

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041389.D
 Acq On : 23 Nov 2020 15:44
 Operator : SY/MD
 Sample : L4849-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4401

Quant Time: Nov 24 02:20:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57849	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13690	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.92	69	13607	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.57	63	25464	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.64	46	69525	67.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.24%#
24) Chloroform-d	5.08	84	44000	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	28099	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.74	84	76842	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.70	67	27163	6.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.60%
41) Toluene-d8	7.90	98	64404	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.19	79	10504	5.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.60%
46) 2-Hexanone-d5	8.64	63	49045	78.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	156.48%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22873	6.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.20%#
64) 1,2-Dichlorobenzene-d4	12.19	152	25851	6.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.00%#

Target Compounds

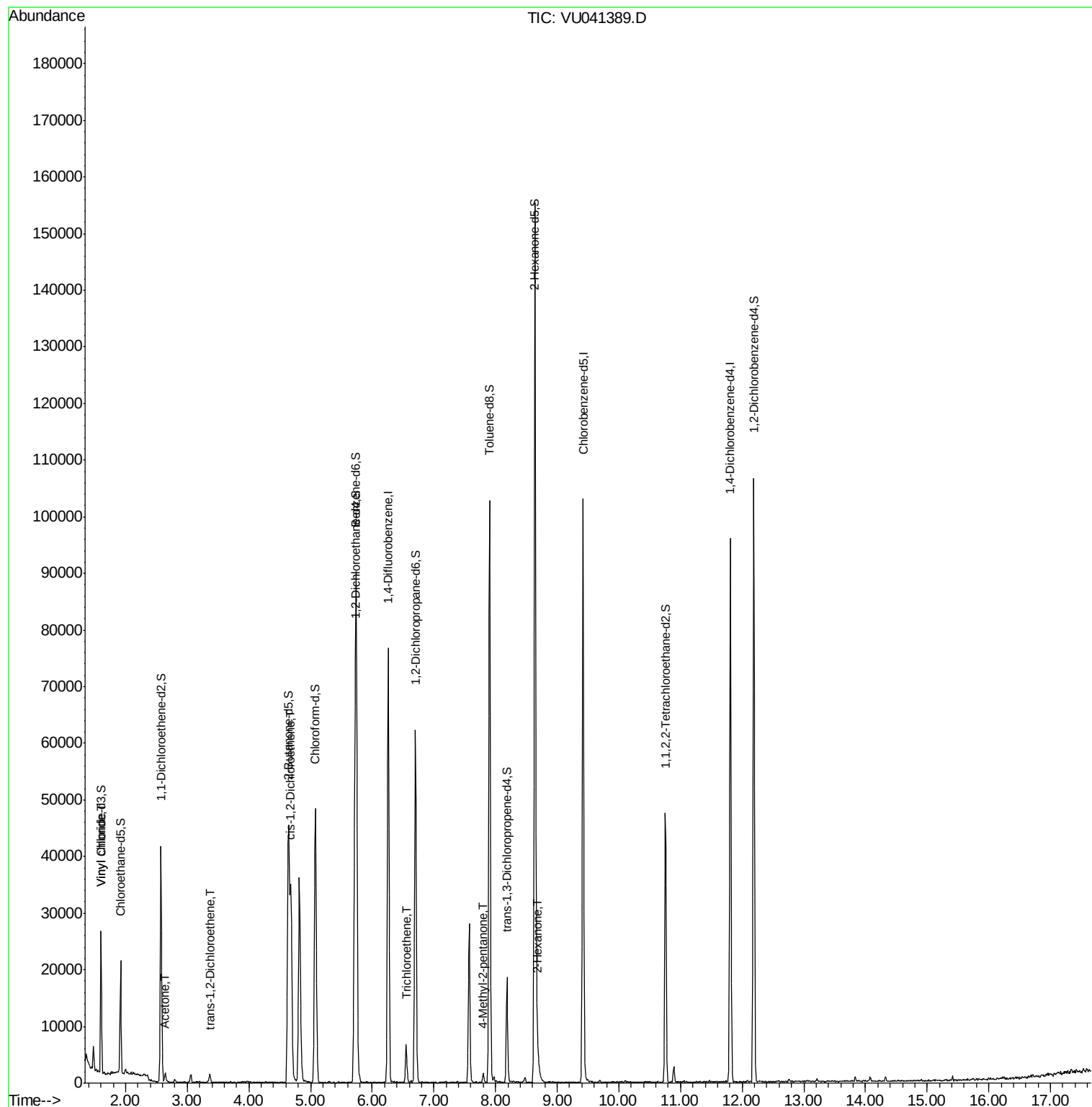
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	1926	0.381	ug/L #	73
13) Acetone	2.64	43	1984	2.834	ug/L	92
18) trans-1,2-Dichloroethene	3.37	96	562	0.145	ug/L	78
22) cis-1,2-Dichloroethene	4.68	96	14540	3.539	ug/L	98
34) Trichloroethene	6.55	95	2454	0.620	ug/L	91
40) 4-Methyl-2-pentanone	7.80	43	1299	0.531	ug/L #	74
48) 2-Hexanone	8.68	43	2487	1.385	ug/L #	81

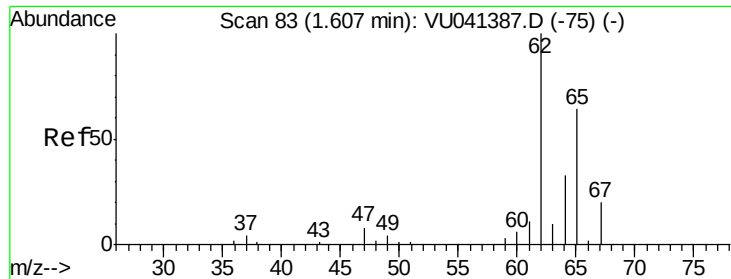
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.381 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041389.D

Acq: 23 Nov 2020 15:44

Instrument :

MSVOA_U

ClientSampled :

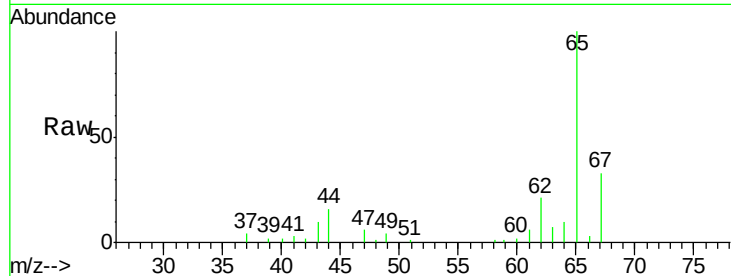
H4401

Tot Ion: 62 Resp: 1926

Ion Ratio Lower Upper

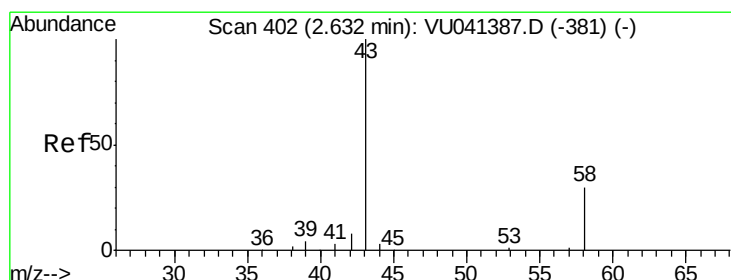
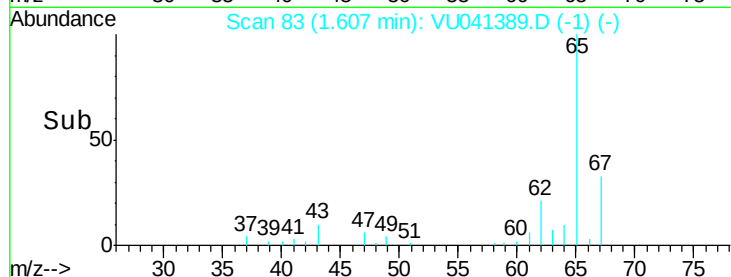
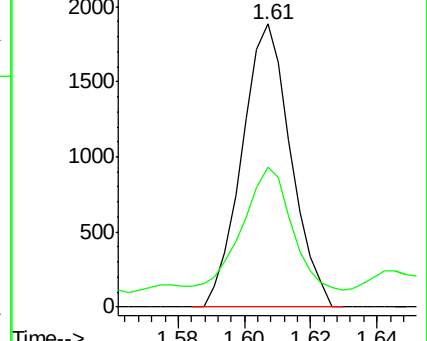
62 100

64 49.4 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 2.834 ug/L

RT: 2.64 min Scan# 405

Delta R.T. 0.01 min

Lab File: VU041389.D

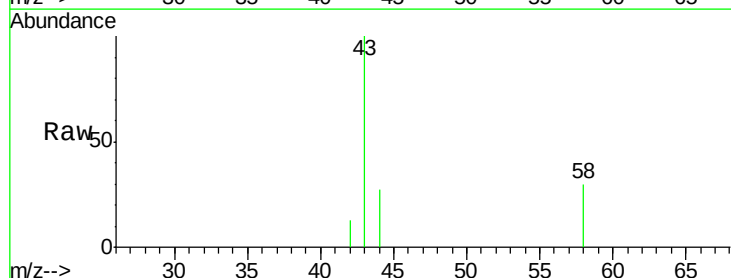
Acq: 23 Nov 2020 15:44

Tgt Ion: 43 Resp: 1984

Ion Ratio Lower Upper

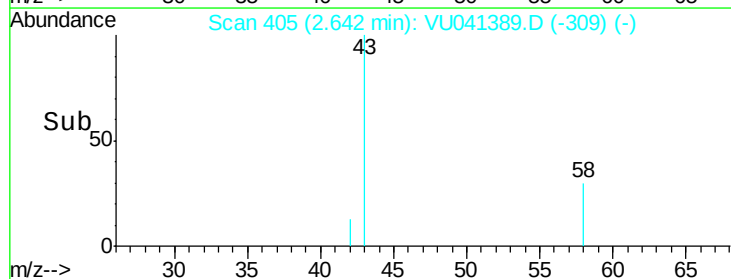
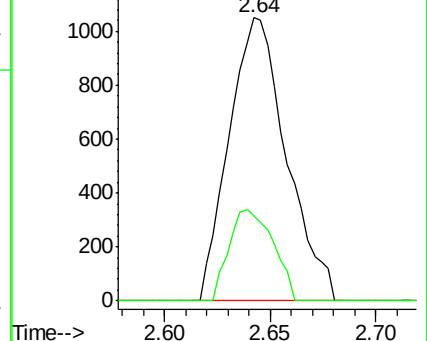
43 100

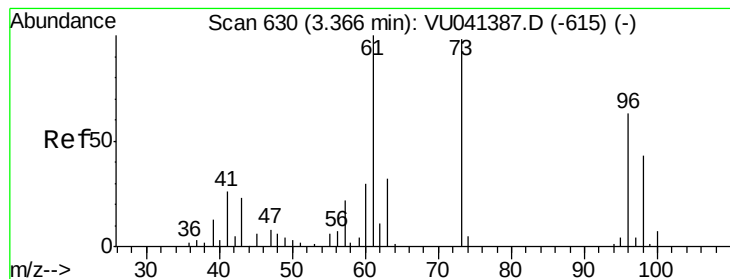
58 24.7 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU041389.D

Acq: 23 Nov 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

H4401

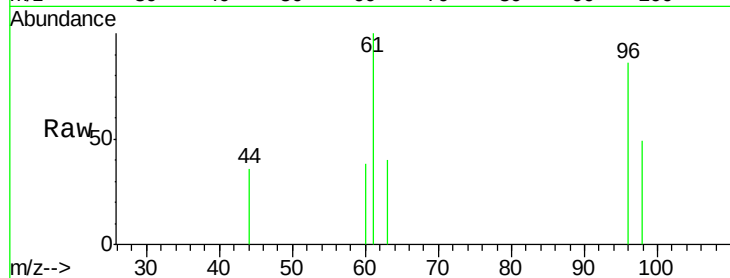
Tot Ion: 96 Resp: 562

Ion Ratio Lower Upper

96 100

61 116.2 103.7 192.5

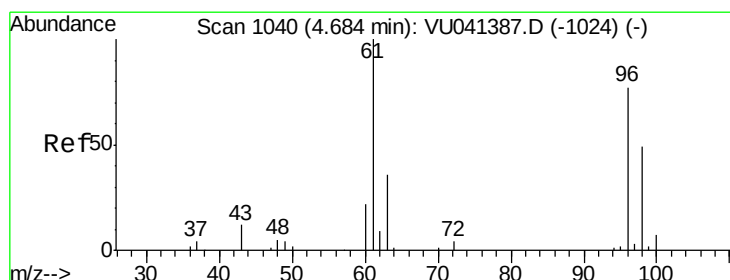
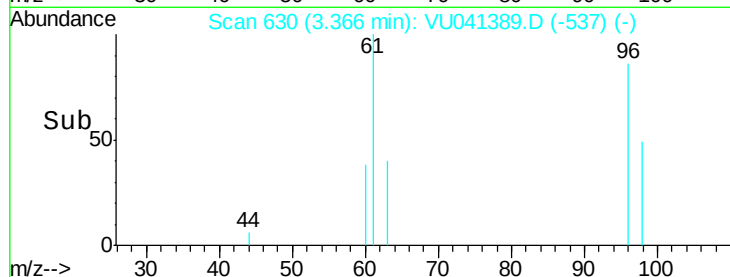
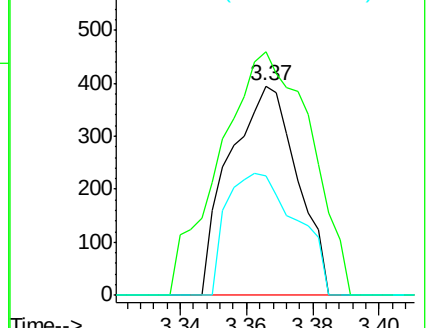
98 57.2 47.5 88.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 3.539 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU041389.D

Acq: 23 Nov 2020 15:44

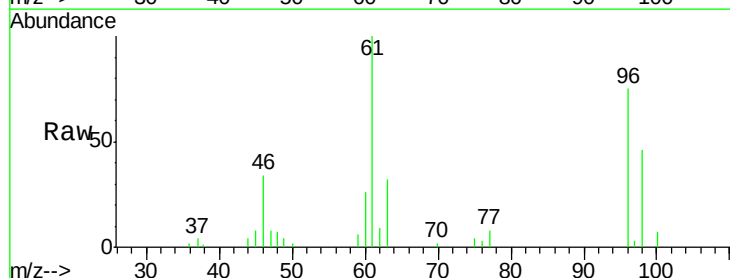
Tgt Ion: 96 Resp: 14540

Ion Ratio Lower Upper

96 100

61 134.0 95.3 176.9

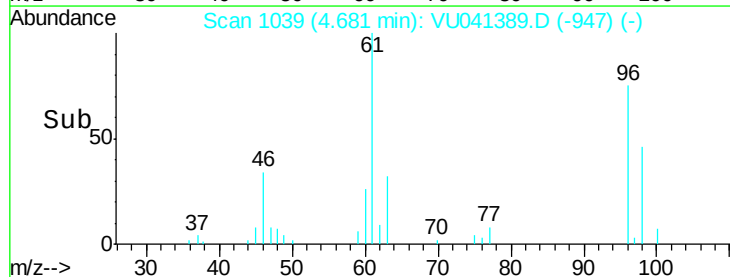
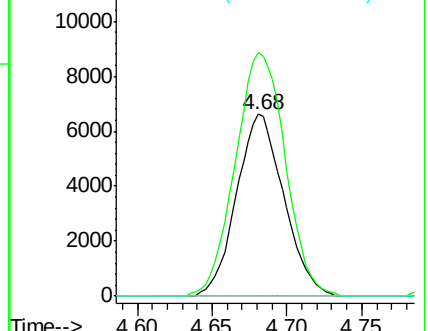
68 0.0 0.0 0.0

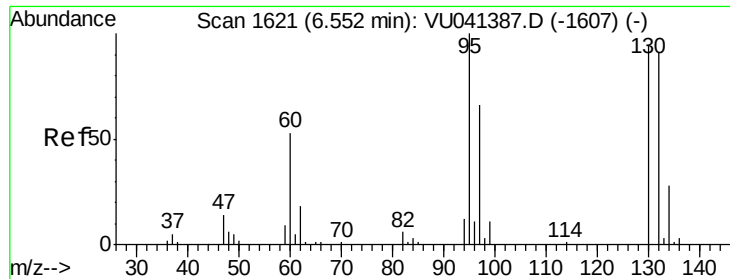


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.620 ug/L

RT: 6.55 min Scan# 1619

Delta R.T. -0.01 min

Lab File: VU041389.D

Acq: 23 Nov 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

H4401

Tot Ion: 95 Resp: 2454

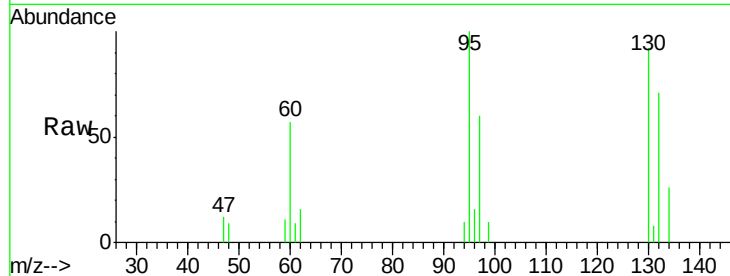
Ion Ratio Lower Upper

95 100

97 60.1 46.5 86.5

132 70.8 60.8 113.0

130 92.2 63.3 117.7

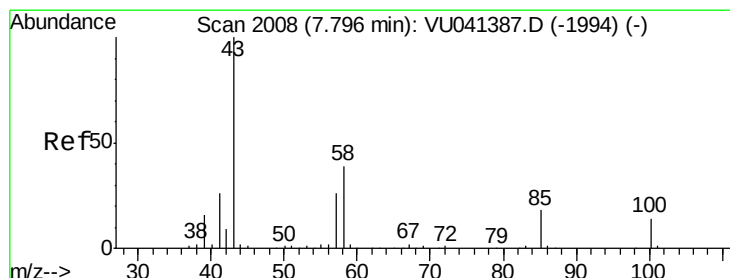
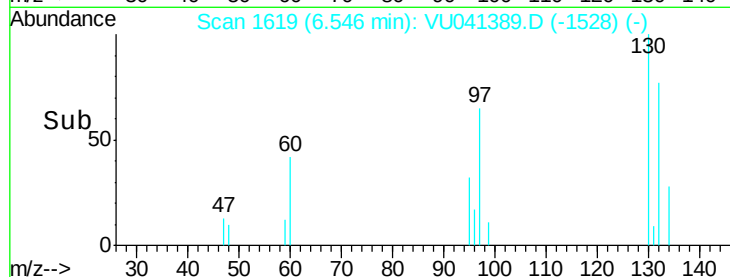
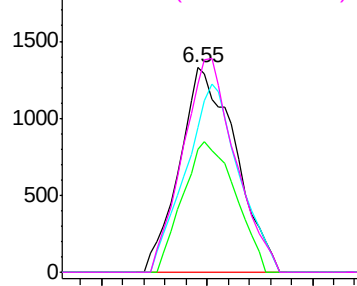


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#40

4-Methyl-2-pentanone

Concen: 0.531 ug/L

RT: 7.80 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU041389.D

Acq: 23 Nov 2020 15:44

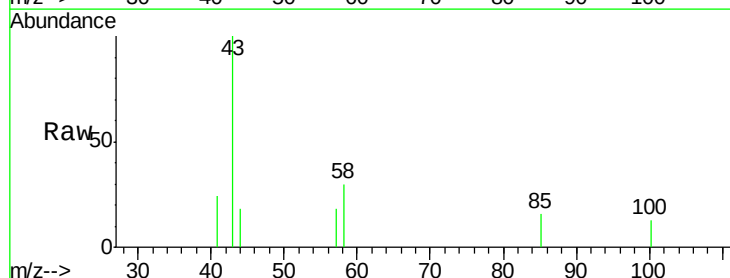
Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

43 100

58 23.6 29.8 44.8#

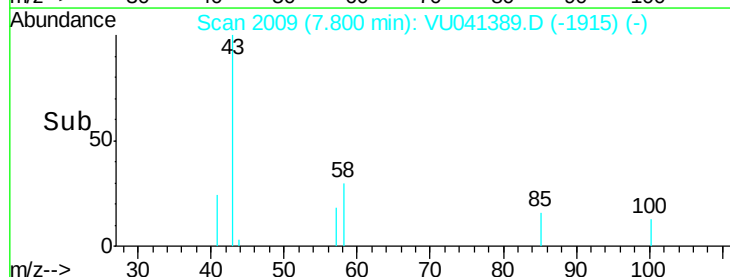
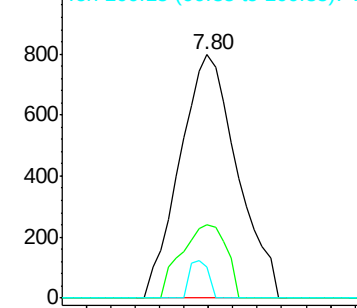
100 0.0 10.9 16.3#

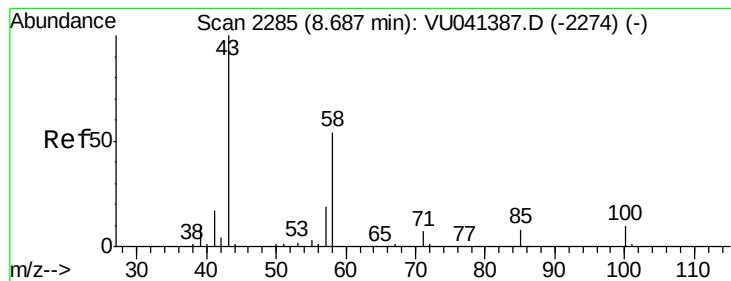


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 100.15 (99.85 to 100.85): VU0





#48
 2-Hexanone
 Concen: 1.385 ug/L
 RT: 8.68 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VU041389.D
 Acq: 23 Nov 2020 15:44

Instrument :
 MSVOA_U
 ClientSampleId :
 H4401

Tot Ion: 43 Resp: 2487
 Ion Ratio Lower Upper
 43 100
 58 36.5 42.0 63.0#
 57 22.2 15.0 22.4
 100 1.6 8.4 12.6#

