

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040661.D
 Acq On : 12 Oct 2020 15:47
 Operator : SY/MD
 Sample : L4345-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY3

Quant Time: Oct 13 04:42:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124766	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41680	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	35897	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	64768	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.67	46	173063	52.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	5.08	84	84171	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.72	65	52343	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.74	84	155680	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	54137	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	124208	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.19	79	22015	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	121869	49.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47167	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49672	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

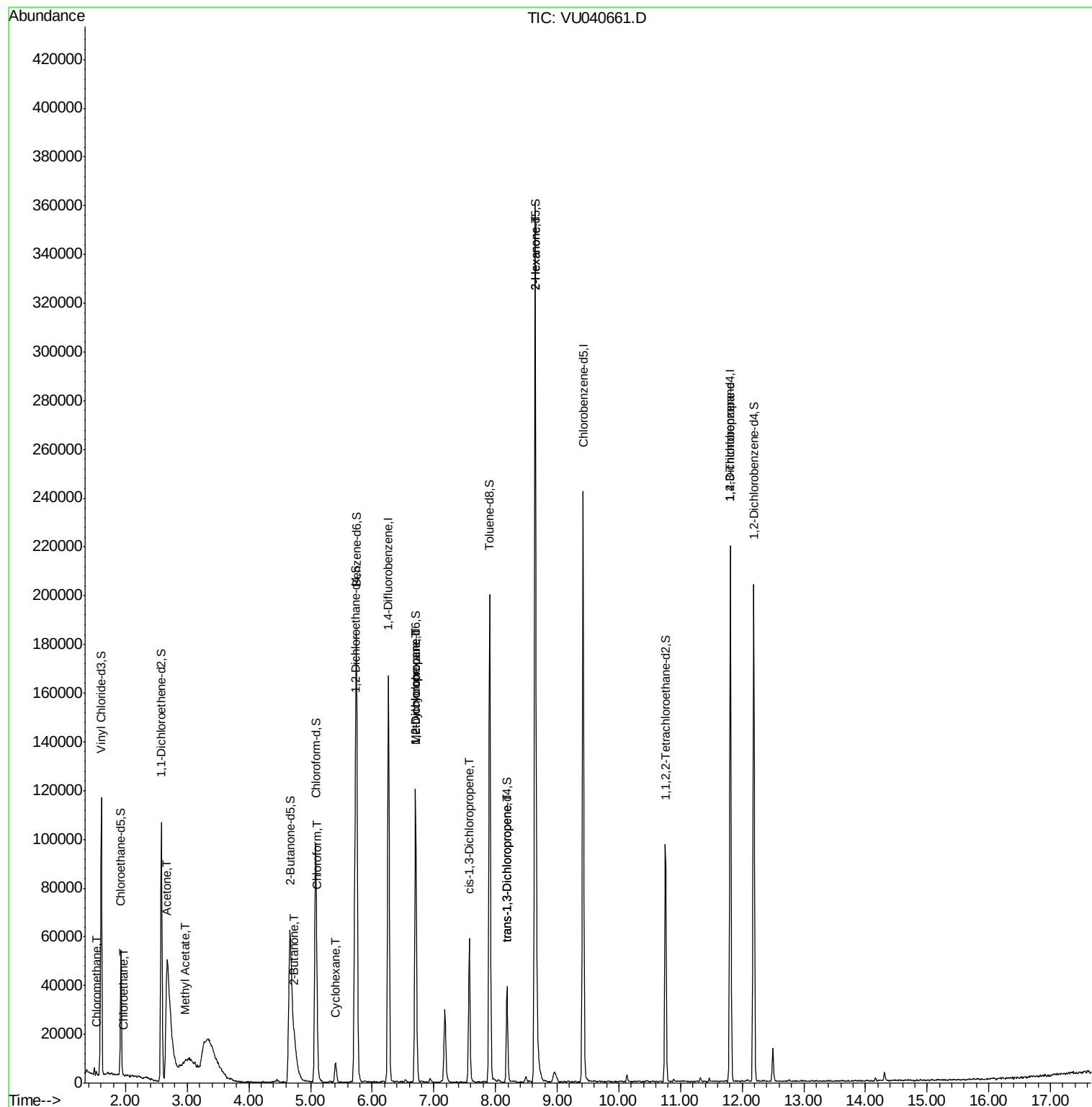
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	942	0.089	ug/L #	82
8) Chloroethane	1.97	64	236	0.033	ug/L #	41
13) Acetone	2.68	43	183683	71.629	ug/L	97
15) Methyl Acetate	2.97	43	893	0.153	ug/L #	56
21) 2-Butanone	4.74	43	14032	3.510	ug/L	99
25) Chloroform	5.11	83	5884	0.299	ug/L	97
30) Cyclohexane	5.41	56	3579	0.230	ug/L	95
35) Methylcyclohexane	6.70	83	12534	0.844	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6127	0.544	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1580	0.103	ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	1037	0.073	ug/L	100
48) 2-Hexanone	8.64	43	27315	4.090	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	6899	0.835	ug/L	90

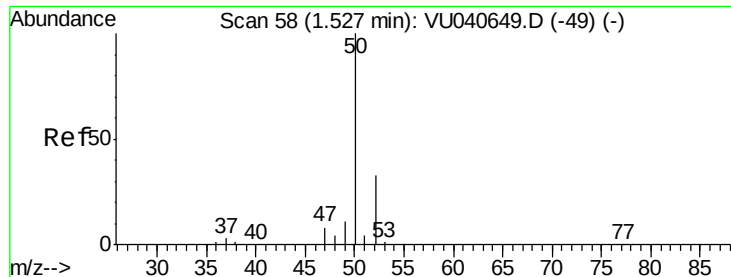
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040661.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

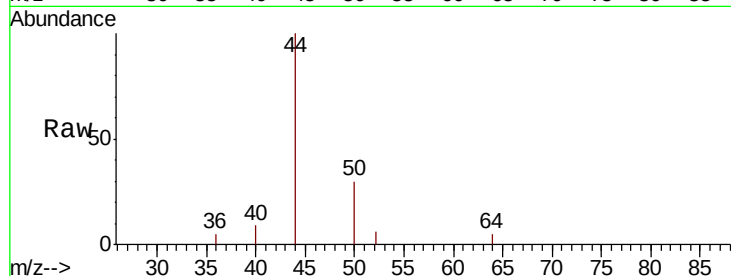
YAY3

Tot Ion: 50 Resp: 942

Ion Ratio Lower Upper

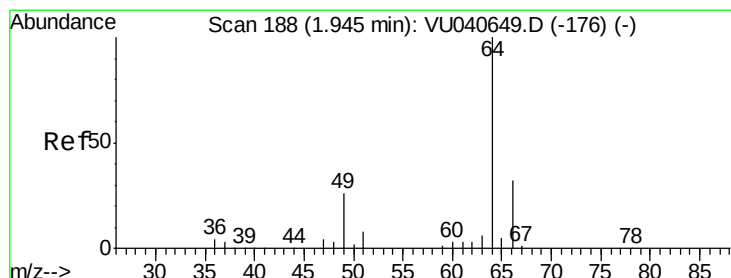
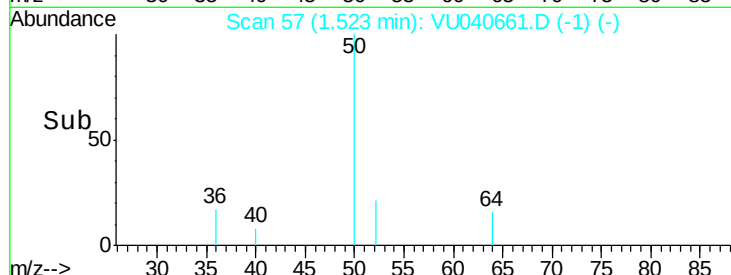
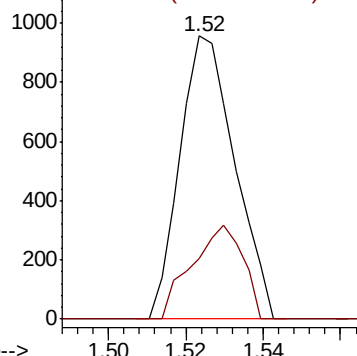
50 100

52 21.2 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.033 ug/L

RT: 1.97 min Scan# 195

Delta R.T. 0.02 min

Lab File: VU040661.D

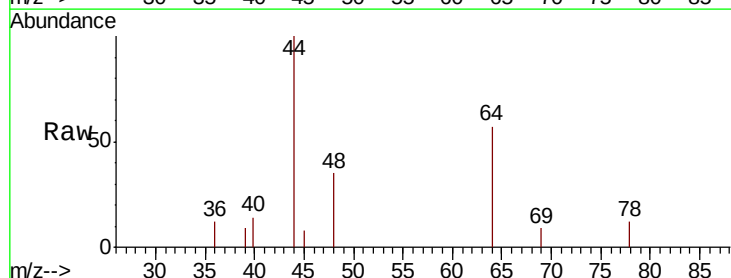
Acq: 12 Oct 2020 15:47

Tgt Ion: 64 Resp: 236

Ion Ratio Lower Upper

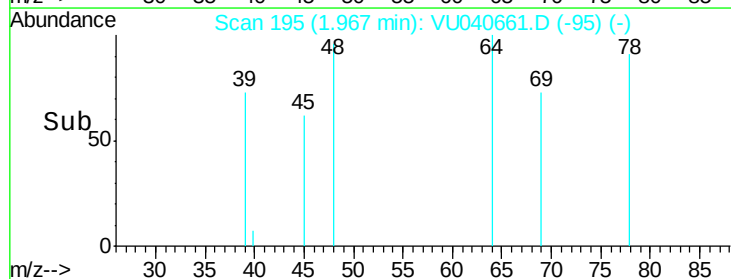
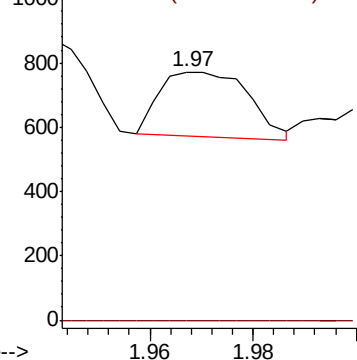
64 100

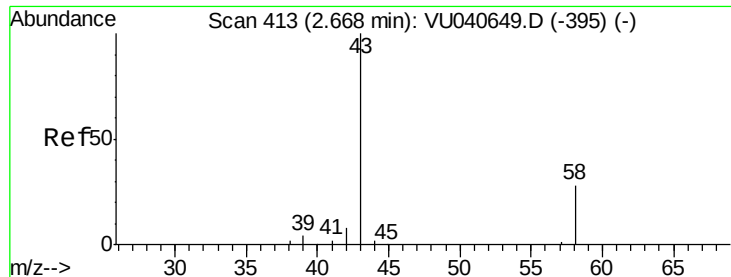
66 0.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 71.629 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040661.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

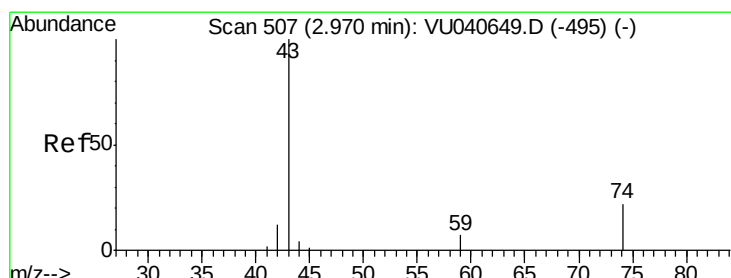
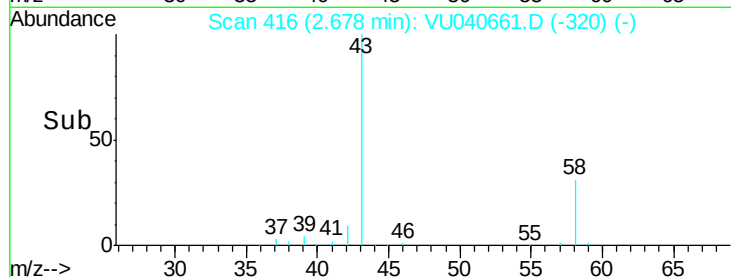
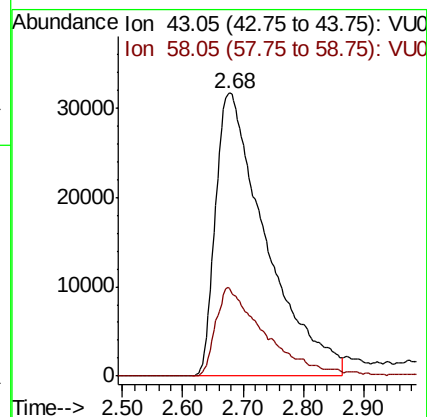
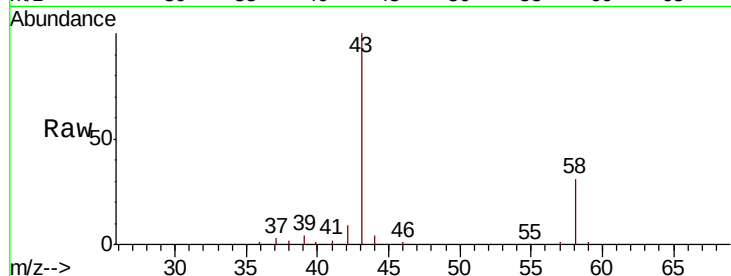
YAY3

Tot Ion: 43 Resp: 183683

Ion Ratio Lower Upper

43 100

58 28.9 0.0 60.6



#15

Methyl Acetate

Concen: 0.153 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.00 min

Lab File: VU040661.D

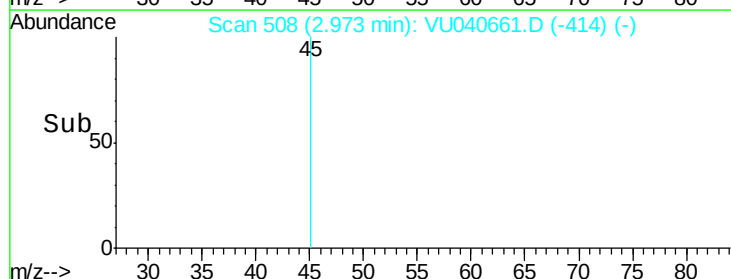
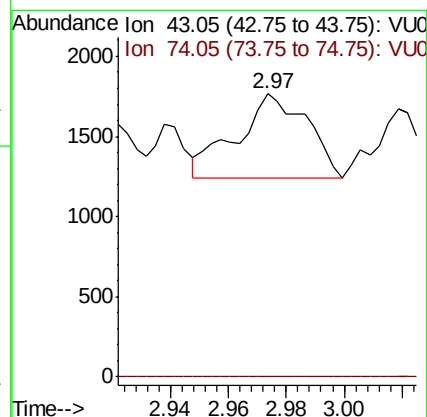
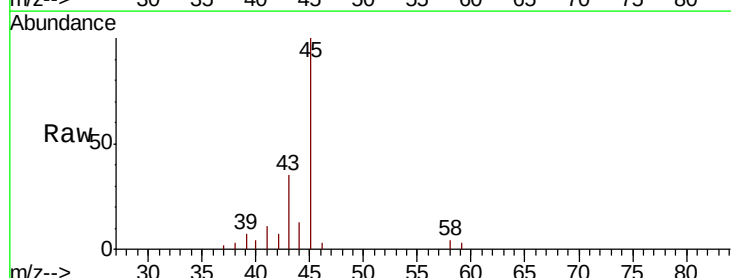
Acq: 12 Oct 2020 15:47

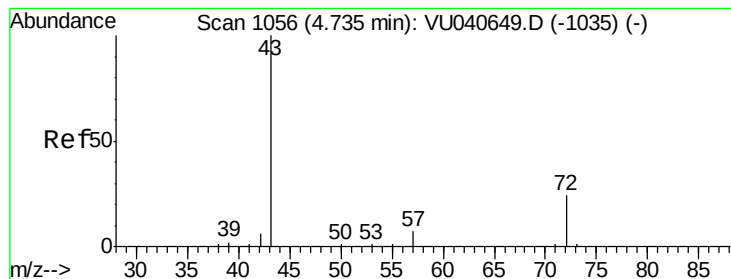
Tgt Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#





#21

2-Butanone

Concen: 3.510 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VU040661.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

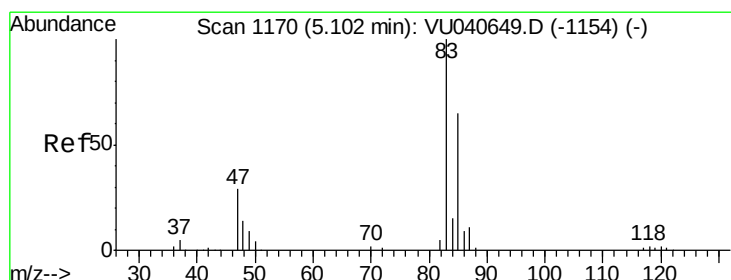
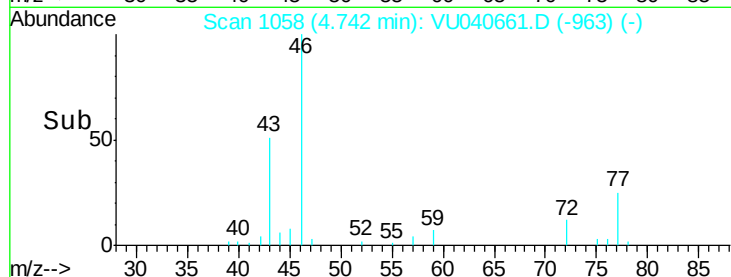
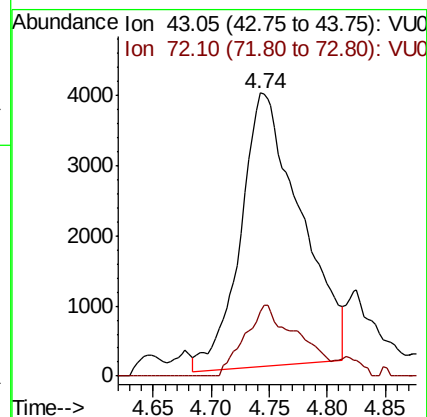
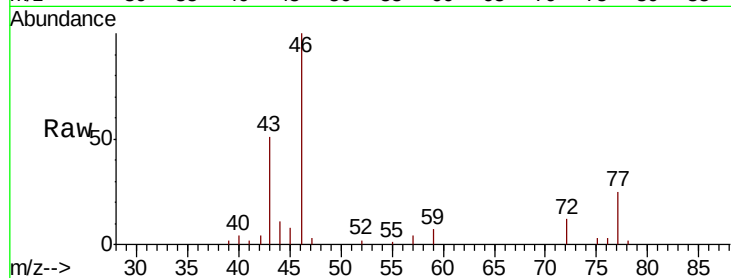
YAQY3

Tot Ion: 43 Resp: 14032

Ion Ratio Lower Upper

43 100

72 23.1 11.4 34.2



#25

Chloroform

Concen: 0.299 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040661.D

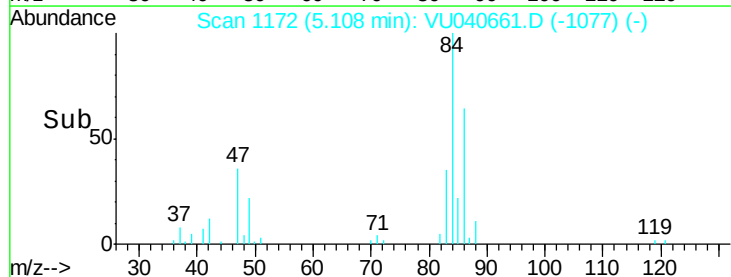
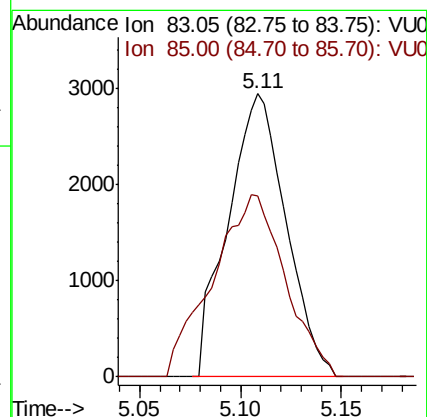
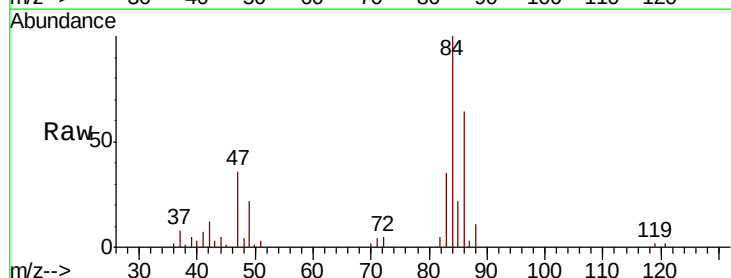
Acq: 12 Oct 2020 15:47

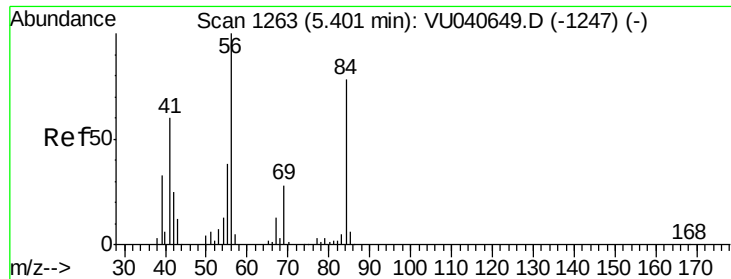
Tgt Ion: 83 Resp: 5884

Ion Ratio Lower Upper

83 100

85 63.9 46.5 86.5

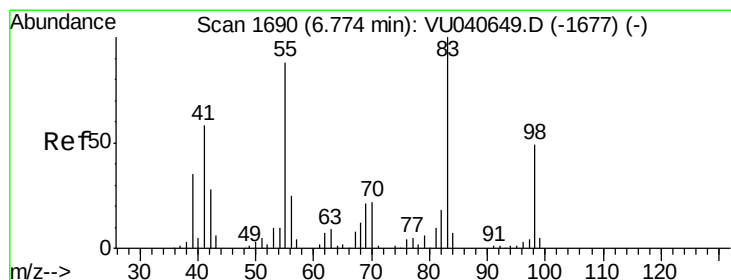
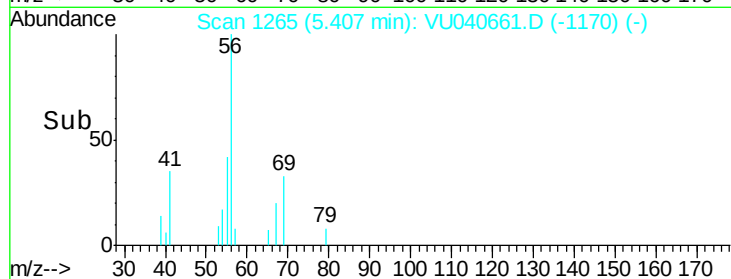
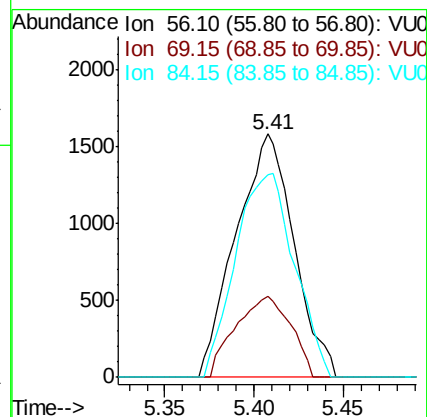
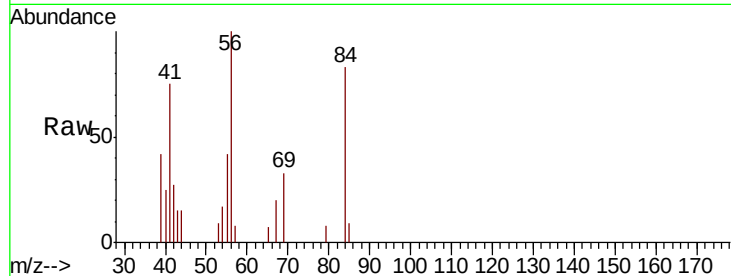




#30
Cyclohexane
Concen: 0.230 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VU040661.D
Acq: 12 Oct 2020 15:47

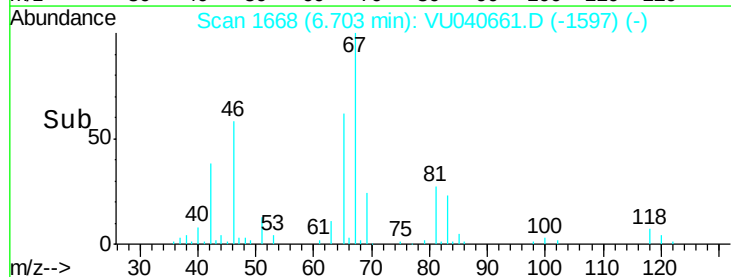
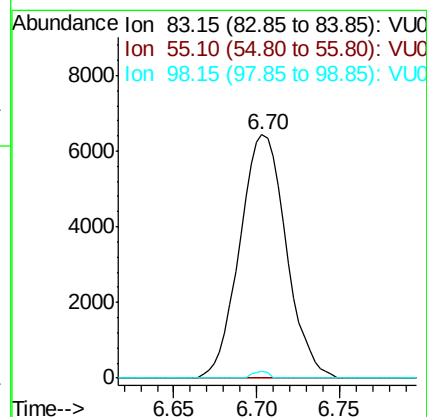
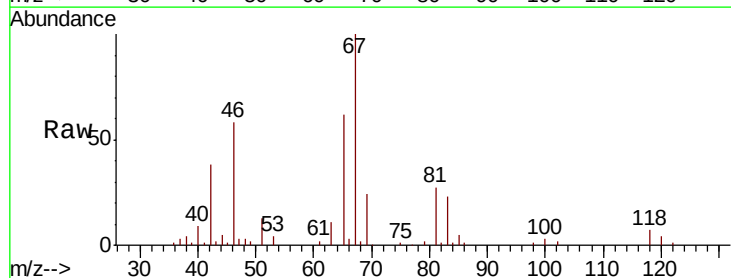
Instrument :
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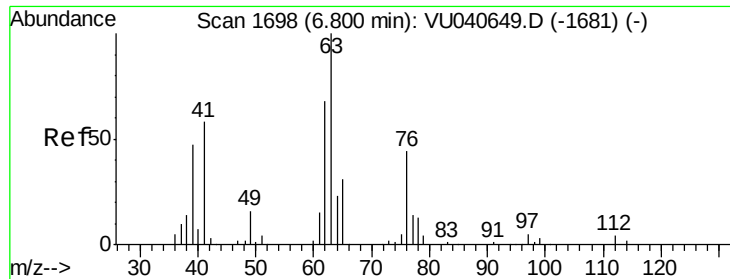
Tot Ion: 56 Resp: 3579
Ion Ratio Lower Upper
56 100
69 31.7 23.8 35.8
84 85.2 64.0 96.0



#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040661.D
Acq: 12 Oct 2020 15:47

Tgt Ion: 83 Resp: 12534
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.9 38.4 57.6#

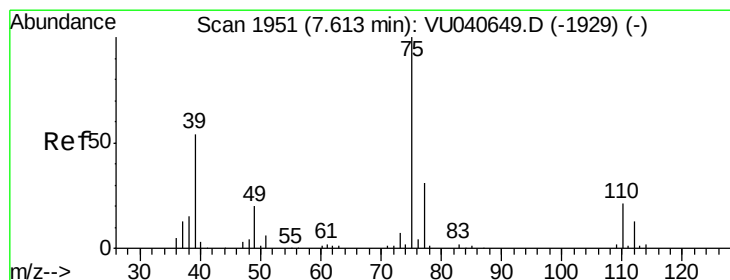
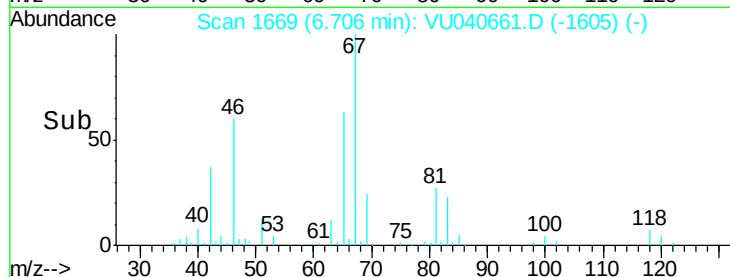
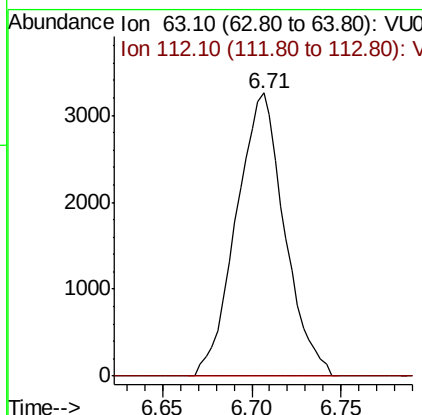
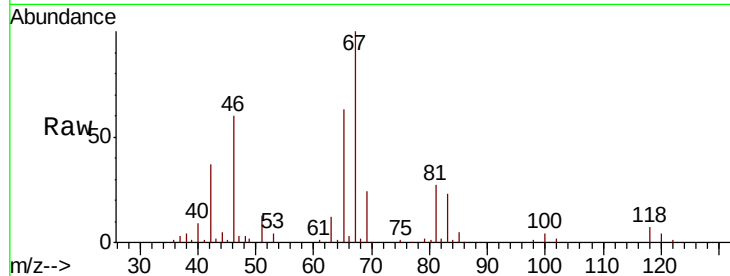




#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040661.D
 Acq: 12 Oct 2020 15:47

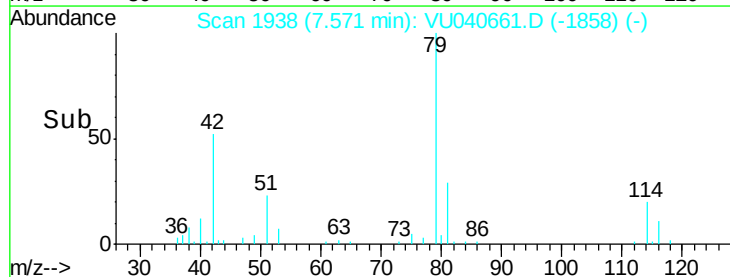
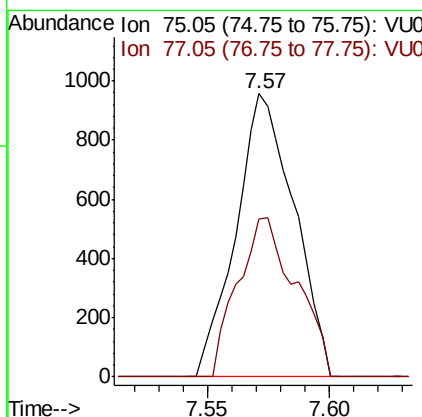
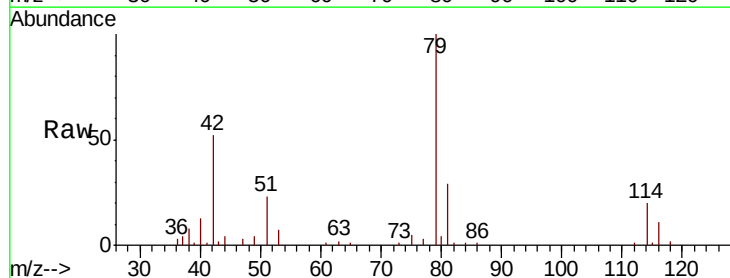
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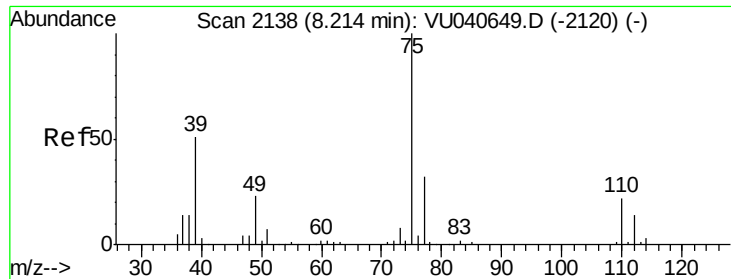
Tot Ion: 63 Resp: 6127
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040661.D
 Acq: 12 Oct 2020 15:47

Tgt Ion: 75 Resp: 1580
 Ion Ratio Lower Upper
 75 100
 77 55.9 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040661.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

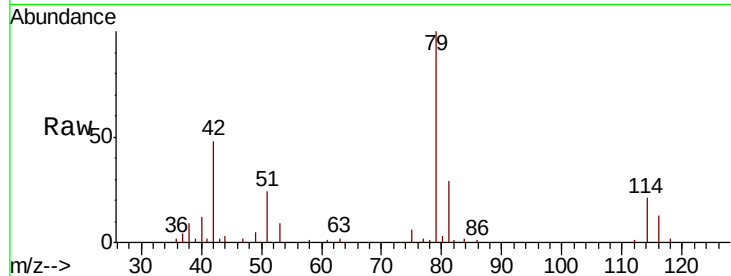
YAQY3

Tot Ion: 75 Resp: 1037

Ion Ratio Lower Upper

75 100

77 29.2 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

8.20

8.21

8.22

8.23

8.24

8.25

8.26

8.27

8.28

8.29

8.30

8.31

8.32

8.33

8.34

8.35

8.36

8.37

8.38

8.39

8.40

8.41

8.42

8.43

8.44

8.45

8.46

8.47

8.48

8.49

8.50

8.51

8.52

8.53

8.54

8.55

8.56

8.57

8.58

8.59

8.60

8.61

8.62

8.63

8.64

8.65

8.66

8.67

8.68

8.69

8.70

8.71

8.72

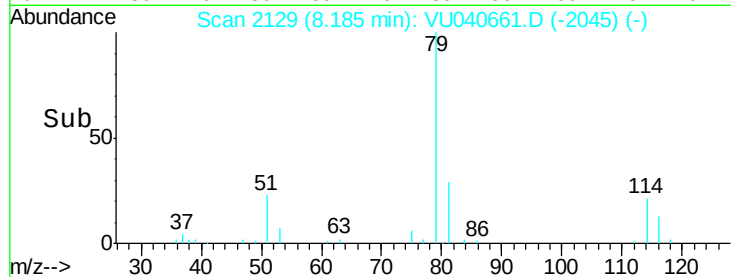
8.73

8.74

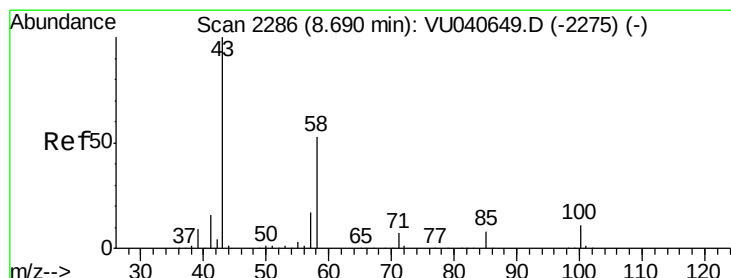
8.75

8.76

8.77



Time-->



#48

2-Hexanone

Concen: 4.090 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040661.D

Acq: 12 Oct 2020 15:47

Tgt Ion: 43 Resp: 27315

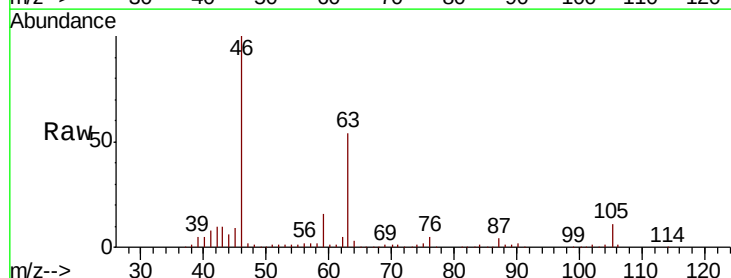
Ion Ratio Lower Upper

43 100

58 20.1 41.0 61.6#

57 17.9 14.4 21.6

100 0.8 8.6 13.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

8.64

8.65

8.66

8.67

8.68

8.69

8.70

8.71

8.72

8.73

8.74

8.75

8.76

8.77

8.78

8.79

8.80

8.81

8.82

8.83

8.84

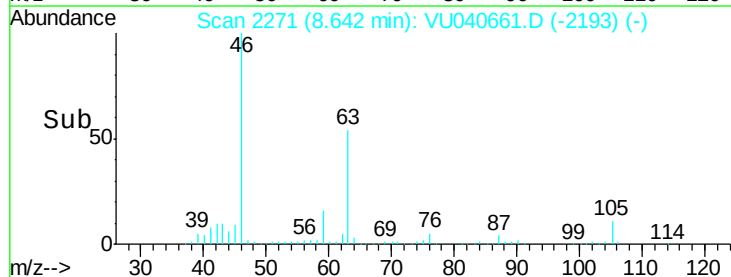
8.85

8.86

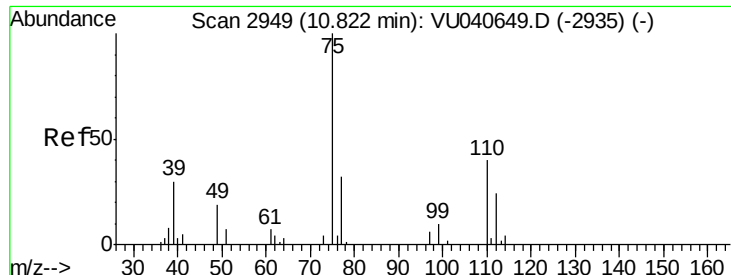
8.87

8.88

8.89



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.835 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040661.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

YAQY3

Tot Ion: 75 Resp: 6899

Ion Ratio Lower Upper

75 100

77 38.6 26.4 39.6

