

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041398.D
 Acq On : 23 Nov 2020 19:27
 Operator : SY/MD
 Sample : L4849-07DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4412DL

Quant Time: Nov 24 02:54:16 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	66262	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22193	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	16539	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	35406	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.66	46	72633	61.22	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.44%
24) Chloroform-d	5.08	84	44322	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	28140	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	77823	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	26891	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	70571	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	11716	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	43933	55.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20348	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27385	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

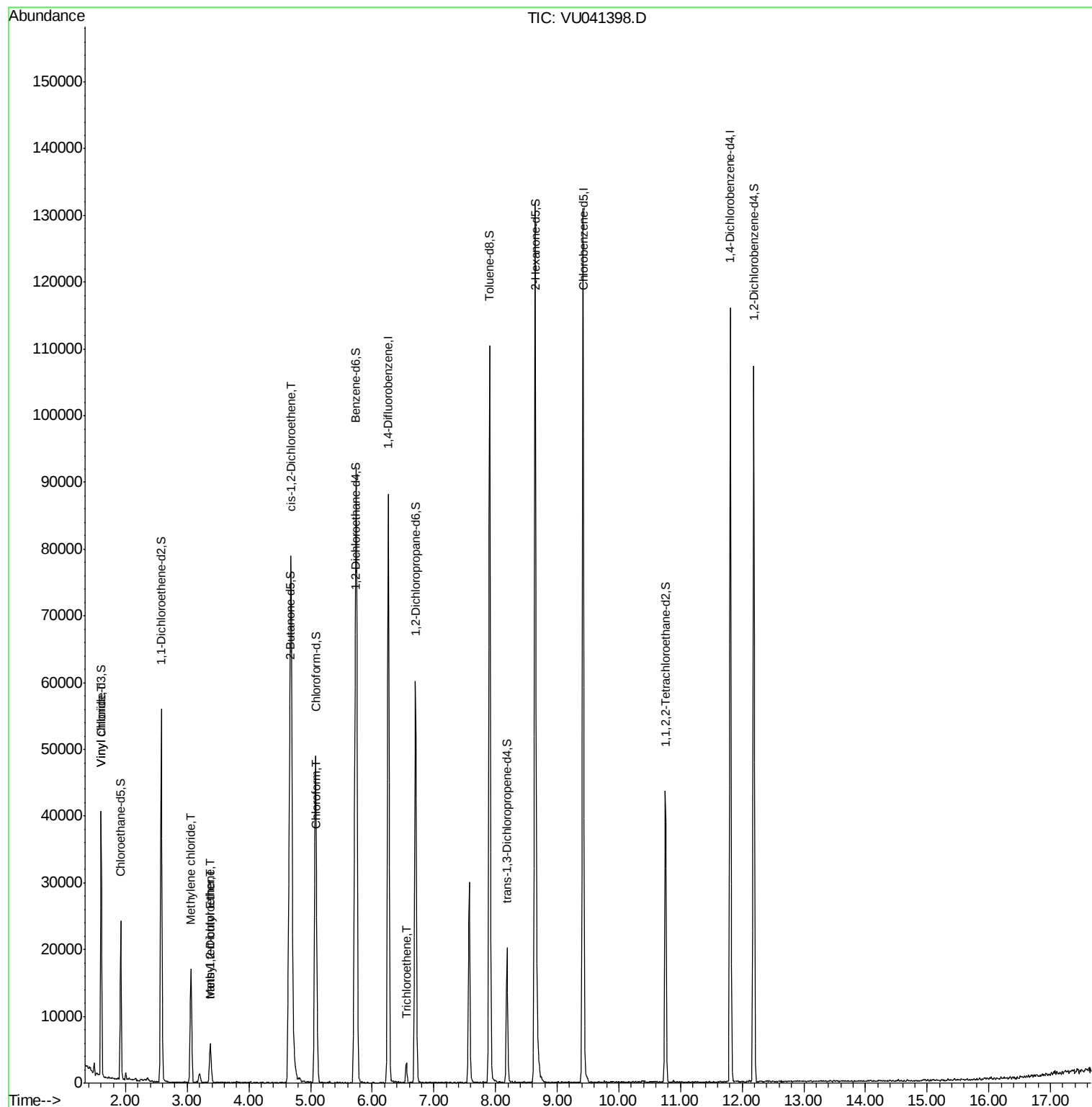
					Ovalue
5) Vinyl chloride	1.61	62	2984	0.515 ug/L	91
16) Methylene chloride	3.06	84	7493	1.285 ug/L	92
17) Methyl tert-butyl Ether	3.39	73	3152	0.310 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	1374	0.311 ug/L	74
22) cis-1,2-Dichloroethene	4.68	96	28442	6.044 ug/L	98
25) Chloroform	5.11	83	2919	0.302 ug/L	92
34) Trichloroethene	6.56	95	1150	0.229 ug/L	94

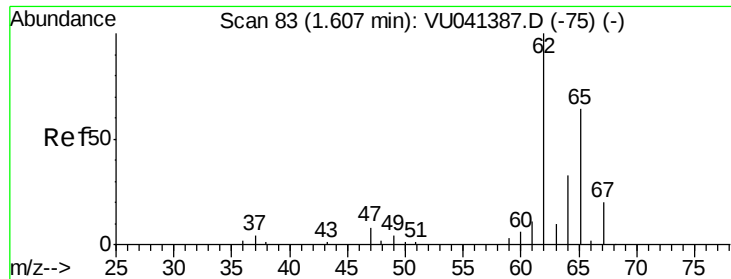
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.515 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041398.D

Acq: 23 Nov 2020 19:27

Instrument :

MSVOA_U

ClientSampleID :

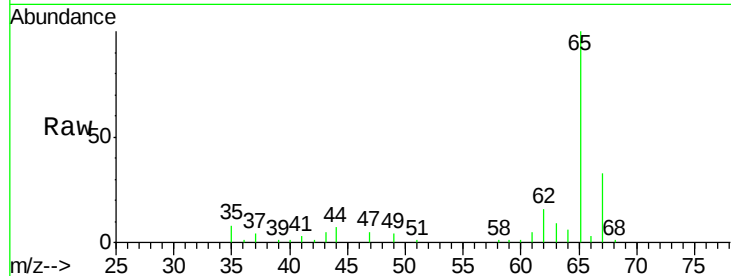
H4412DL

Tot Ion: 62 Resp: 2984

Ion Ratio Lower Upper

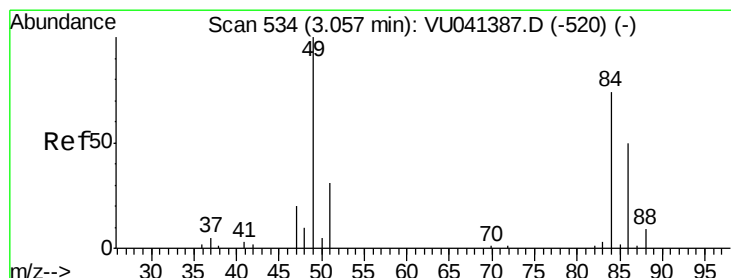
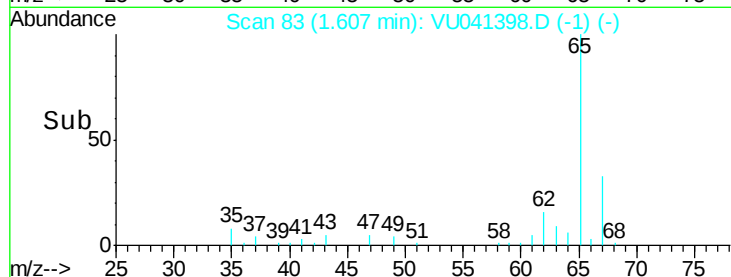
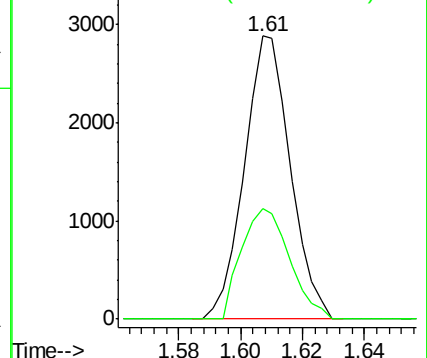
62 100

64 39.2 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: 1.285 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041398.D

Acq: 23 Nov 2020 19:27

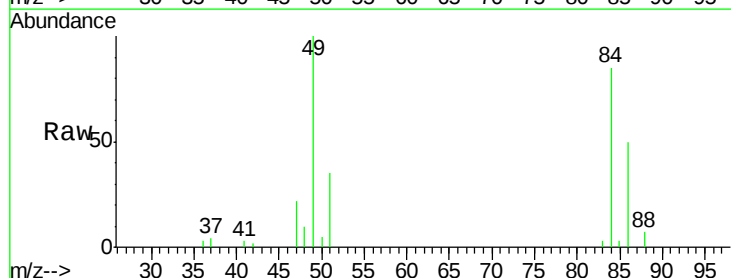
Tgt Ion: 84 Resp: 7493

Ion Ratio Lower Upper

84 100

86 59.1 44.4 82.5

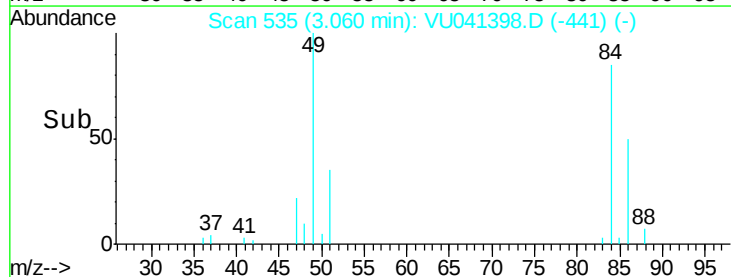
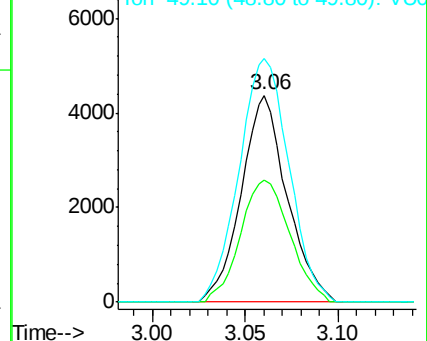
49 117.8 89.9 167.0

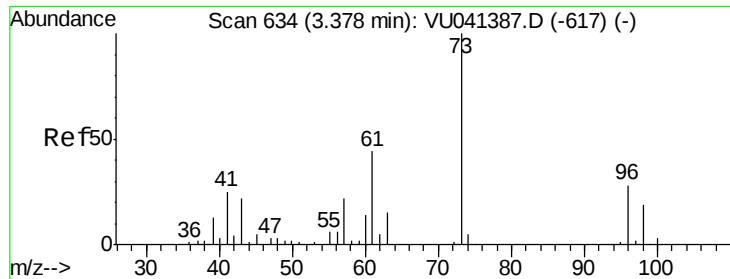


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

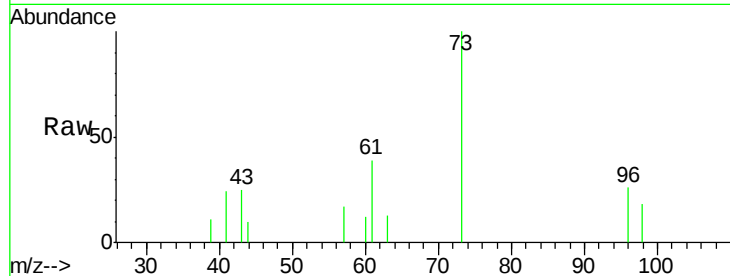




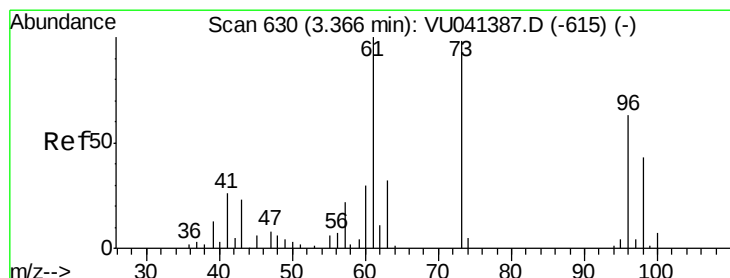
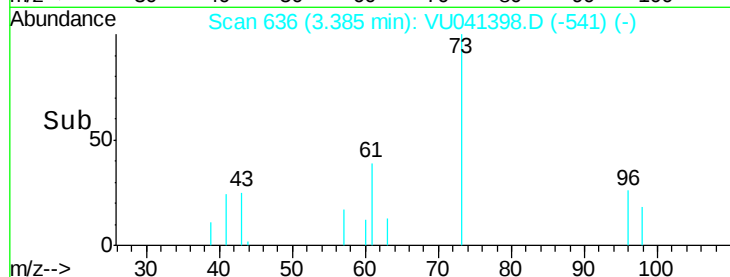
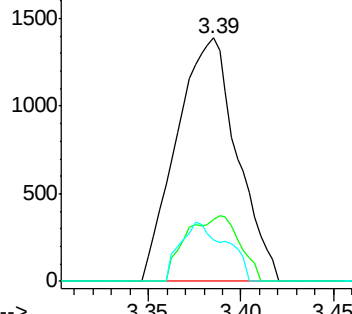
#17
Methvl tert-butvl Ether
Concen: 0.310 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.01 min
Lab File: VU041398.D
Acq: 23 Nov 2020 19:27

Instrument :
MSVOA_U
ClientSampleId :
H4412DL

Tot Ion: 73 Resp: 3152
Ion Ratio Lower Upper
73 100
43 23.8 18.3 27.5
57 18.5 17.7 26.5

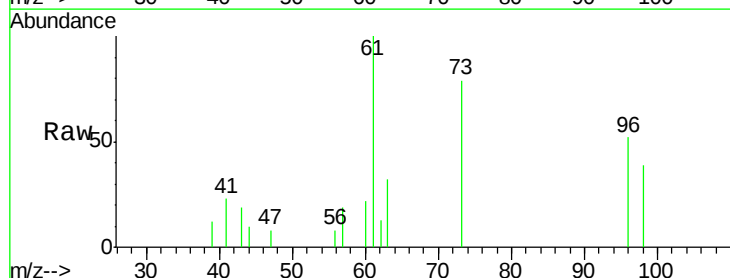


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

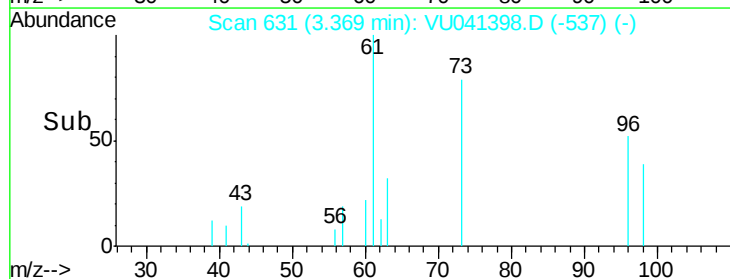
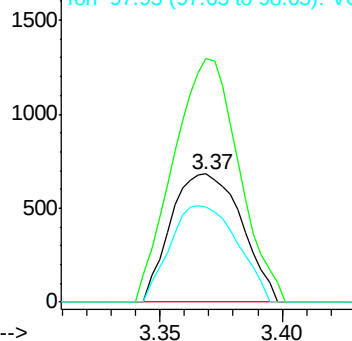


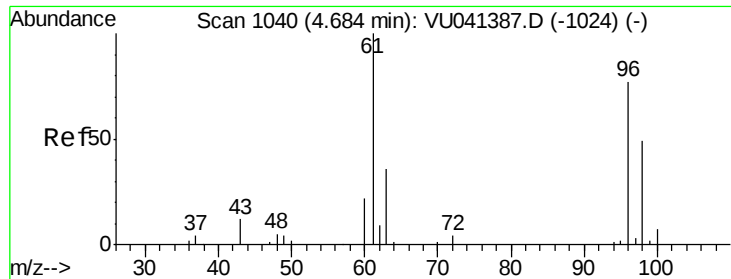
#18
trans-1,2-Dichloroethene
Concen: 0.311 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041398.D
Acq: 23 Nov 2020 19:27

Tgt Ion: 96 Resp: 1374
Ion Ratio Lower Upper
96 100
61 190.6 103.7 192.5
98 74.1 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: 6.044 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041398.D

Acq: 23 Nov 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

H4412DL

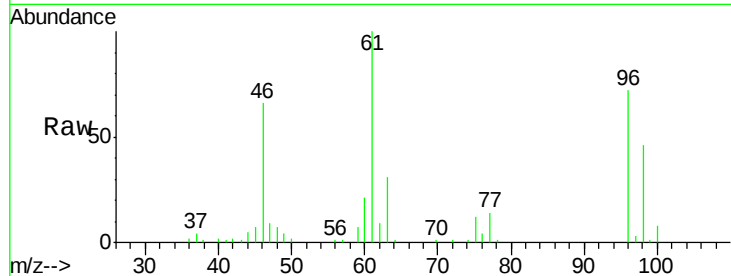
Tot Ion: 96 Resp: 28442

Ion Ratio Lower Upper

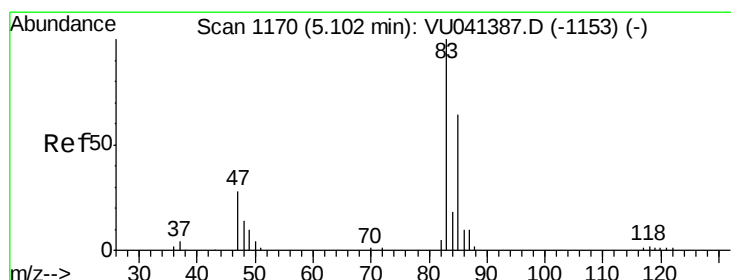
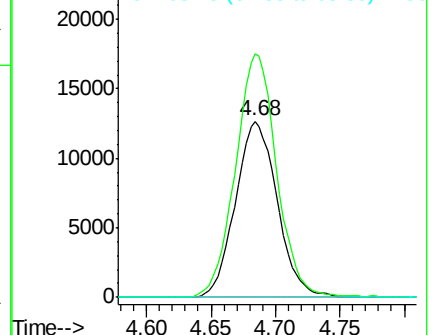
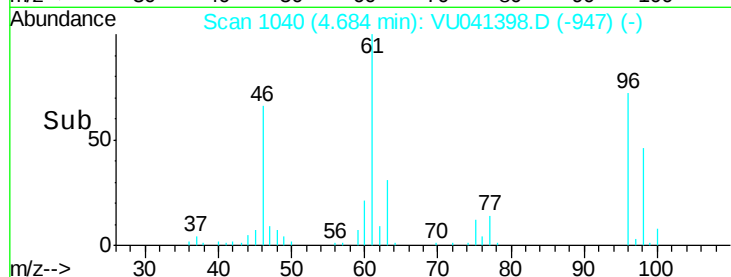
96 100

61 138.1 95.3 176.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041398.D (-947) (-)



#25

Chloroform

Concen: 0.302 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041398.D

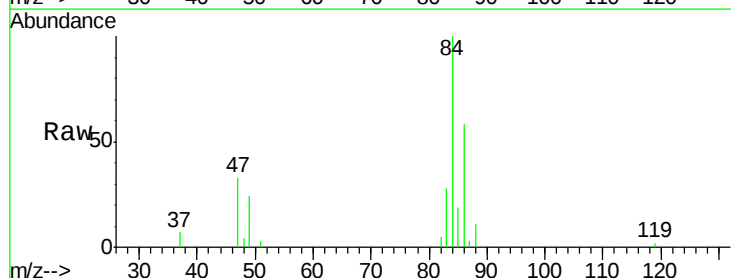
Acq: 23 Nov 2020 19:27

Tgt Ion: 83 Resp: 2919

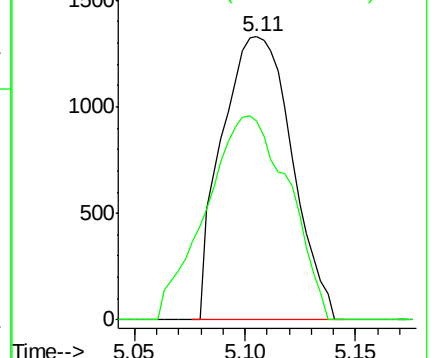
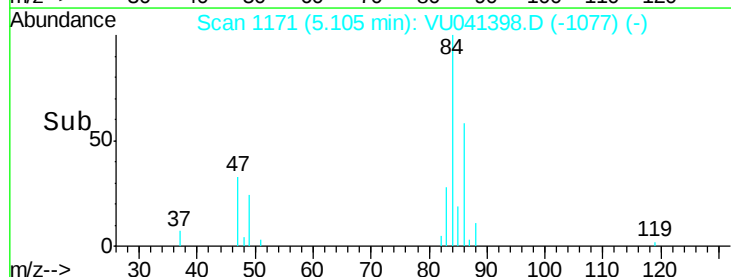
Ion Ratio Lower Upper

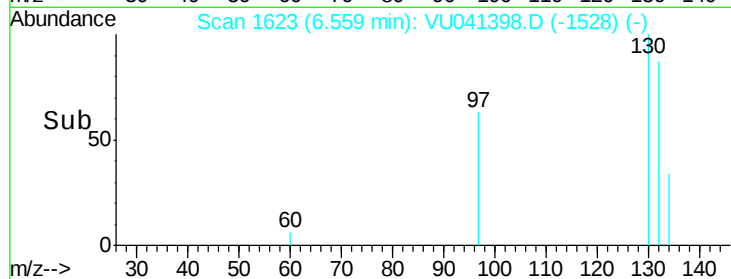
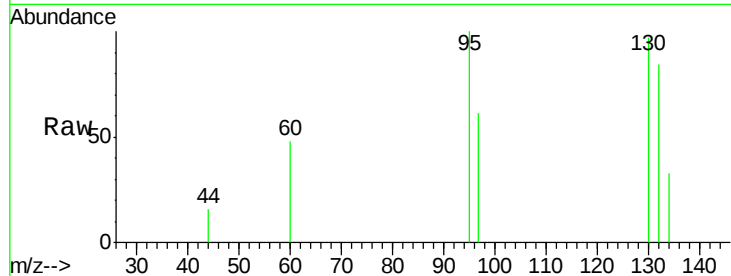
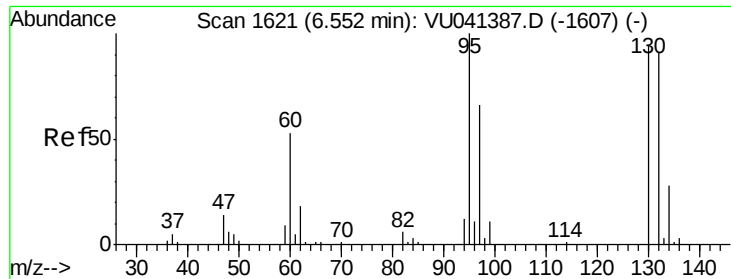
83 100

85 70.4 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU041398.D (-1077) (-)





#34

Trichloroethene

Concen: 0.229 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041398.D

Acq: 23 Nov 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

H4412DL

Tot Ion: 95 Resp: 1150

Ion Ratio Lower Upper

95 100

97 61.0 46.5 86.5

132 84.0 60.8 113.0

130 96.9 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

