

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038646.D
 Acq On : 07 Jun 2020 03:39
 Operator : SY/MD
 Sample : L2911-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D34

Quant Time: Jun 08 03:03:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	336667	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	324335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94944	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	81226	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	146425	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.67	46	366737	55.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.80%
24) Chloroform-d	5.10	84	201972	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	120788	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.76	84	413965	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.72	67	130283	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.92	98	346081	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.20	79	49348	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	313902	59.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114882	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	145284	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

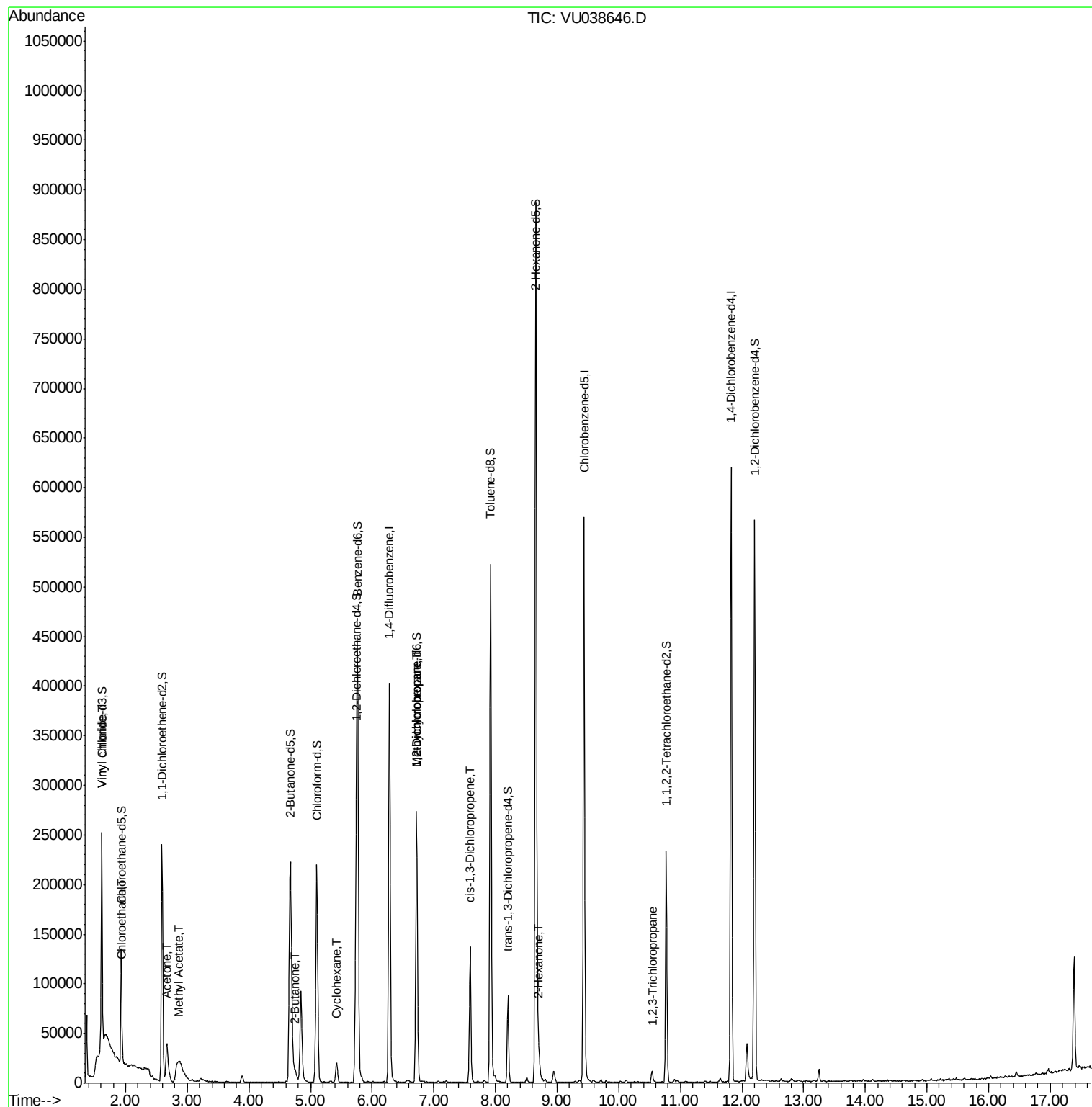
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	56800	2.176	ug/L #	32
8) Chloroethane	1.95	64	1874	0.120	ug/L #	57
13) Acetone	2.67	43	62916	14.524	ug/L	99
15) Methyl Acetate	2.86	43	10871	1.024	ug/L #	52
21) 2-Butanone	4.75	43	13235	1.816	ug/L	98
30) Cyclohexane	5.42	56	9827	0.273	ug/L	97
35) Methylcyclohexane	6.72	83	31636	0.870	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14359	0.631	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3277	0.097	ug/L #	55
48) 2-Hexanone	8.71	43	13828	1.122	ug/L #	89
59) 1,2,3-Trichloropropane	10.54	75	7617	0.448	ug/L #	49

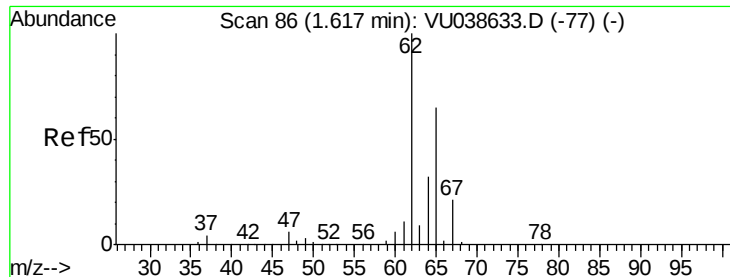
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.176 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038646.D

Acq: 07 Jun 2020 03:39

Instrument :

MSVOA_U

ClientSampled :

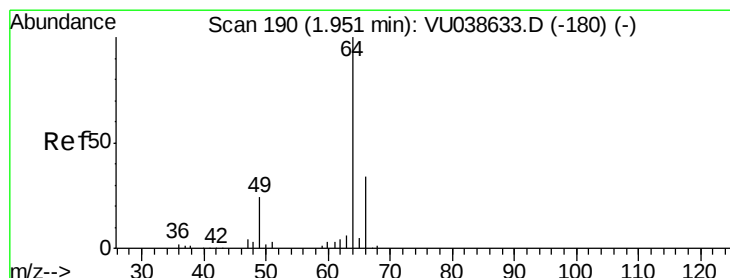
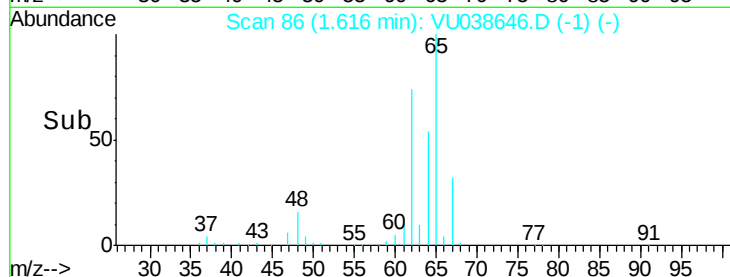
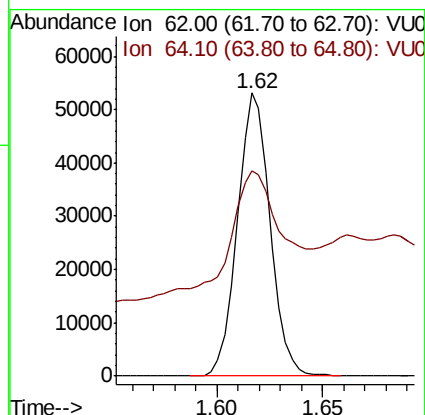
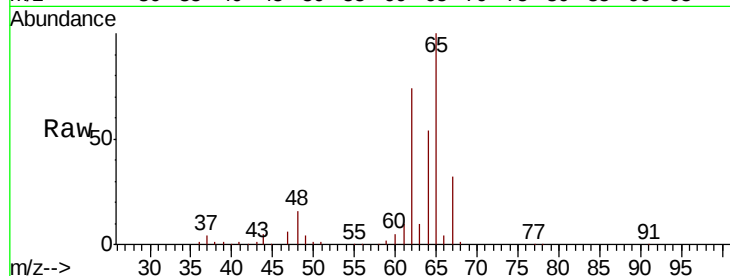
F9D34

Tot Ion: 62 Resp: 56800

Ion Ratio Lower Upper

62 100

64 72.4 23.7 43.9#



#8

Chloroethane

Concen: 0.120 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038646.D

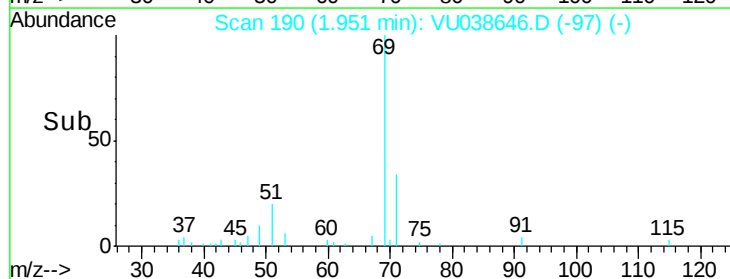
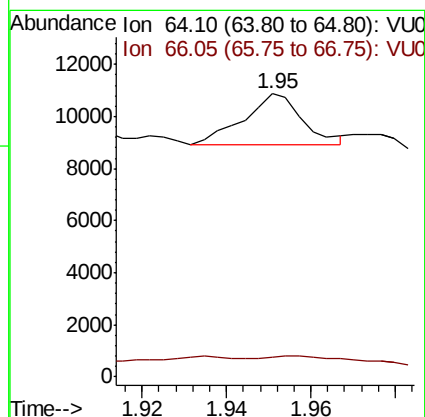
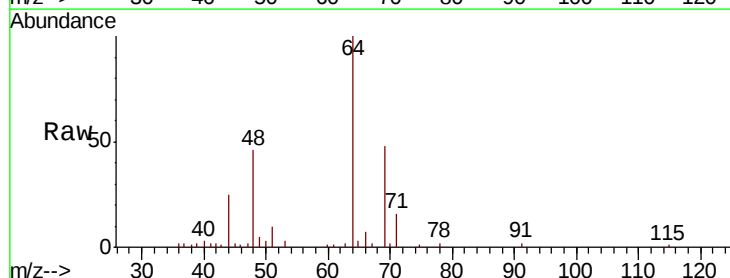
Acq: 07 Jun 2020 03:39

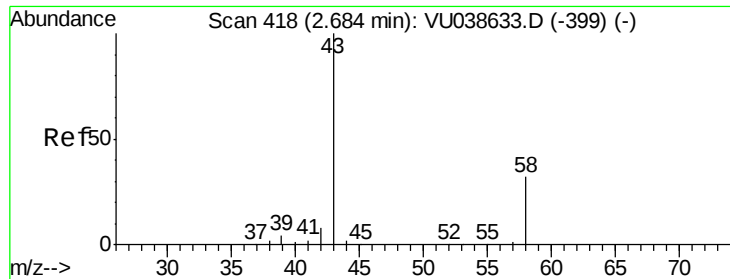
Tgt Ion: 64 Resp: 1874

Ion Ratio Lower Upper

64 100

66 7.0 21.5 39.9#





#13

Acetone

Concen: 14.524 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038646.D

Acq: 07 Jun 2020 03:39

Instrument :

MSVOA_U

ClientSampleId :

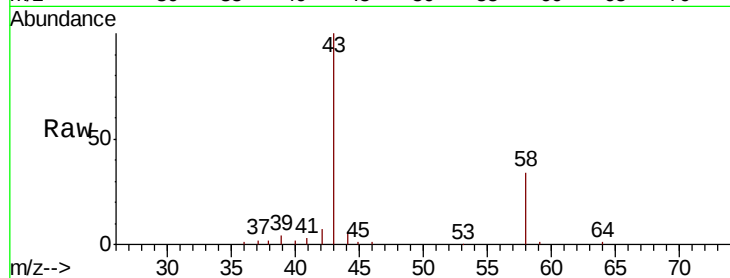
F9D34

Tot Ion: 43 Resp: 62916

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

25000

20000

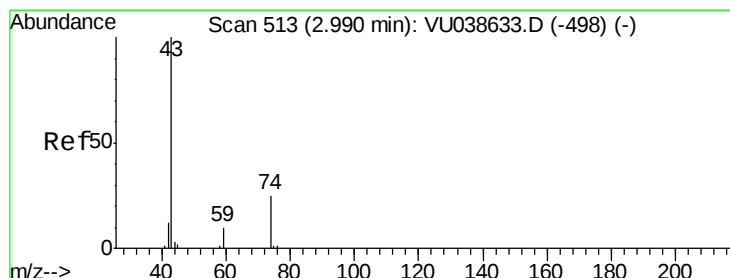
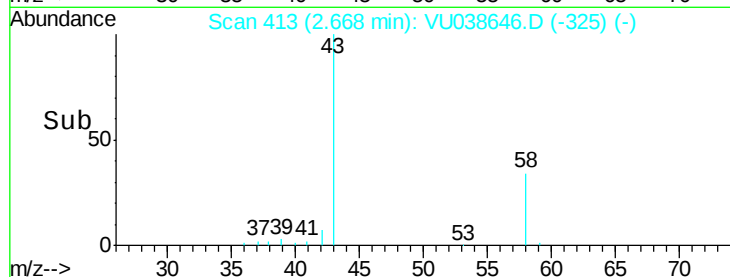
15000

10000

5000

0

Time-->



#15

Methyl Acetate

Concen: 1.024 ug/L

RT: 2.86 min Scan# 473

Delta R.T. -0.13 min

Lab File: VU038646.D

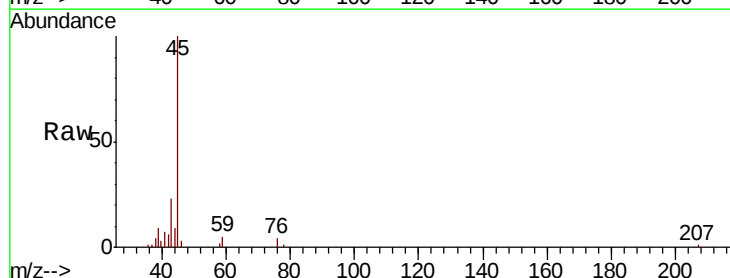
Acq: 07 Jun 2020 03:39

Tgt Ion: 43 Resp: 10871

Ion Ratio Lower Upper

43 100

74 0.4 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-498) (-)

Ion 74.05 (73.75 to 74.75): VU038633.D (-498) (-)

2.86

5000

4000

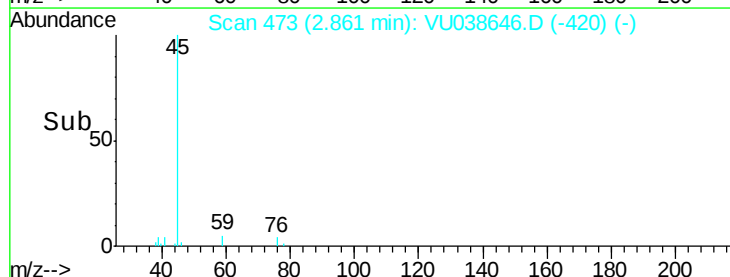
3000

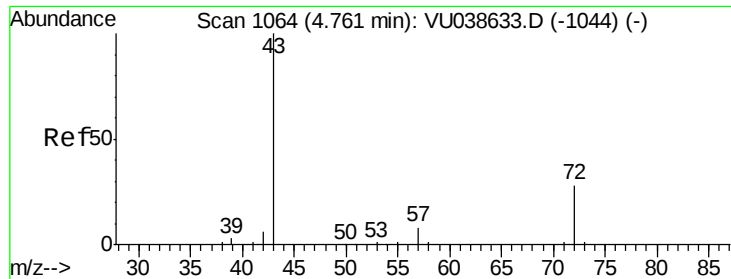
2000

1000

0

Time-->





#21

2-Butanone

Concen: 1.816 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VU038646.D

Acq: 07 Jun 2020 03:39

Instrument :

MSVOA_U

ClientSampleId :

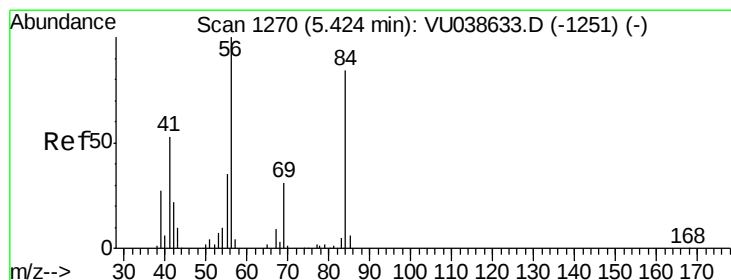
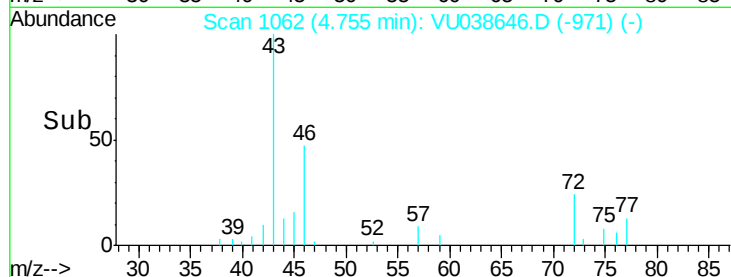
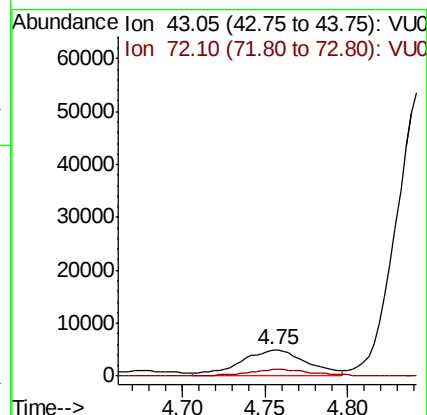
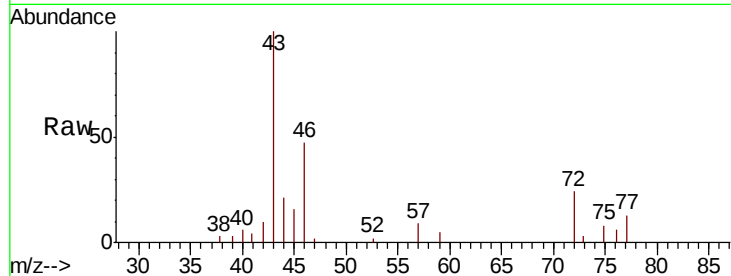
F9D34

Tot Ion: 43 Resp: 13235

Ion Ratio Lower Upper

43 100

72 26.3 12.6 37.8



#30

Cyclohexane

Concen: 0.273 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038646.D

Acq: 07 Jun 2020 03:39

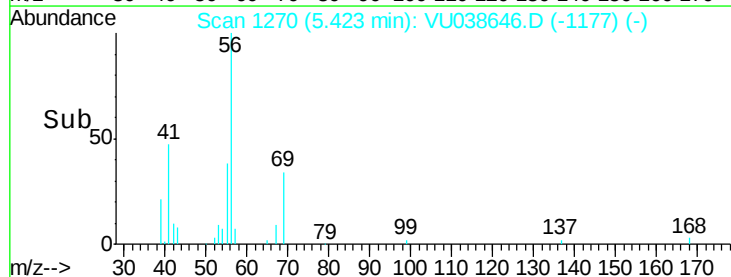
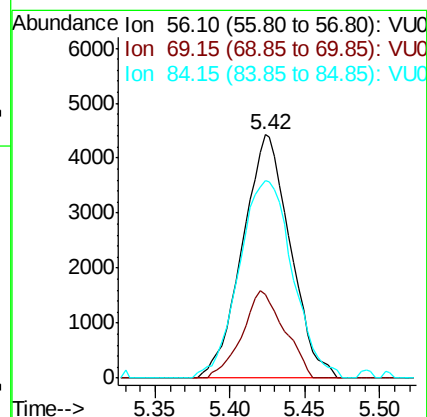
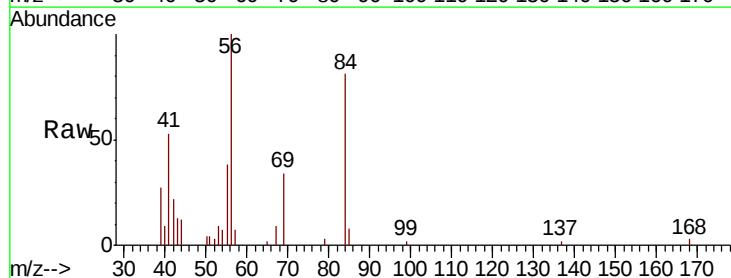
Tgt Ion: 56 Resp: 9827

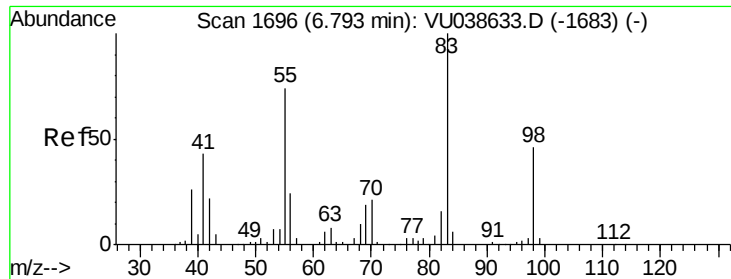
Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.4

84 90.9 70.8 106.2

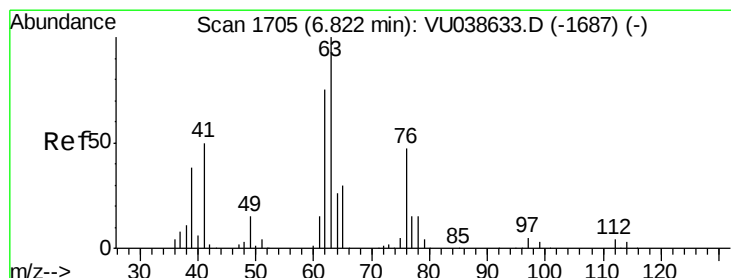
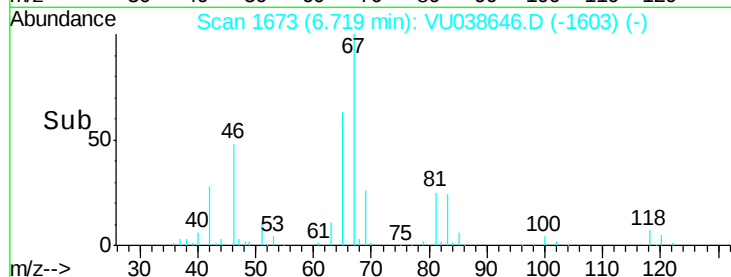
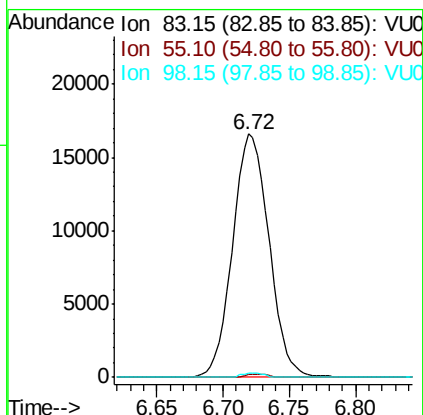
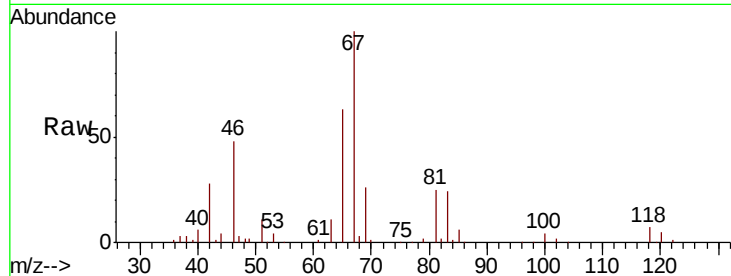




#35
Methvlcvclohexane
Concen: 0.870 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038646.D
Acq: 07 Jun 2020 03:39

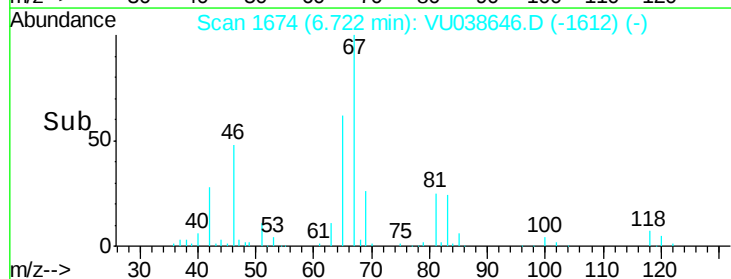
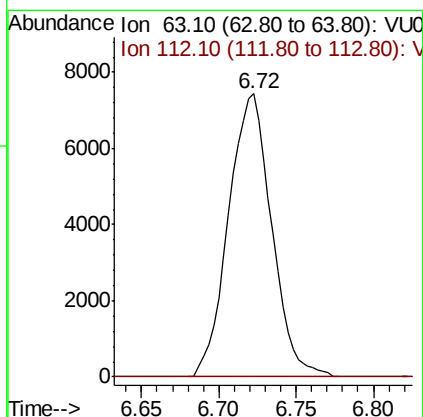
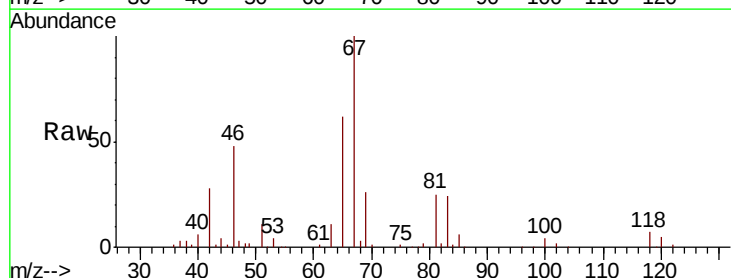
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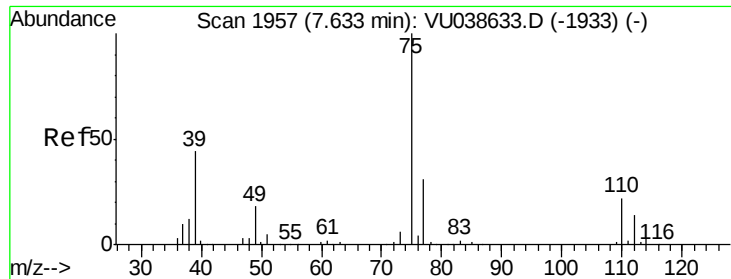
Tot Ion: 83 Resp: 31636
Ion Ratio Lower Upper
83 100
55 0.8 63.4 95.2#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038646.D
Acq: 07 Jun 2020 03:39

Tgt Ion: 63 Resp: 14359
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

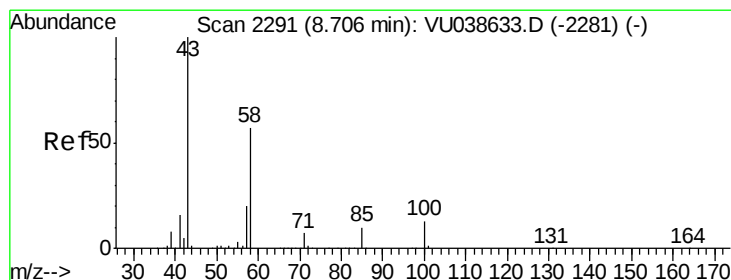
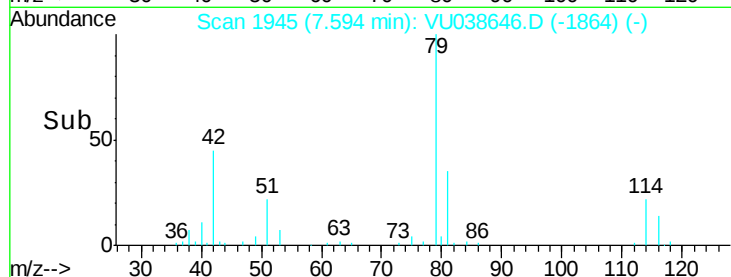
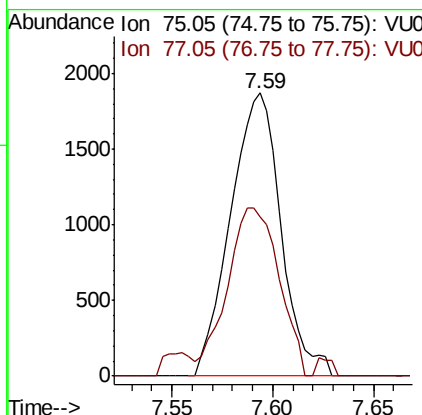
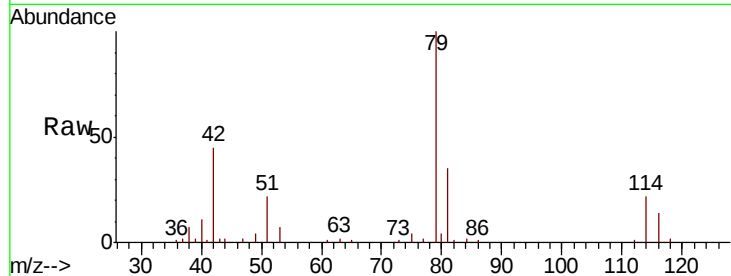




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038646.D
 Acq: 07 Jun 2020 03:39

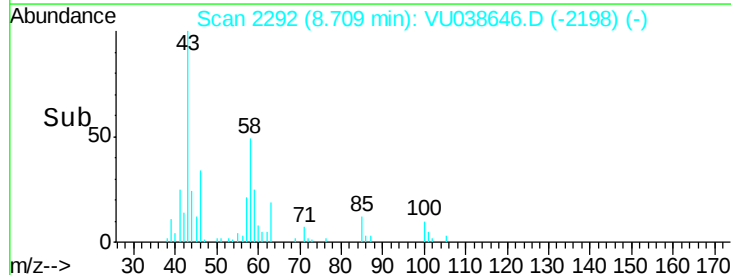
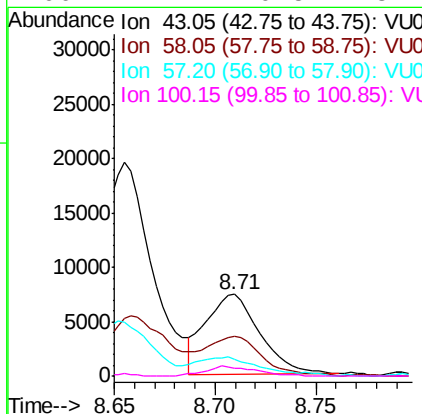
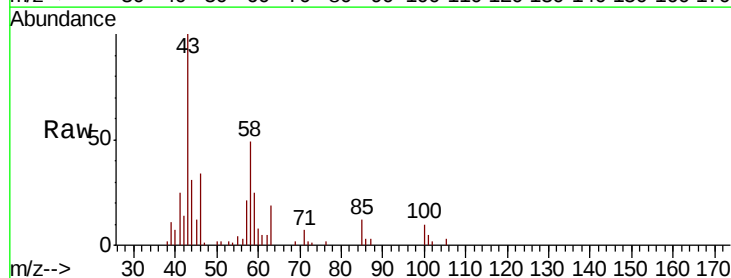
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 F9D34

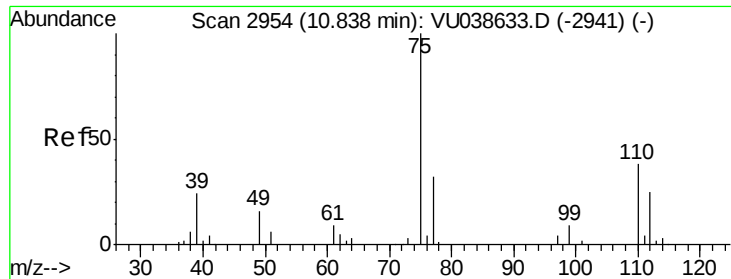
Tot Ion: 75 Resp: 3277
 Ion Ratio Lower Upper
 75 100
 77 56.0 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.122 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038646.D
 Acq: 07 Jun 2020 03:39

Tgt Ion: 43 Resp: 13828
 Ion Ratio Lower Upper
 43 100
 58 49.4 45.4 68.0
 57 27.8 15.9 23.9#
 100 11.1 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 0.448 ug/L

RT: 10.54 min Scan# 2861

Delta R.T. -0.30 min

Lab File: VU038646.D

Acq: 07 Jun 2020 03:39

Instrument :

MSVOA_U

ClientSampleId :

F9D34

Tot Ion: 75 Resp: 7617

Ion Ratio Lower Upper

75 100

77 3.4 25.4 38.2#

