

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041395.D
 Acq On : 23 Nov 2020 18:15
 Operator : SY/MD
 Sample : L4849-03DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4406DL

Quant Time: Nov 24 02:43:00 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	68201	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22051	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	16437	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	36728	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	65989	54.04	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	5.08	84	42363	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	28533	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	80887	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	27558	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	73234	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	11732	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	44086	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22949	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27377	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

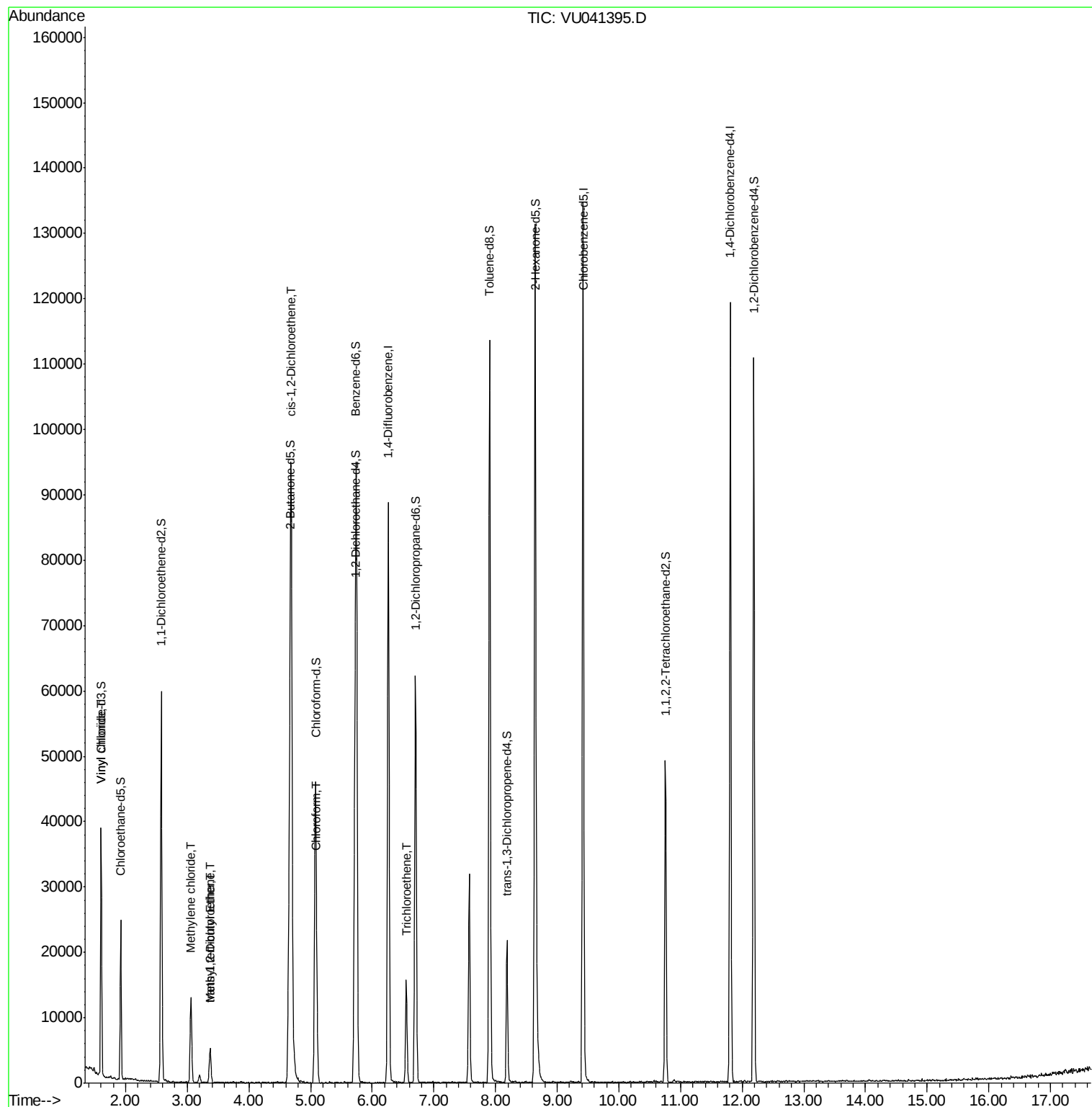
					Ovalue
5) Vinyl chloride	1.61	62	3834	0.643 ug/L	84
16) Methylene chloride	3.06	84	6025	1.004 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	1332	0.127 ug/L #	87
18) trans-1,2-Dichloroethene	3.37	96	1981	0.435 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	37339	7.709 ug/L	98
25) Chloroform	5.11	83	3126	0.314 ug/L	92
34) Trichloroethene	6.55	95	5238	1.053 ug/L	92

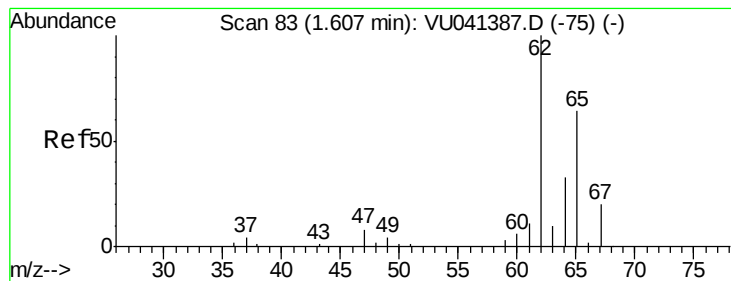
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
Data File : VU041395.D
Acq On : 23 Nov 2020 18:15
Operator : SY/MD
Sample : L4849-03DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Quant Time: Nov 24 02:43:00 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





#5

Vinyl chloride

Concen: 0.643 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041395.D

Acq: 23 Nov 2020 18:15

Instrument :

MSVOA_U

ClientSampled :

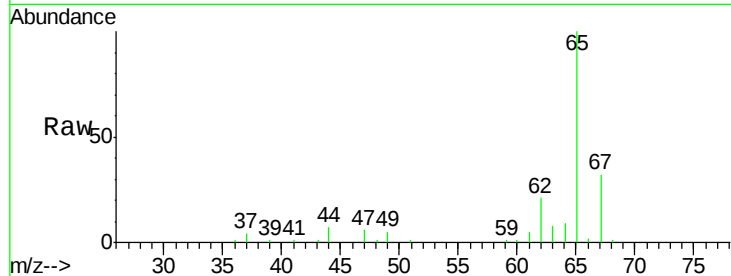
H4406DL

Tot Ion: 62 Resp: 3834

Ion Ratio Lower Upper

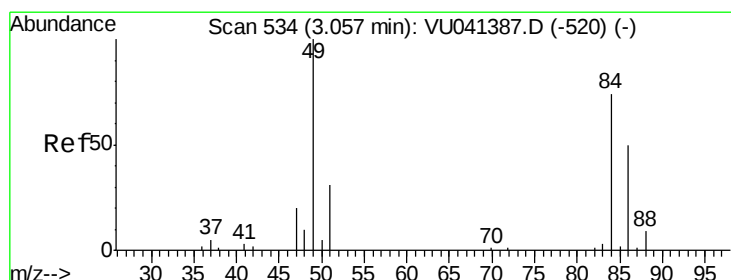
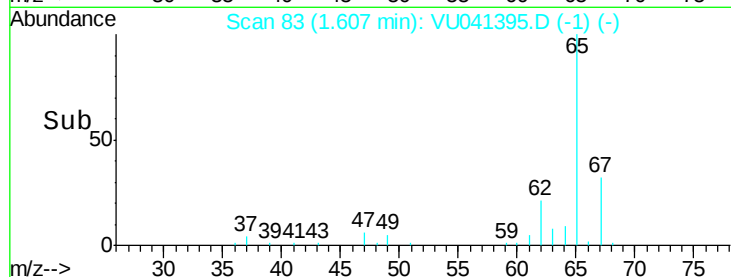
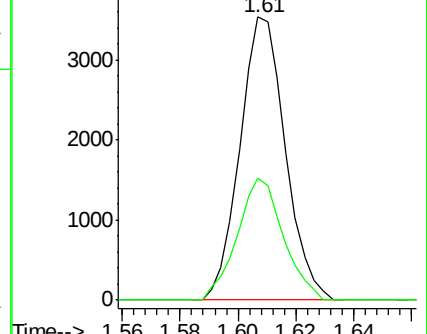
62 100

64 43.0 23.8 44.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 1.004 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041395.D

Acq: 23 Nov 2020 18:15

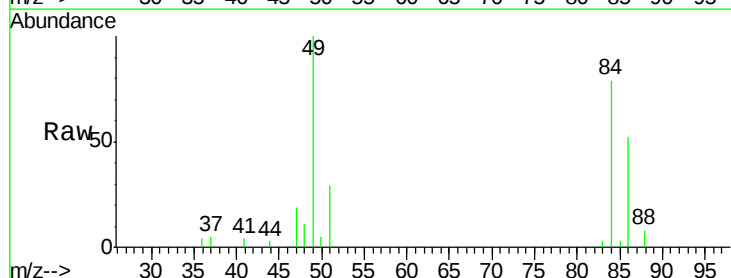
Tgt Ion: 84 Resp: 6025

Ion Ratio Lower Upper

84 100

86 65.4 44.4 82.5

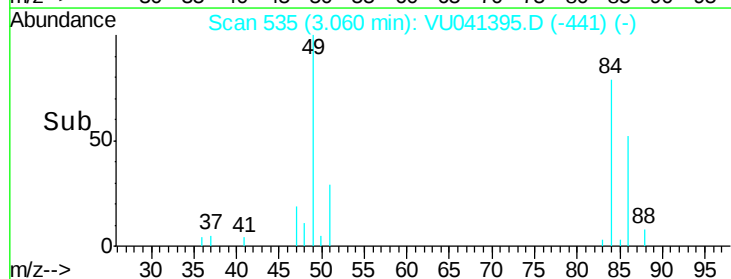
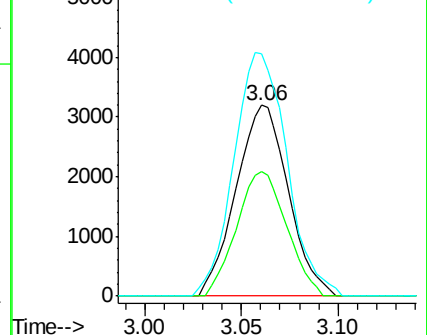
49 126.8 89.9 167.0

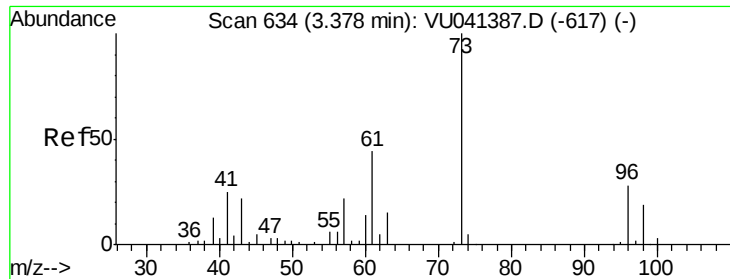


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

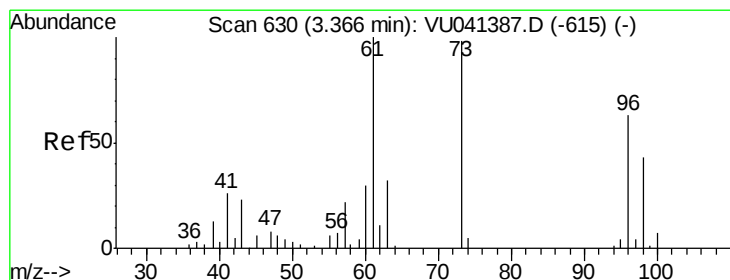
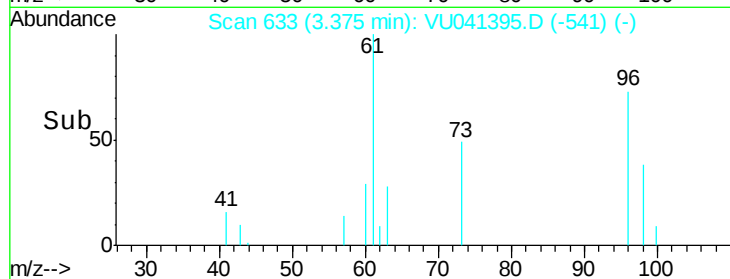
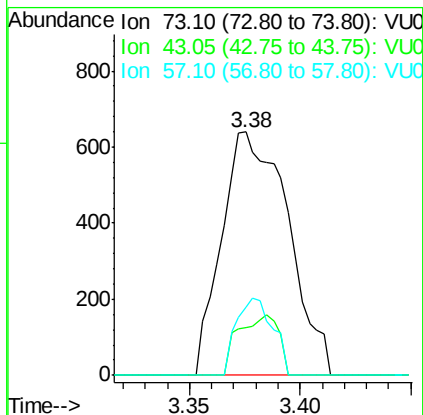
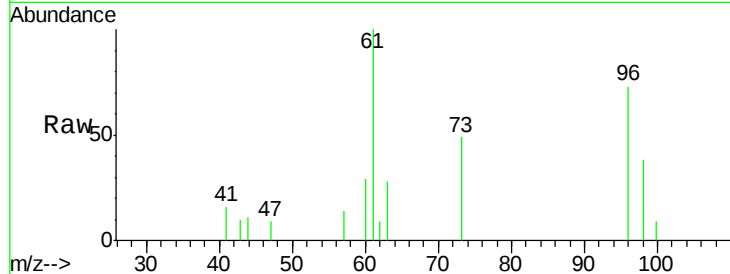




#17
Methvl tert-butvl Ether
Concen: 0.127 ug/L
RT: 3.38 min Scan# 633
Delta R.T. -0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

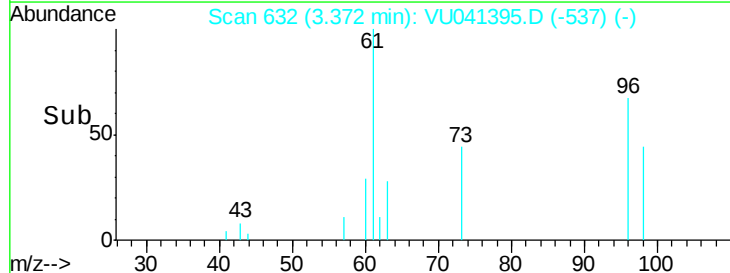
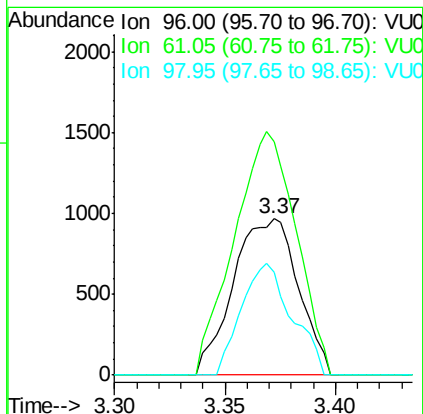
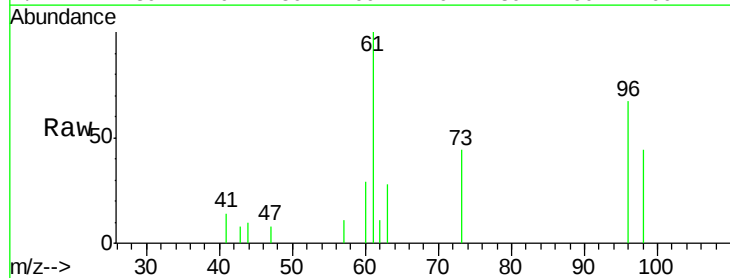
Instrument :
MSVOA_U
ClientSampleId :
H4406DL

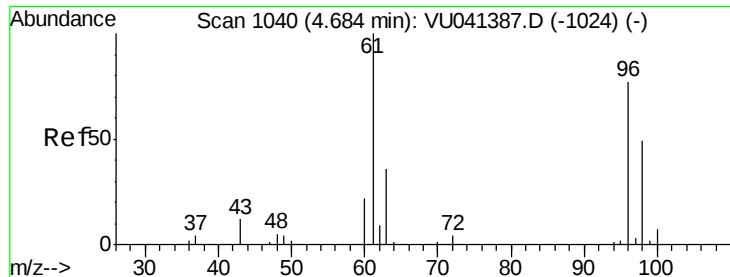
Tot Ion: 73 Resp: 1332
Ion Ratio Lower Upper
73 100
43 15.2 18.3 27.5#
57 17.7 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 0.435 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 96 Resp: 1981
Ion Ratio Lower Upper
96 100
61 149.6 103.7 192.5
98 66.1 47.5 88.3





#22

cis-1,2-Dichloroethene

Concen: 7.709 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041395.D

Acq: 23 Nov 2020 18:15

Instrument :

MSVOA_U

ClientSampleId :

H4406DL

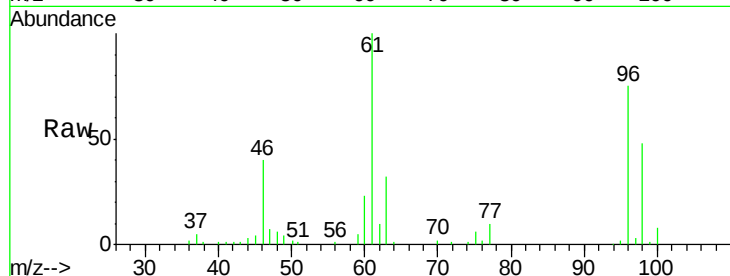
Tot Ion: 96 Resp: 37339

Ion Ratio Lower Upper

96 100

61 133.6 95.3 176.9

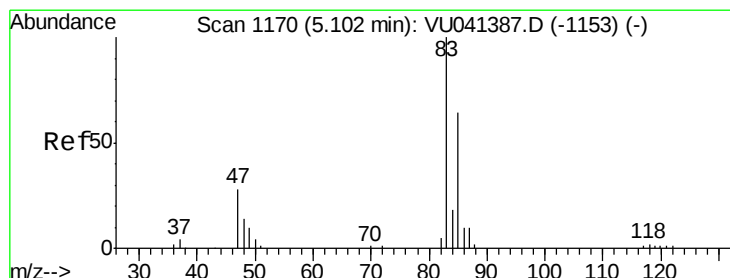
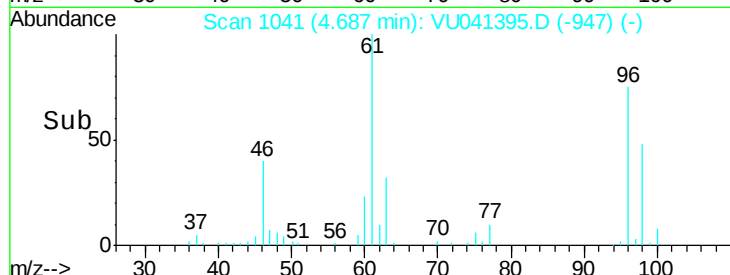
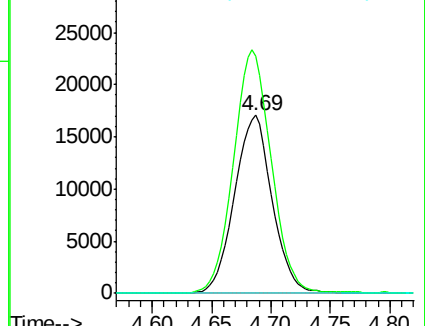
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 0.314 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041395.D

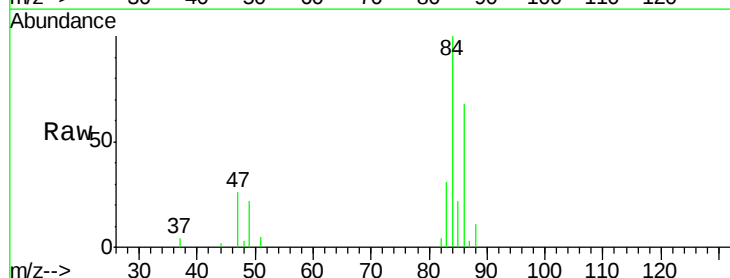
Acq: 23 Nov 2020 18:15

Tgt Ion: 83 Resp: 3126

Ion Ratio Lower Upper

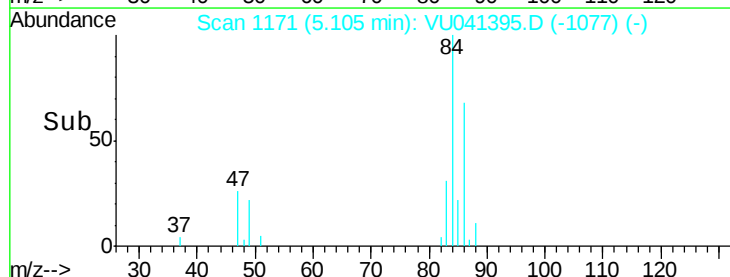
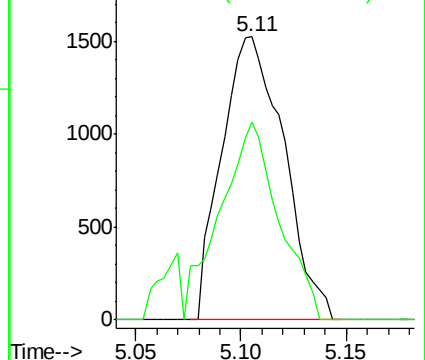
83 100

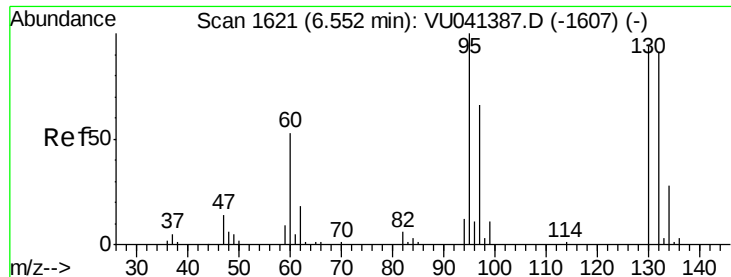
85 69.8 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.053 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041395.D

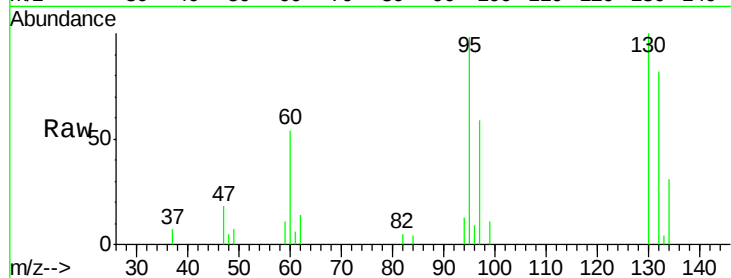
Acq: 23 Nov 2020 18:15

Instrument :

MSVOA_U

ClientSampleId :

H4406DL



Tot Ion: 95 Resp: 5238

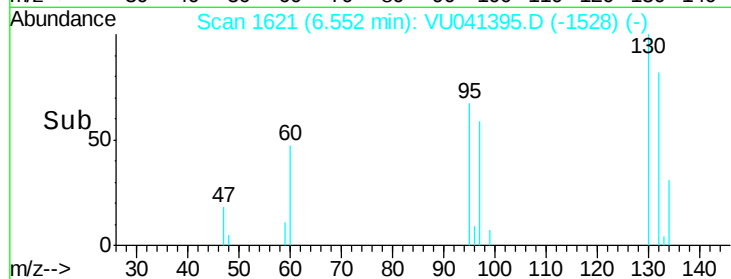
Ion Ratio Lower Upper

95 100

97 60.4 46.5 86.5

132 83.4 60.8 113.0

130 102.0 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

