

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112420\
 Data File : VU041412.D
 Acq On : 24 Nov 2020 12:34
 Operator : SY/MD
 Sample : L4849-02DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4405DL

Quant Time: Nov 25 07:59:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18737	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	14429	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	31228	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.66	46	68052	58.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	5.08	84	42316	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	28986	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	76539	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	25039	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.91	98	61775	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	11161	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	46622	58.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23182	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	25977	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

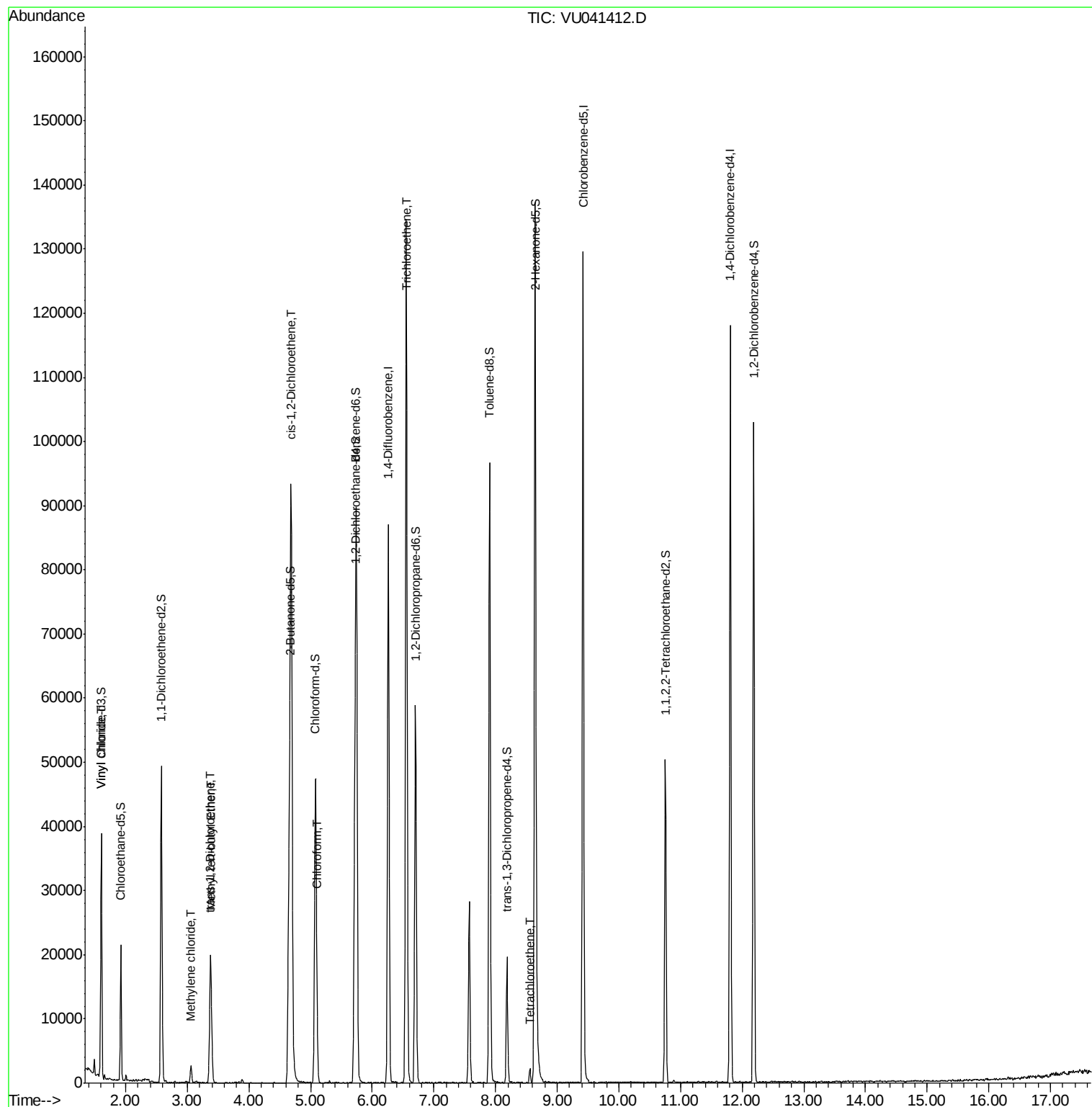
					Ovalue
5) Vinyl chloride	1.61	62	5287	0.933 ug/L	89
16) Methylene chloride	3.07	84	1177	0.206 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	18550	1.866 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	1436	0.332 ug/L	87
22) cis-1,2-Dichloroethene	4.68	96	39957	8.680 ug/L	98
25) Chloroform	5.11	83	2370	0.250 ug/L	95
34) Trichloroethene	6.55	95	45108	9.029 ug/L	97
47) Tetrachloroethene	8.56	164	522	0.140 ug/L	82

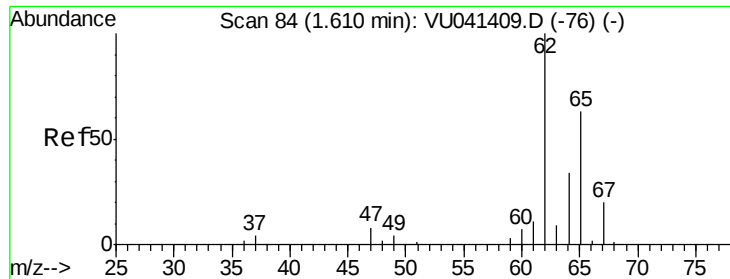
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.933 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041412.D

Acq: 24 Nov 2020 12:34

Instrument :

MSVOA_U

ClientSampled :

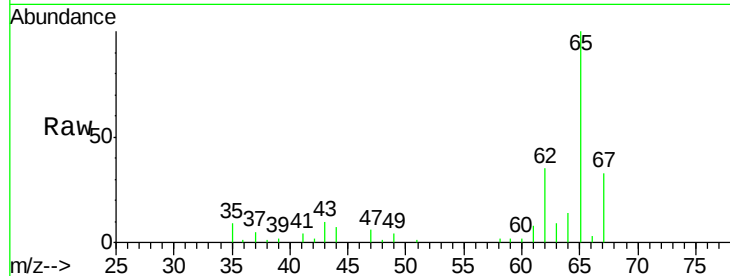
H4405DL

Tot Ion: 62 Resp: 5287

Ion Ratio Lower Upper

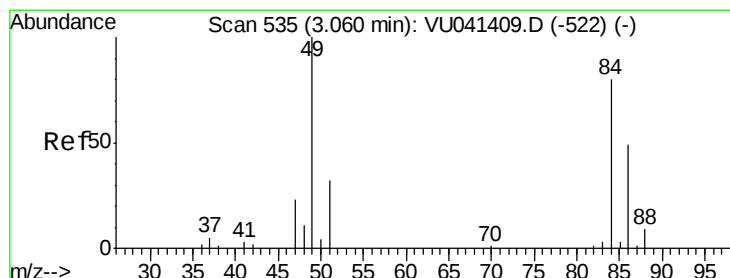
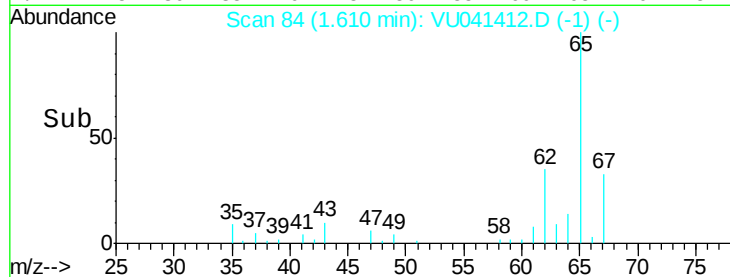
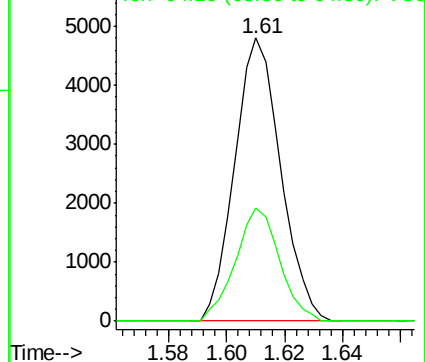
62 100

64 40.1 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: 0.206 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU041412.D

Acq: 24 Nov 2020 12:34

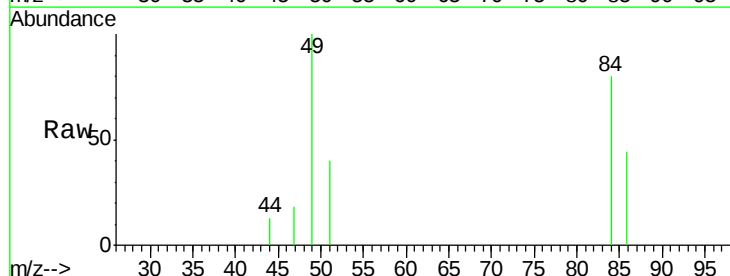
Tgt Ion: 84 Resp: 1177

Ion Ratio Lower Upper

84 100

86 55.2 44.4 82.5

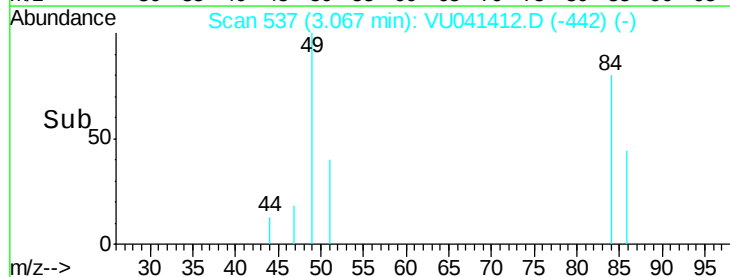
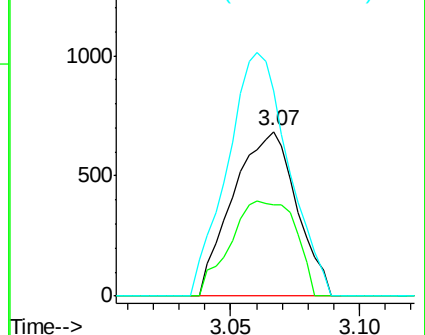
49 125.0 89.9 167.0

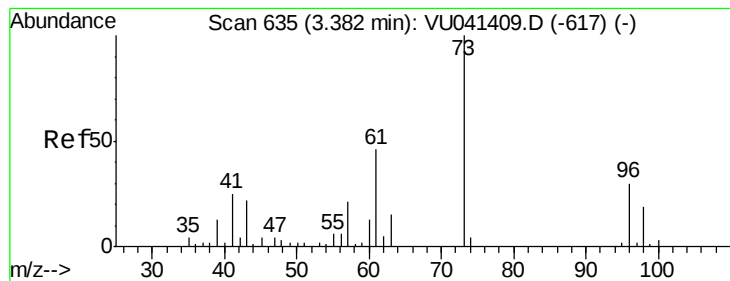


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



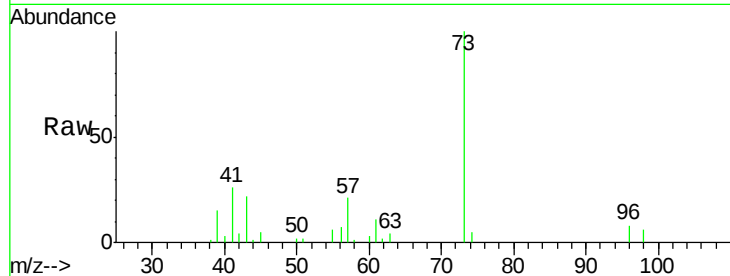


#17

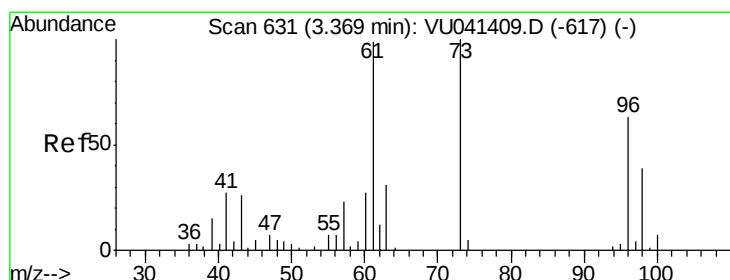
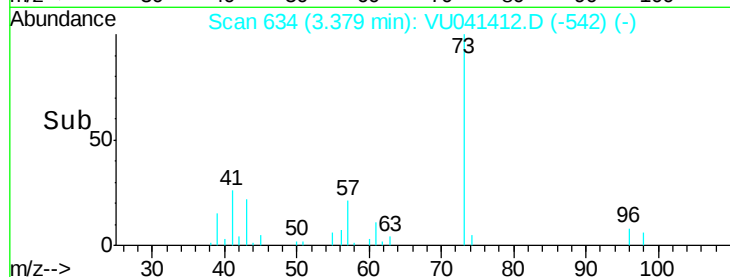
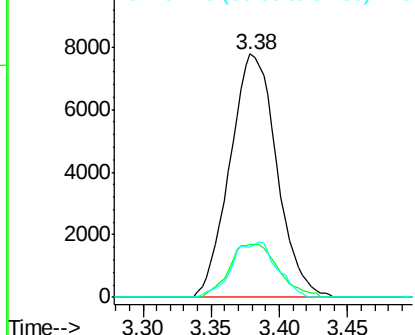
Methvl tert-butvl Ether
 Concen: 1.866 ug/L
 RT: 3.38 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VU041412.D
 Acq: 24 Nov 2020 12:34

Instrument :
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 ClientSampleId :
 H4405DL

Tot Ion: 73 Resp: 18550
 Ion Ratio Lower Upper
 73 100
 43 23.0 18.3 27.5
 57 21.9 17.7 26.5



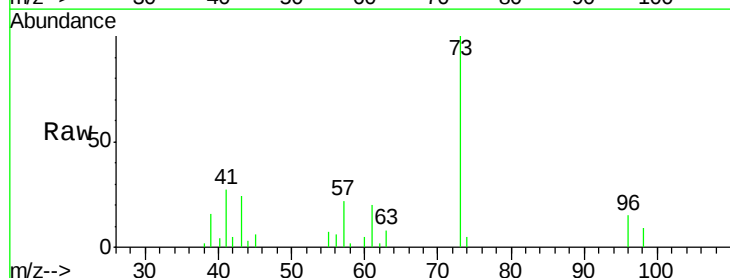
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



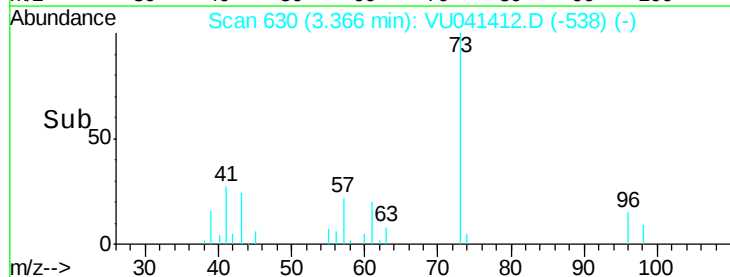
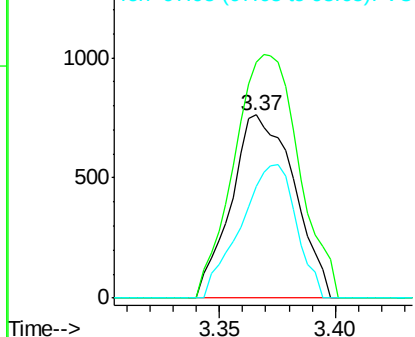
#18

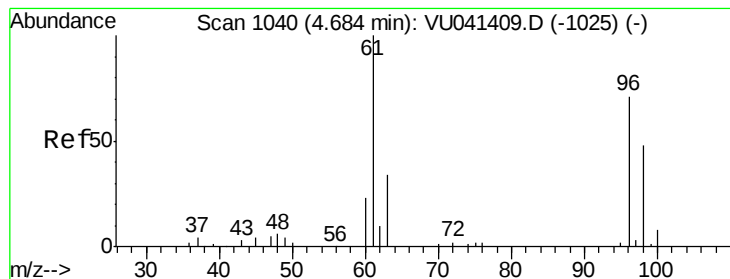
trans-1,2-Dichloroethene
 Concen: 0.332 ug/L
 RT: 3.37 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VU041412.D
 Acq: 24 Nov 2020 12:34

Tgt Ion: 96 Resp: 1436
 Ion Ratio Lower Upper
 96 100
 61 128.9 103.7 192.5
 98 61.2 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: 8.680 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041412.D

Acq: 24 Nov 2020 12:34

Instrument :

MSVOA_U

ClientSampleId :

H4405DL

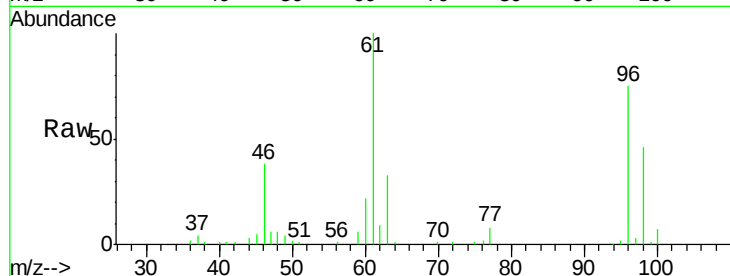
Tot Ion: 96 Resp: 39957

Ion Ratio Lower Upper

96 100

61 134.0 95.3 176.9

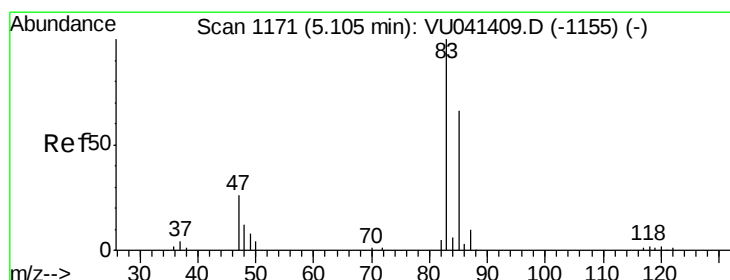
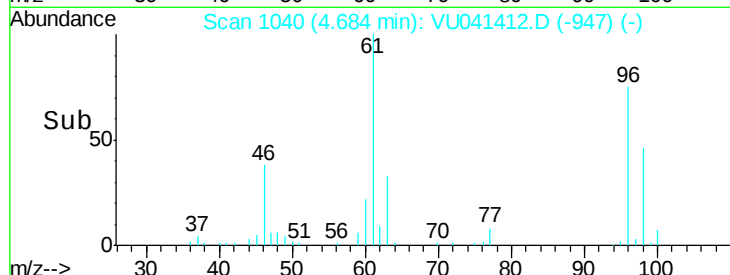
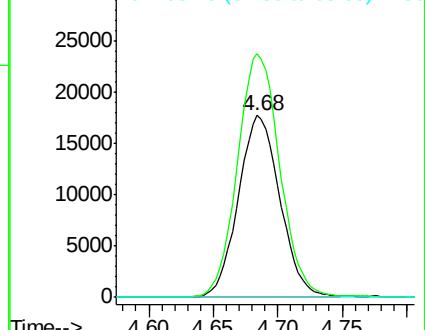
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 0.250 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU041412.D

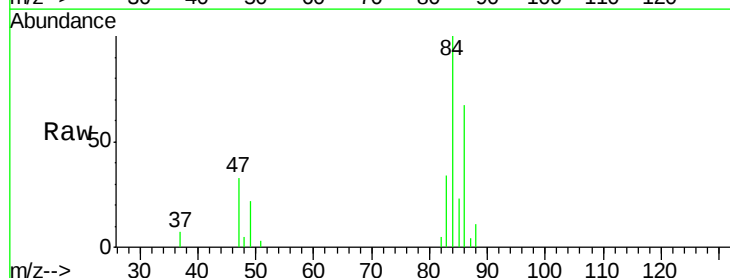
Acq: 24 Nov 2020 12:34

Tgt Ion: 83 Resp: 2370

Ion Ratio Lower Upper

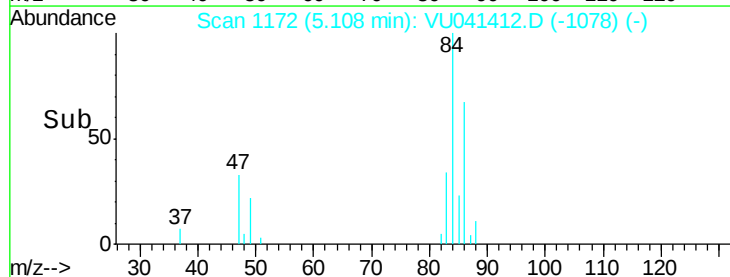
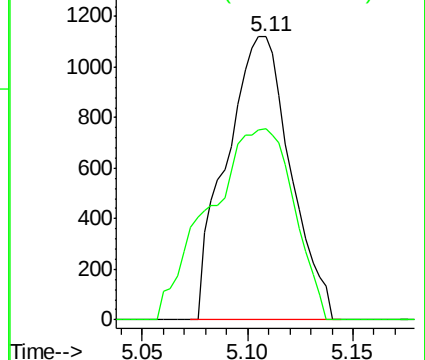
83 100

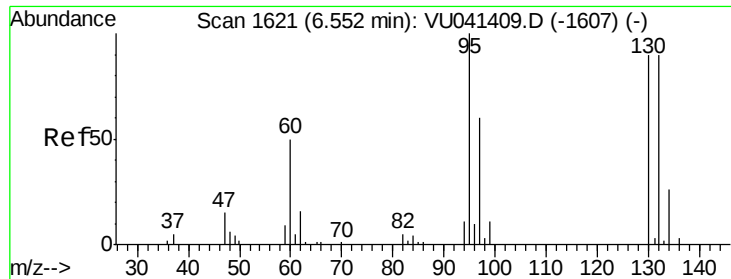
85 67.3 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

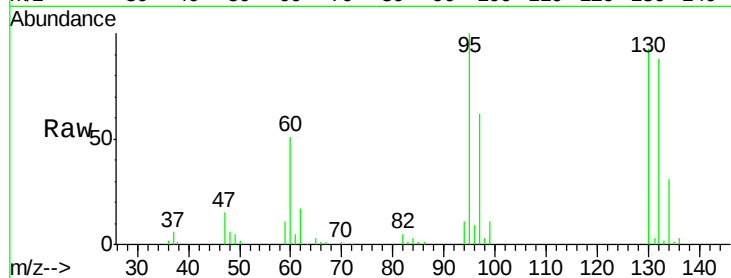




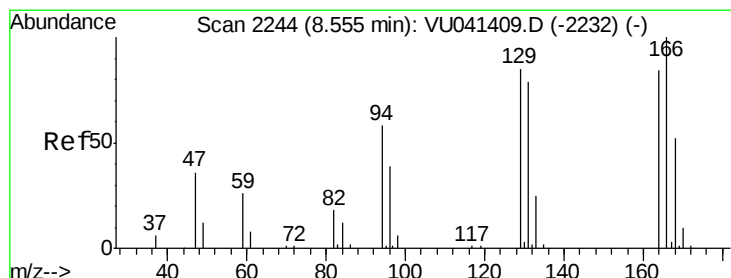
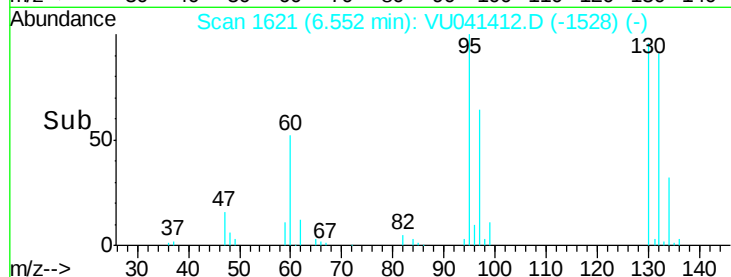
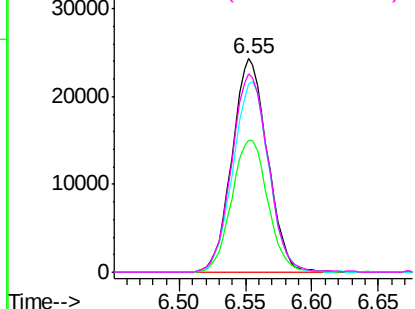
#34
 Trichloroethene
 Concen: 9.029 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041412.D
 Acq: 24 Nov 2020 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 H4405DL

Tot Ion: 95 Resp: 45108
 Ion Ratio Lower Upper
 95 100
 97 62.0 46.5 86.5
 132 87.9 60.8 113.0
 130 92.7 63.3 117.7

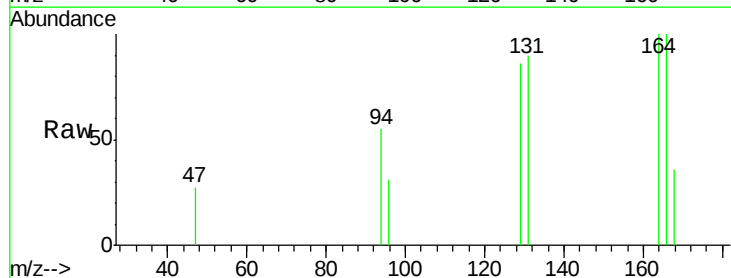


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 0.140 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041412.D
 Acq: 24 Nov 2020 12:34

Tgt Ion: 164 Resp: 522
 Ion Ratio Lower Upper
 164 100
 129 86.6 71.0 131.9
 131 90.4 69.0 128.1
 166 100.2 92.4 171.6



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

