

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040086.D
 Acq On : 10 Sep 2020 17:14
 Operator : SY/MD
 Sample : L3961-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y27

Quant Time: Sep 11 01:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31083	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	25309	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.58	63	49085	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.65	46	105532	41.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.20%
24) Chloroform-d	5.08	84	60121	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.72	65	36945	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.74	84	113910	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.70	67	36160	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.91	98	95482	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.19	79	14525	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.64	63	73652	37.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32622	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35923	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

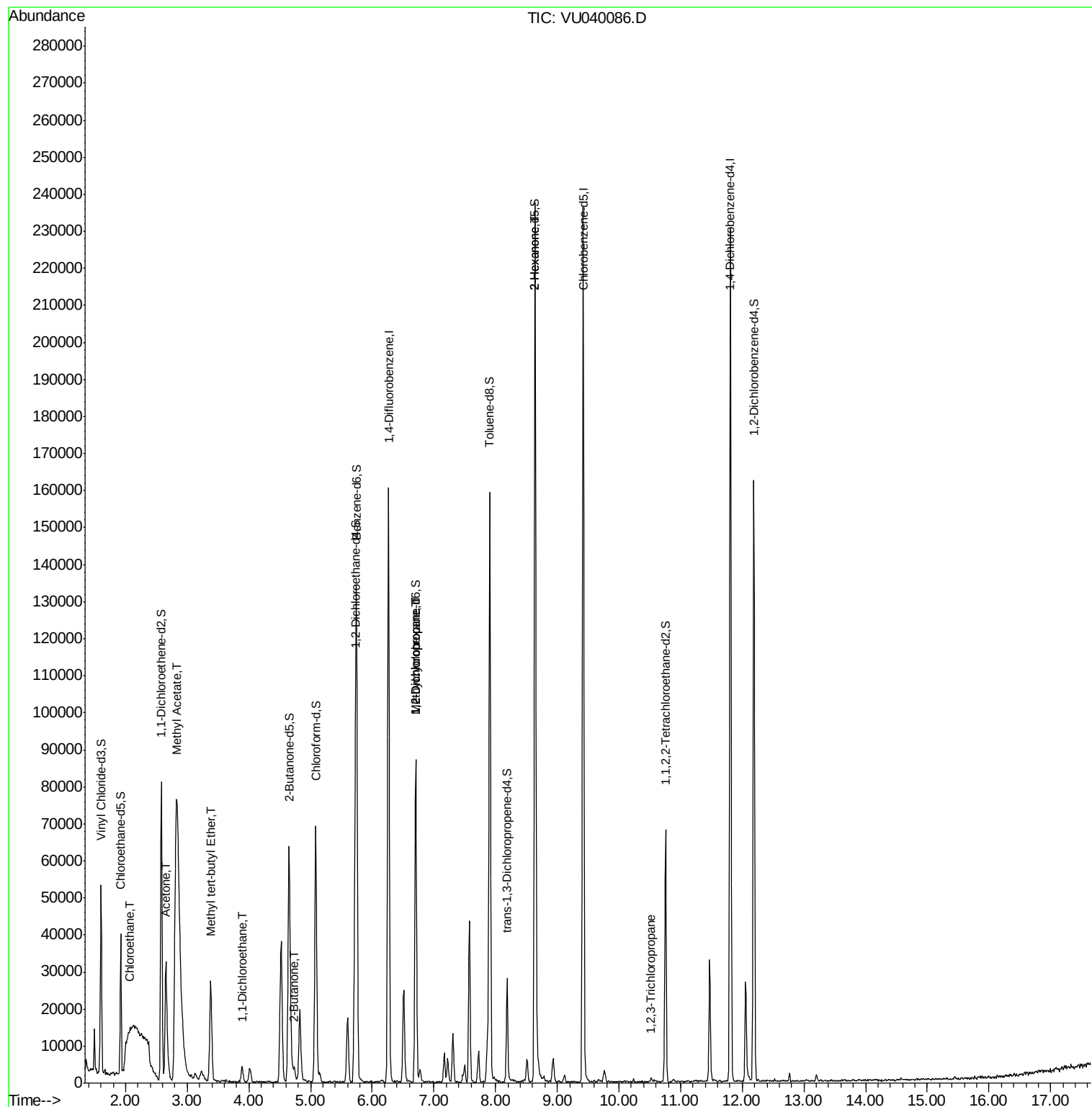
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.07	64	37193	5.530	ug/L #	53
13) Acetone	2.65	43	49272	20.979	ug/L	97
15) Methyl Acetate	2.83	43	53953	9.153	ug/L #	55
17) Methyl tert-butyl Ether	3.38	73	27562	1.017	ug/L	97
19) 1,1-Dichloroethane	3.89	63	4781	0.240	ug/L	96
21) 2-Butanone	4.74	43	4709	1.228	ug/L #	76
35) Methylcyclohexane	6.70	83	8894	0.511	ug/L #	16
37) 1,2-Dichloropropane	6.71	63	4667	0.406	ug/L #	88
48) 2-Hexanone	8.64	43	11881	1.729	ug/L #	71
59) 1,2,3-Trichloropropane	10.53	75	892	0.105	ug/L #	44

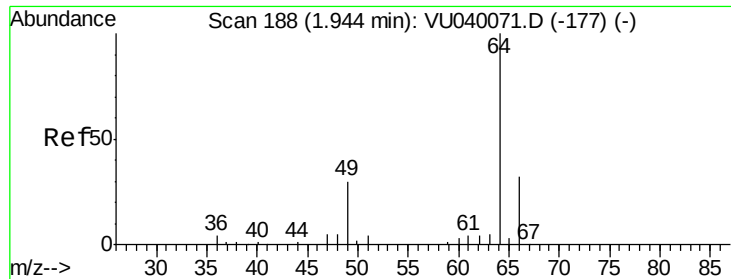
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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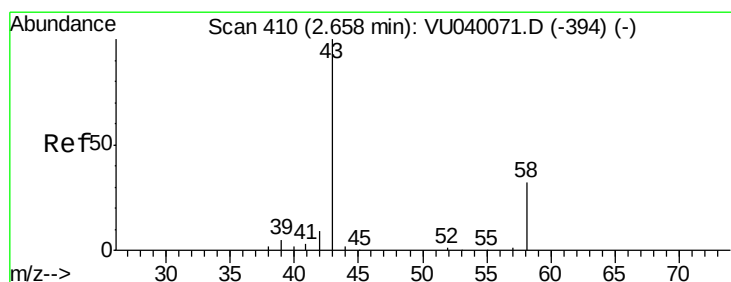
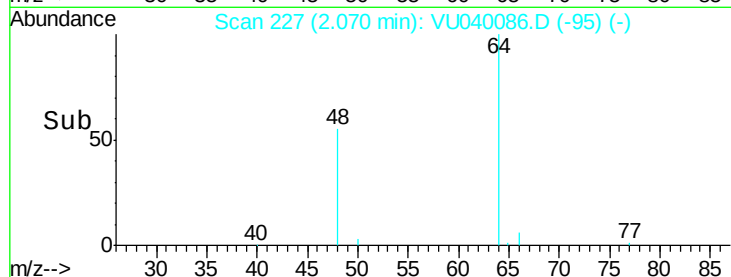
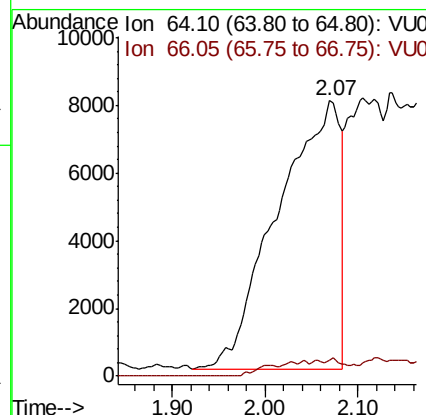
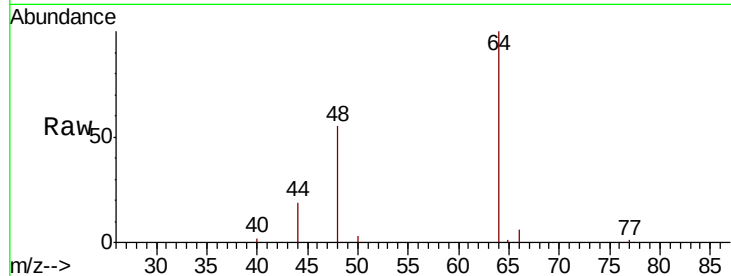




#8
Chloroethane
Concen: 5.530 ug/L
RT: 2.07 min Scan# 227
Delta R.T. 0.13 min
Lab File: VU040086.D
Acq: 10 Sep 2020 17:14

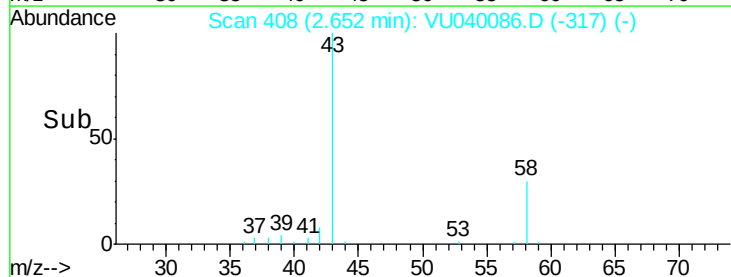
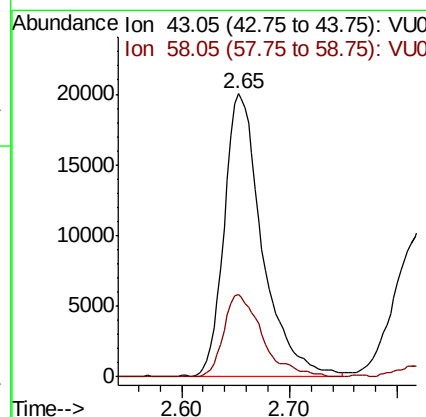
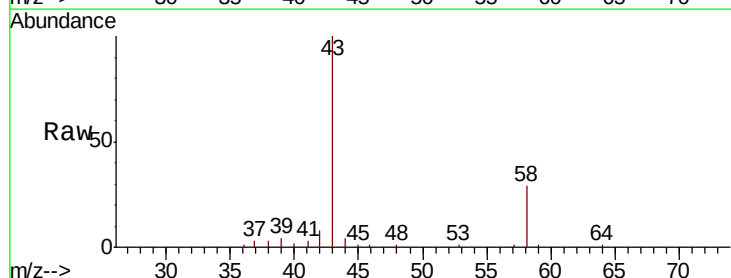
Instrument :
MSVOA_U
ClientSampled :
F4Y27

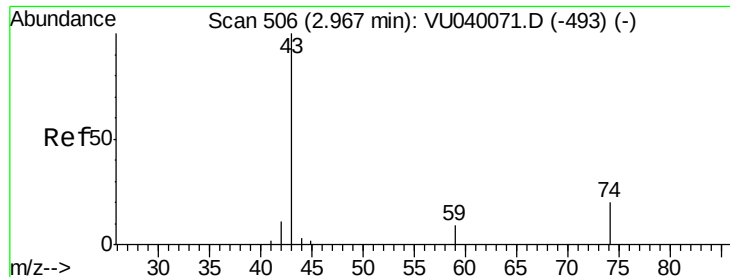
Tot Ion: 64 Resp: 37193
Ion Ratio Lower Upper
64 100
66 6.0 22.7 42.1#



#13
Acetone
Concen: 20.979 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: VU040086.D
Acq: 10 Sep 2020 17:14

Tgt Ion: 43 Resp: 49272
Ion Ratio Lower Upper
43 100
58 29.4 0.0 55.4

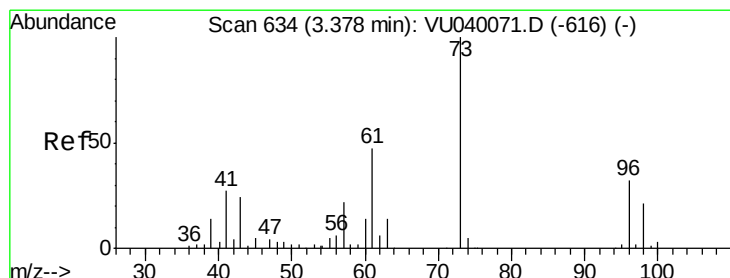
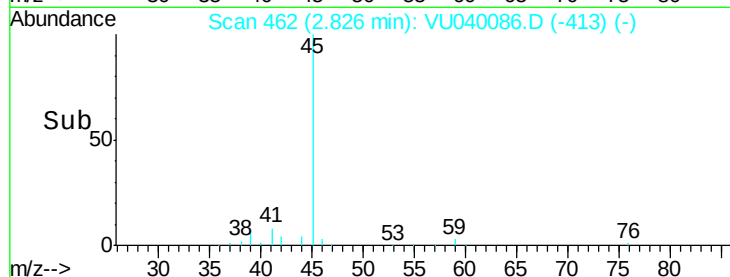
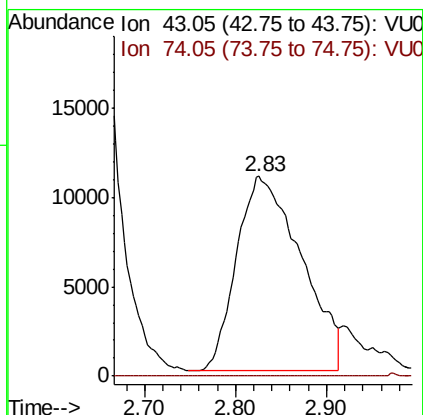
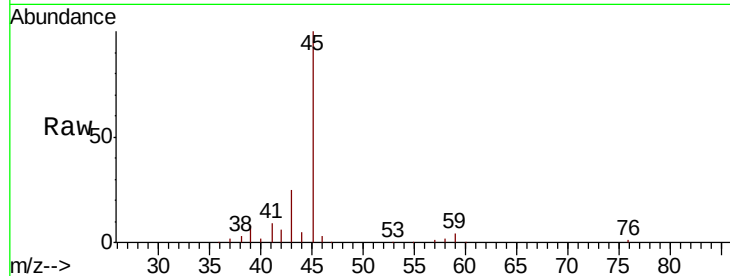




#15
Methvl Acetate
Concen: 9.153 ug/L
RT: 2.83 min Scan# 462
Delta R.T. -0.14 min
Lab File: VU040086.D
Acq: 10 Sep 2020 17:14

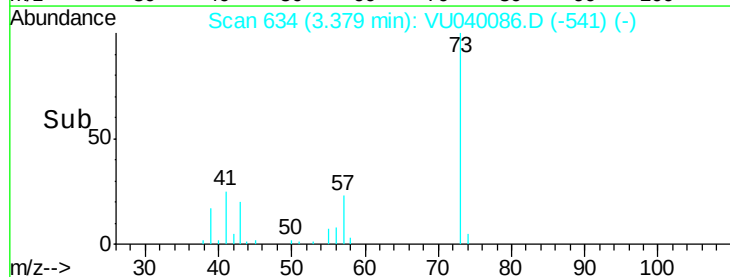
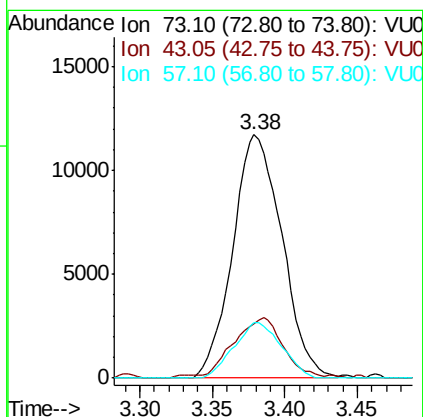
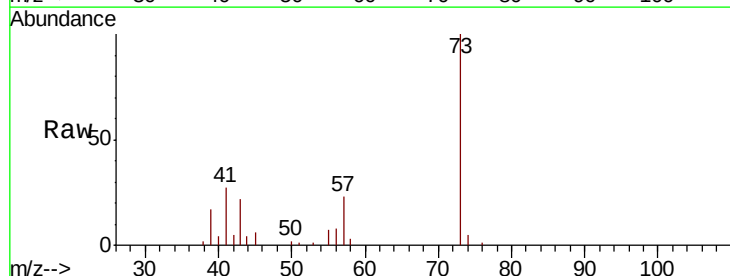
Instrument :
MSVOA_U
ClientSampled :
F4Y27

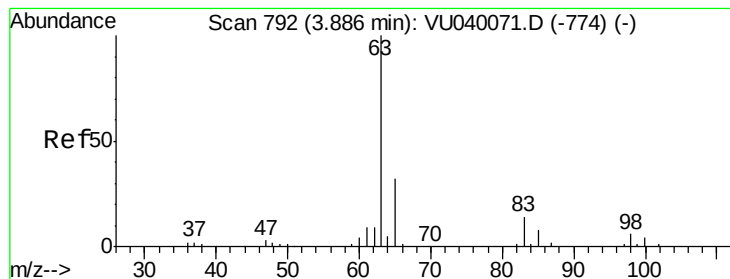
Tot Ion: 43 Resp: 53953
Ion Ratio Lower Upper
43 100
74 0.1 17.4 26.0#



#17
Methyl tert-butyl Ether
Concen: 1.017 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU040086.D
Acq: 10 Sep 2020 17:14

Tgt Ion: 73 Resp: 27562
Ion Ratio Lower Upper
73 100
43 25.8 19.1 28.7
57 22.0 18.3 27.5





#19

1,1-Dichloroethane

Concen: 0.240 ug/L

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU040086.D

Acq: 10 Sep 2020 17:14

Instrument :

MSVOA_U

ClientSampleId :

F4Y27

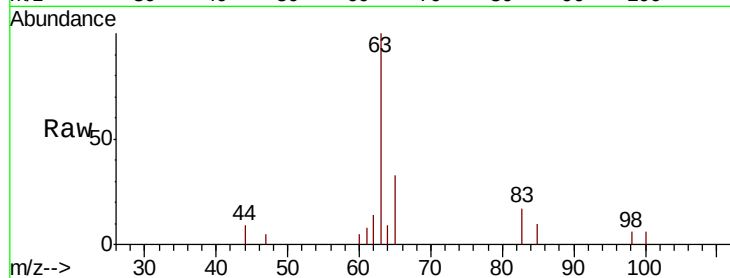
Tot Ion: 63 Resp: 4781

Ion Ratio Lower Upper

63 100

65 33.4 22.2 41.2

83 16.5 9.4 17.6

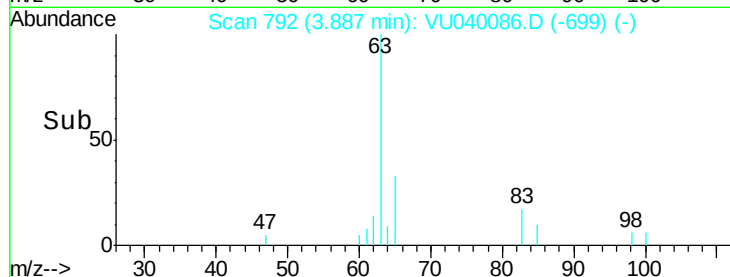


Abundance Ion 63.10 (62.80 to 63.80): VU040071.D (-774) (-)

Ion 65.10 (64.80 to 65.80): VU040071.D (-774) (-)

Ion 83.05 (82.75 to 83.75): VU040071.D (-774) (-)

Time-->

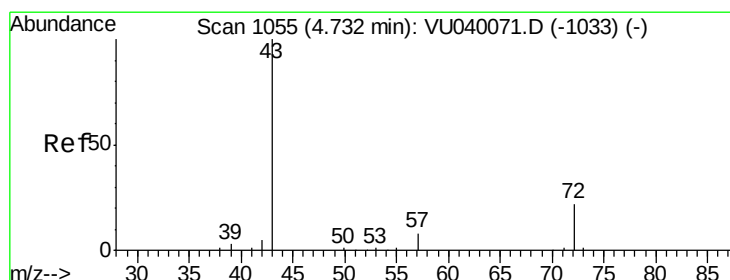


Abundance Ion 63.10 (62.80 to 63.80): VU040086.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU040086.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU040086.D (-699) (-)

Time-->



#21

2-Butanone

Concen: 1.228 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU040086.D

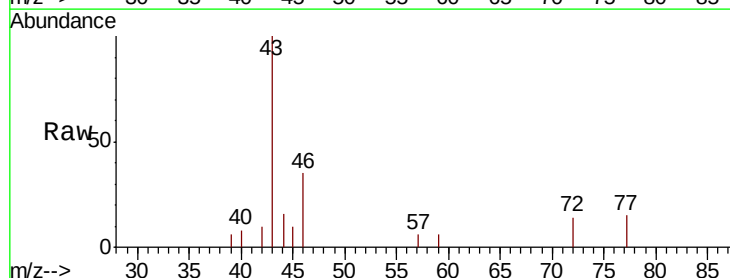
Acq: 10 Sep 2020 17:14

Tgt Ion: 43 Resp: 4709

Ion Ratio Lower Upper

43 100

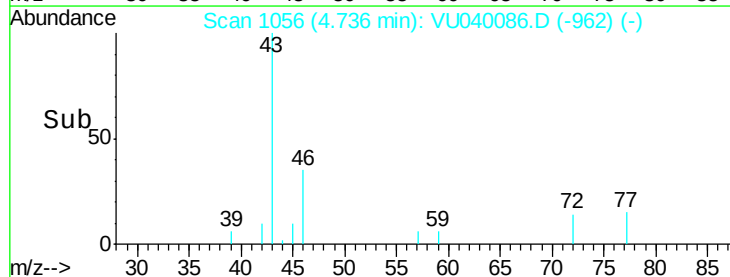
72 11.6 11.7 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-1033) (-)

Ion 72.10 (71.80 to 72.80): VU040071.D (-1033) (-)

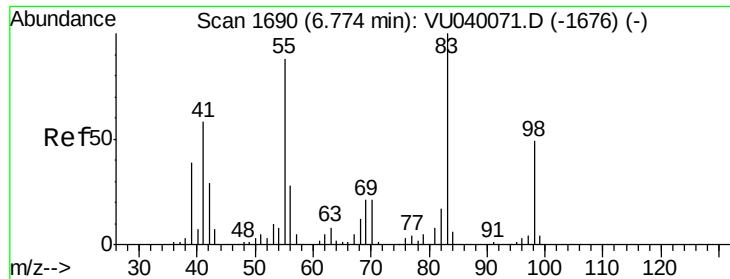
Time-->



Abundance Ion 43.05 (42.75 to 43.75): VU040086.D (-962) (-)

Ion 72.10 (71.80 to 72.80): VU040086.D (-962) (-)

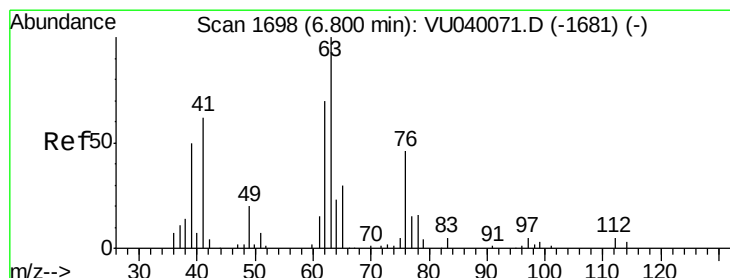
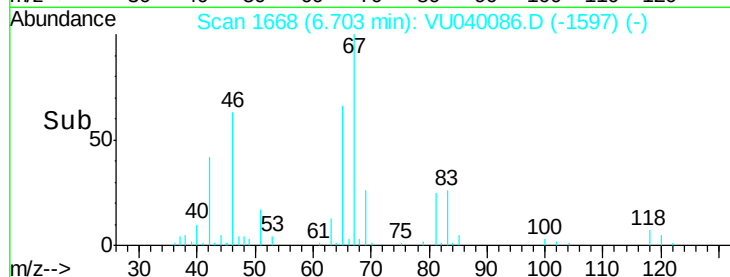
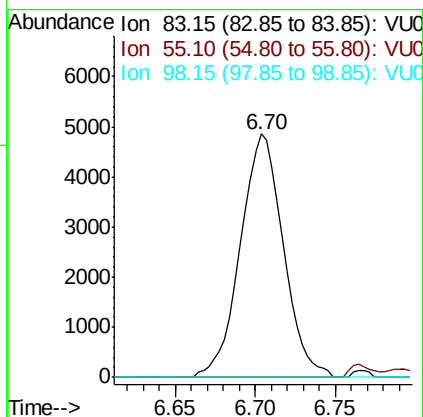
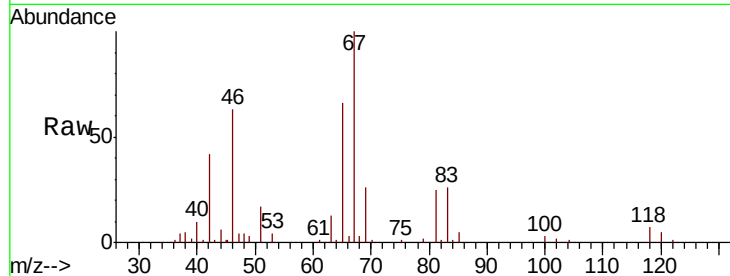
Time-->



#35
Methylvlcyclohexane
Concen: 0.511 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040086.D
Acq: 10 Sep 2020 17:14

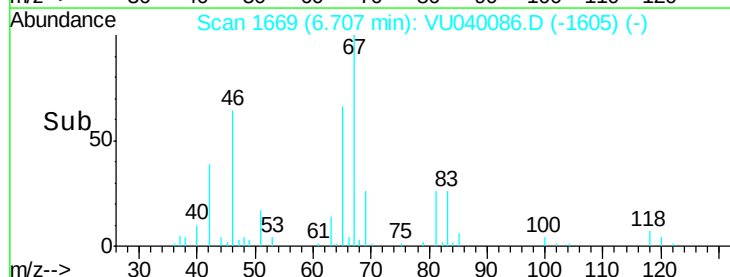
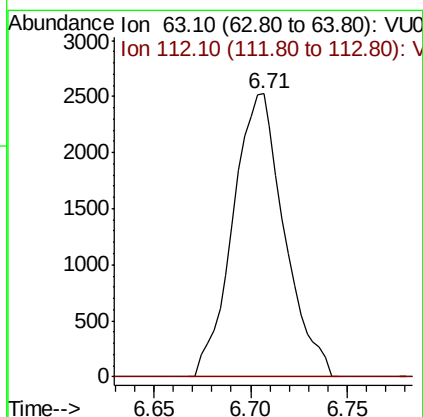
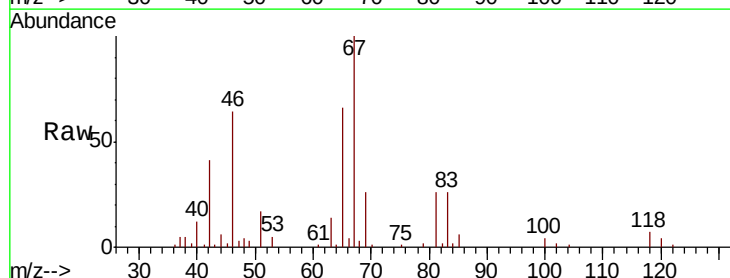
Instrument :
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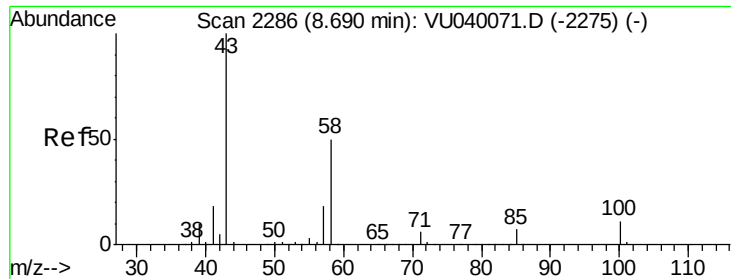
Tot Ion: 83 Resp: 8894
Ion Ratio Lower Upper
83 100
55 3.0 70.5 105.7#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.406 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040086.D
Acq: 10 Sep 2020 17:14

Tgt Ion: 63 Resp: 4667
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

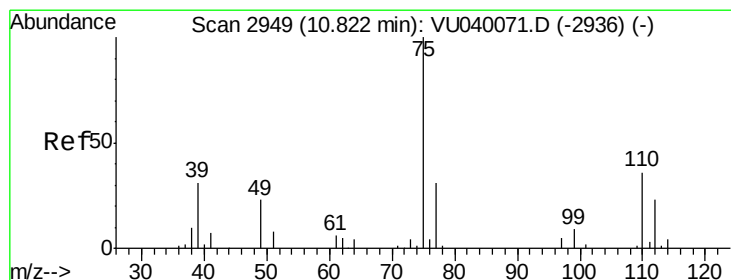
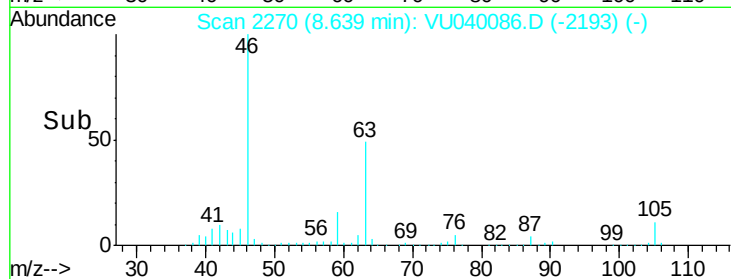
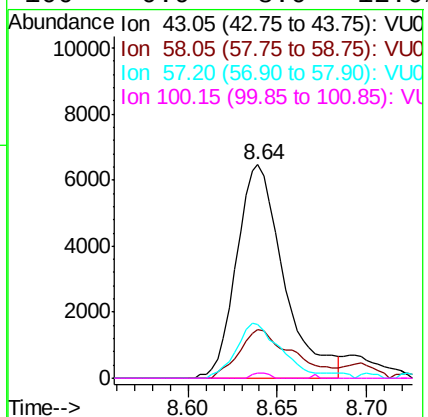
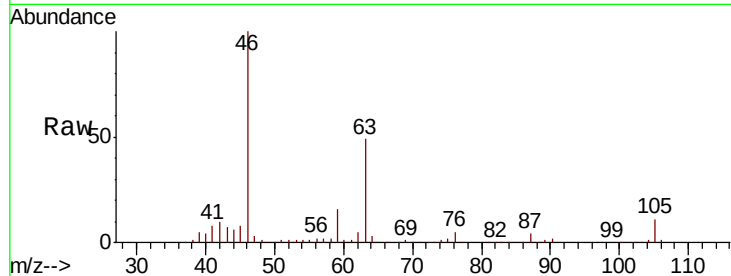




#48
 2-Hexanone
 Concen: 1.729 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040086.D
 Acq: 10 Sep 2020 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y27

Tot Ion: 43 Resp: 11881
 Ion Ratio Lower Upper
 43 100
 58 25.8 39.6 59.4#
 57 25.3 14.3 21.5#
 100 0.9 8.0 12.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.105 ug/L
 RT: 10.53 min Scan# 2858
 Delta R.T. -0.29 min
 Lab File: VU040086.D
 Acq: 10 Sep 2020 17:14

Tgt Ion: 75 Resp: 892
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#

