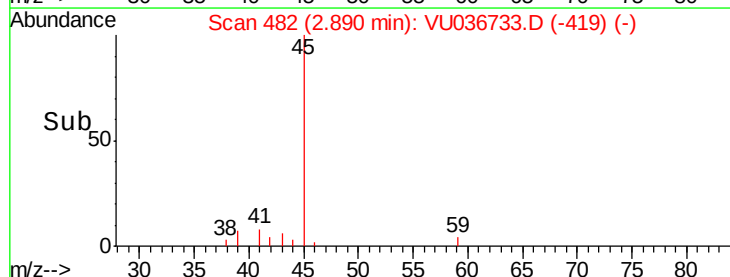
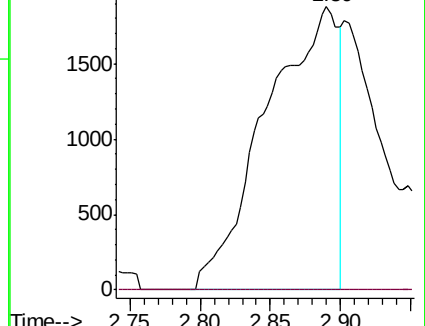
43 100

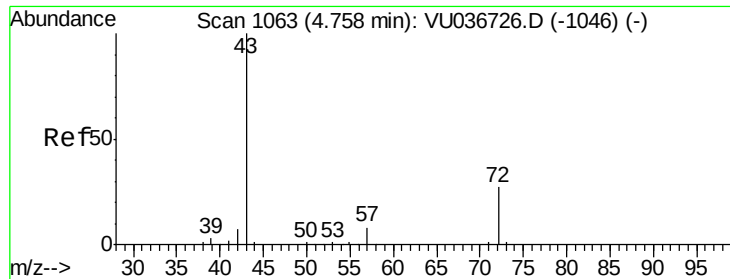
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036733.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU036733.D (-419) (-)

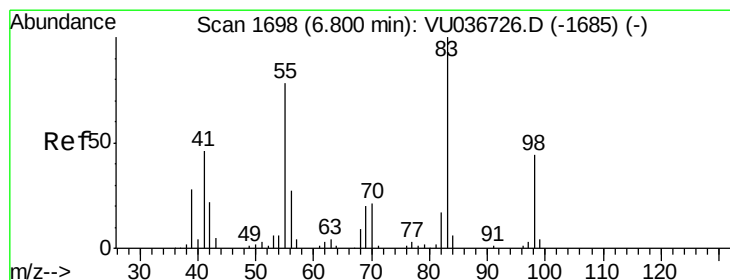
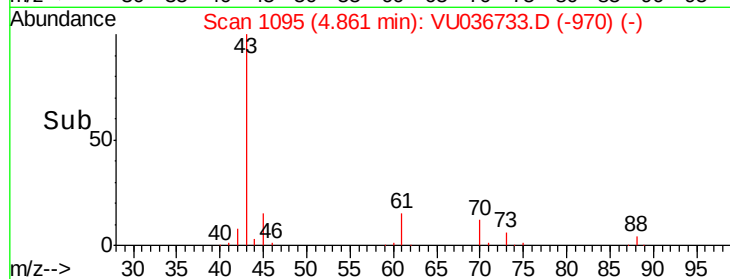
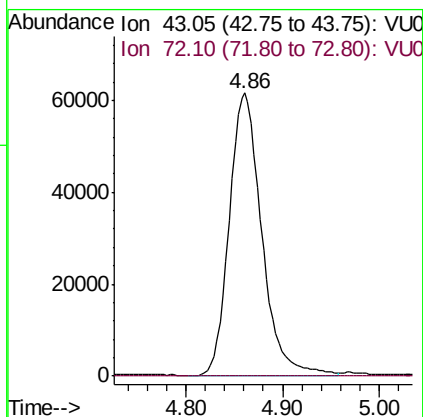
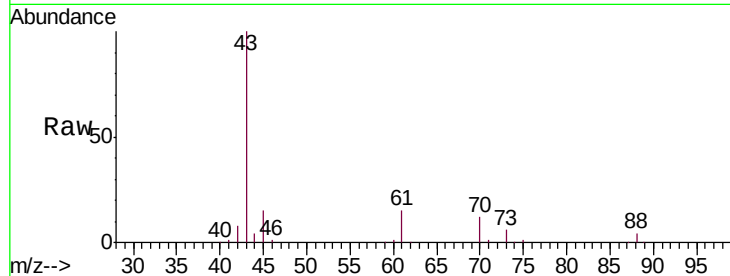




#21
2-Butanone
Concen: 43.169 ug/L
RT: 4.86 min Scan# 1095
Delta R.T. 0.10 min
Lab File: VU036733.D
Acq: 11 Feb 2020 20:25

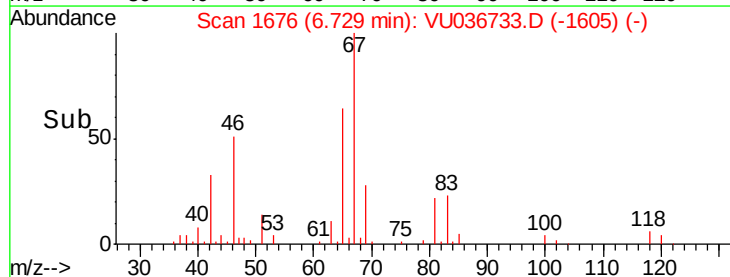
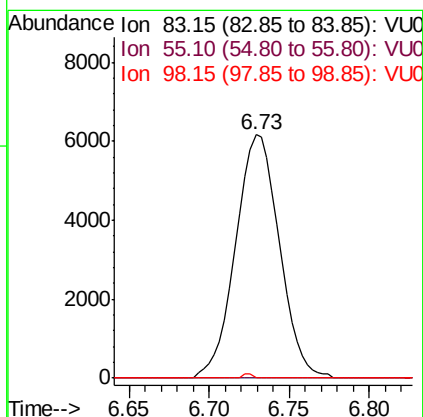
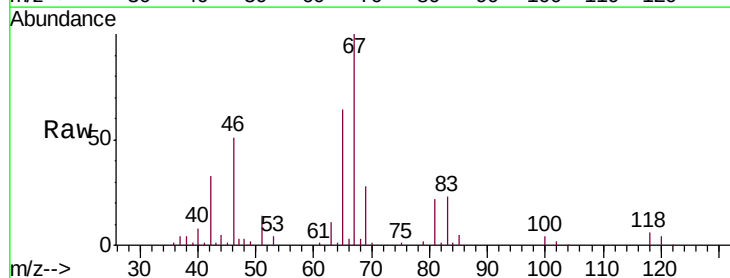
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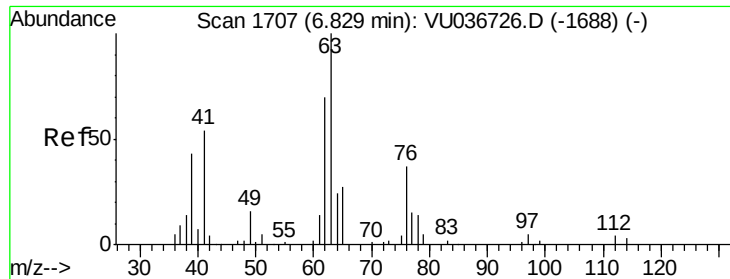
Tgt Ion: 43 Resp: 144181
Ion Ratio Lower Upper
43 100
72 0.1 14.0 41.9#



#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036733.D
Acq: 11 Feb 2020 20:25

Tgt Ion: 83 Resp: 11531
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.4 34.2 51.4#

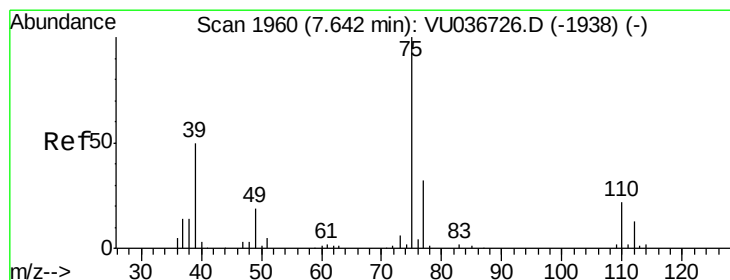
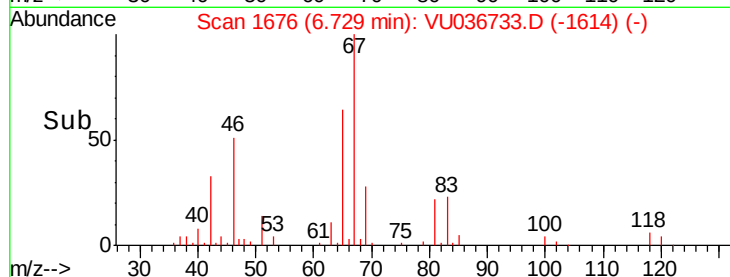
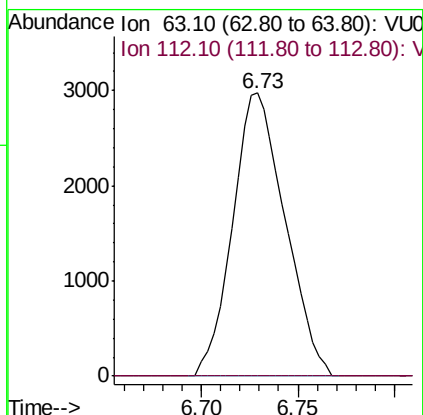
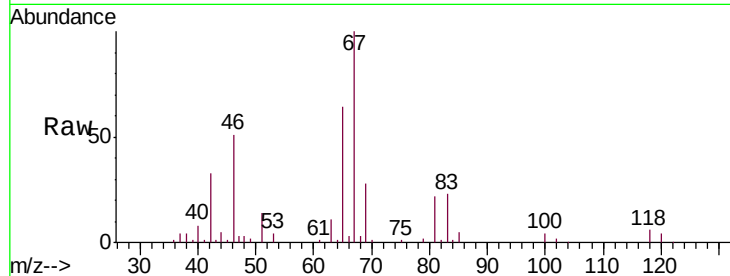




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036733.D
 Acq: 11 Feb 2020 20:25

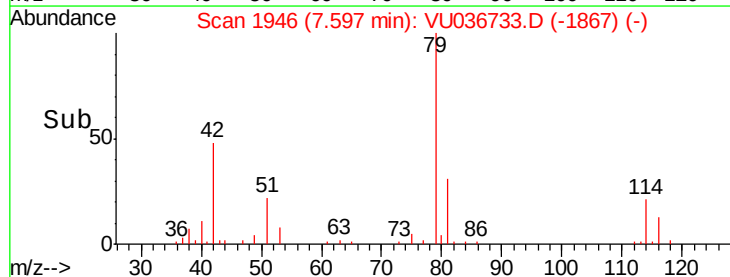
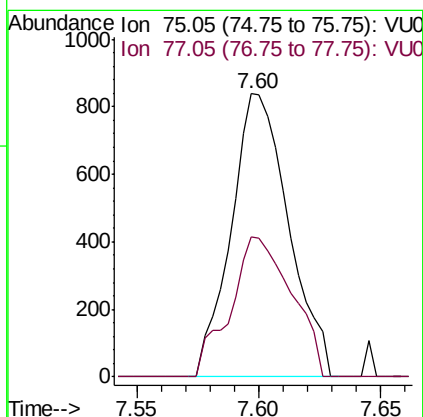
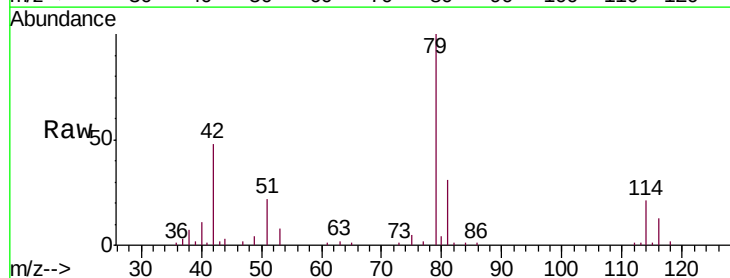
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7

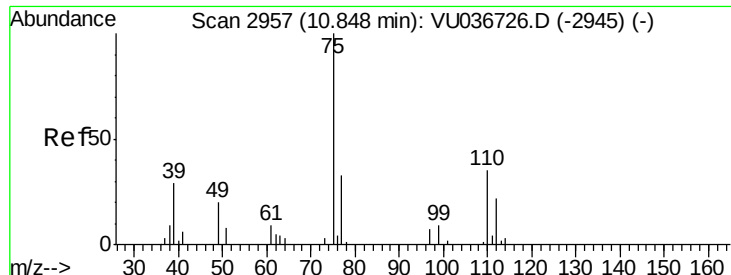
Tgt Ion: 63 Resp: 5586
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036733.D
 Acq: 11 Feb 2020 20:25

Tgt Ion: 75 Resp: 1371
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 1.156 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036733.D

Acq: 11 Feb 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

C0AA7

Tgt Ion: 75 Resp: 7468

Ion Ratio Lower Upper

75 100

77 36.0 25.6 38.4

