

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041397.D
 Acq On : 23 Nov 2020 19:03
 Operator : SY/MD
 Sample : L4849-06DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4411DL

Quant Time: Nov 24 02:50:38 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	63302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67110	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22052	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.92	69	16660	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	36544	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	4.66	46	71934	63.47	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.94%
24) Chloroform-d	5.08	84	43151	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	28950	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	80569	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	28191	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.90	98	71908	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	12026	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.64	63	44509	57.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23292	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	27366	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

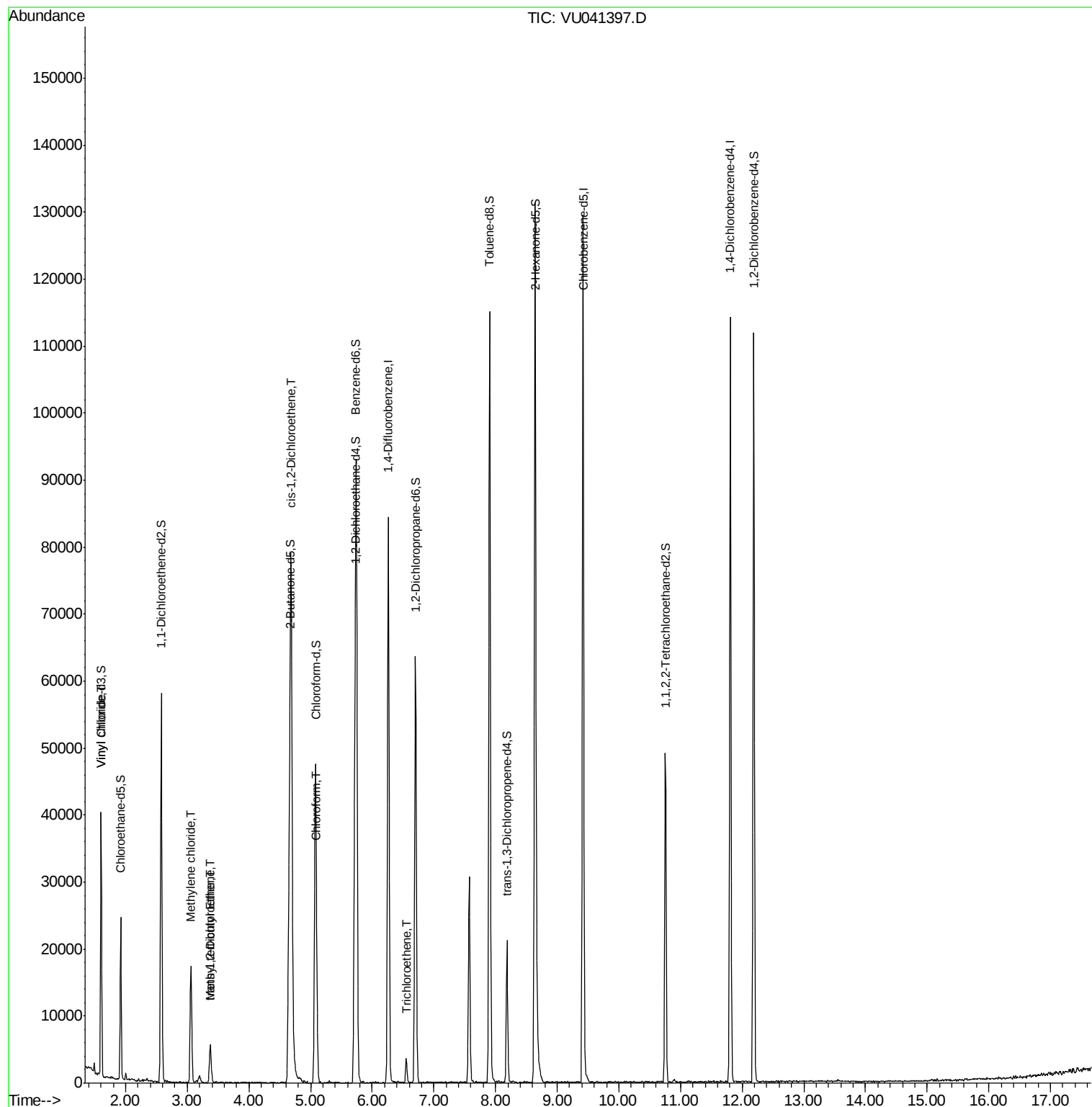
					Ovalue
5) Vinyl chloride	1.61	62	2816	0.509 ug/L	91
16) Methylene chloride	3.06	84	7953	1.428 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	2958	0.305 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	1645	0.389 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	28555	6.352 ug/L	97
25) Chloroform	5.11	83	2840	0.307 ug/L	84
34) Trichloroethene	6.56	95	1341	0.274 ug/L	96

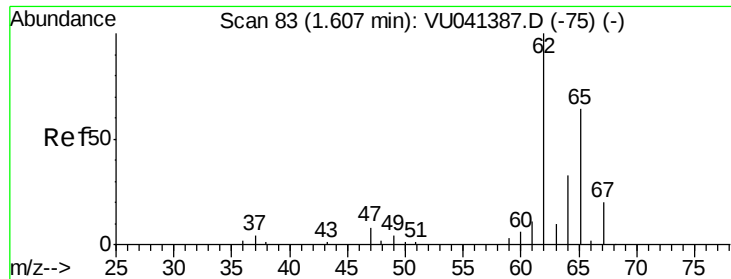
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.509 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041397.D

Acq: 23 Nov 2020 19:03

Instrument :

MSVOA_U

ClientSampleID :

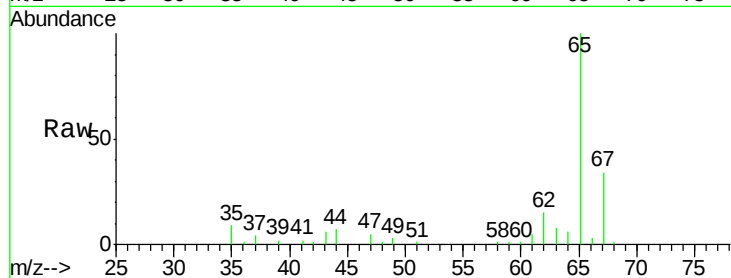
H4411DL

Tot Ion: 62 Resp: 2816

Ion Ratio Lower Upper

62 100

64 39.1 23.8 44.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

2500

2000

1500

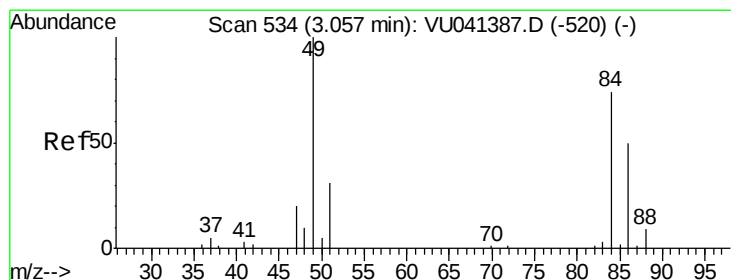
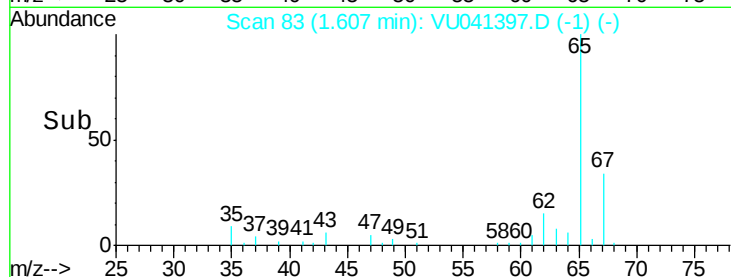
1000

500

0

1.58 1.60 1.62 1.64

Time-->



#16

Methylene chloride

Concen: 1.428 ug/L

RT: 3.06 min Scan# 534

Delta R.T. 0.00 min

Lab File: VU041397.D

Acq: 23 Nov 2020 19:03

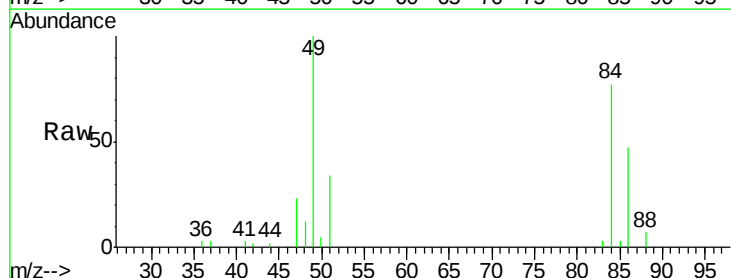
Tgt Ion: 84 Resp: 7953

Ion Ratio Lower Upper

84 100

86 60.5 44.4 82.5

49 129.3 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

3.06

6000

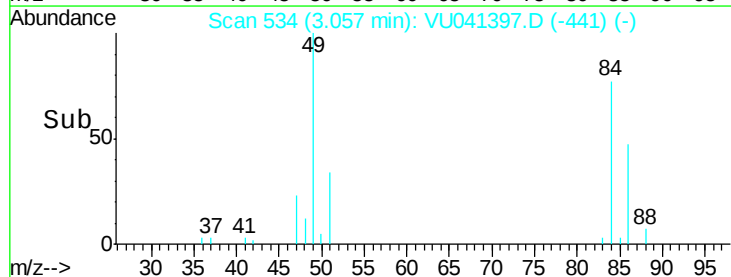
4000

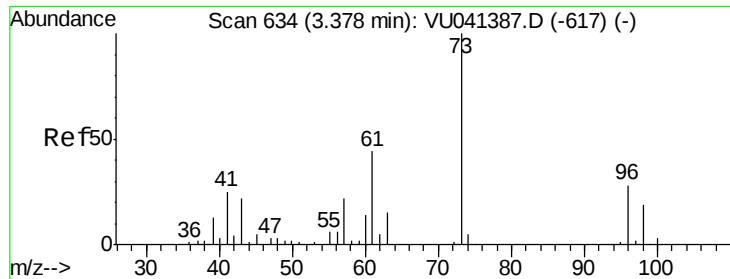
2000

0

3.00 3.05 3.10

Time-->

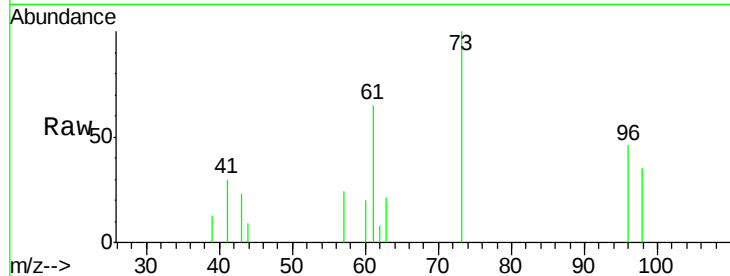




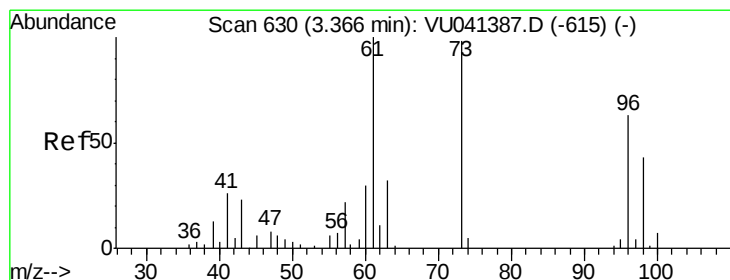
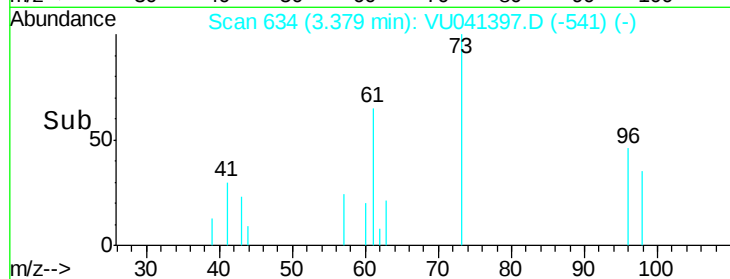
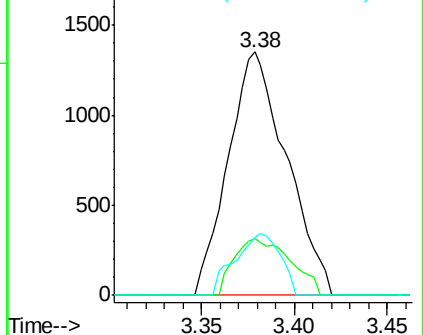
#17
Methvl tert-butvl Ether
Concen: 0.305 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041397.D
Acq: 23 Nov 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
H4411DL

Tot Ion: 73 Resp: 2958
Ion Ratio Lower Upper
73 100
43 22.6 18.3 27.5
57 19.6 17.7 26.5

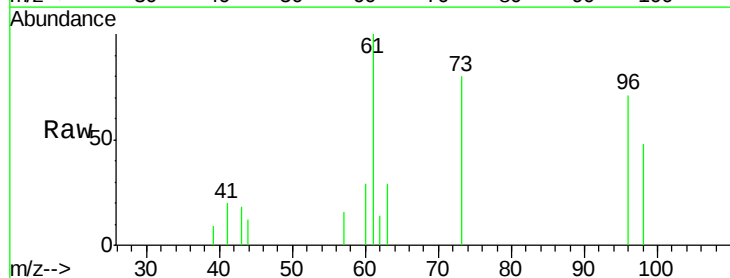


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

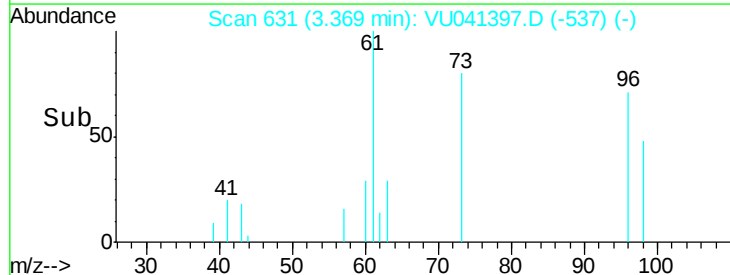
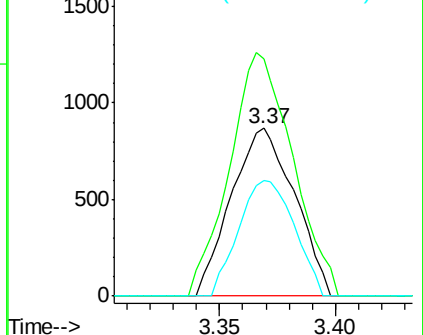


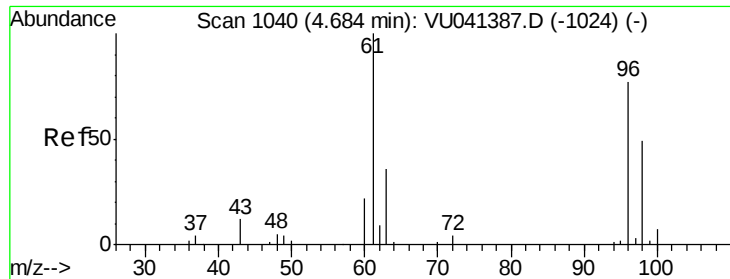
#18
trans-1,2-Dichloroethene
Concen: 0.389 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041397.D
Acq: 23 Nov 2020 19:03

Tgt Ion: 96 Resp: 1645
Ion Ratio Lower Upper
96 100
61 141.7 103.7 192.5
98 68.7 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

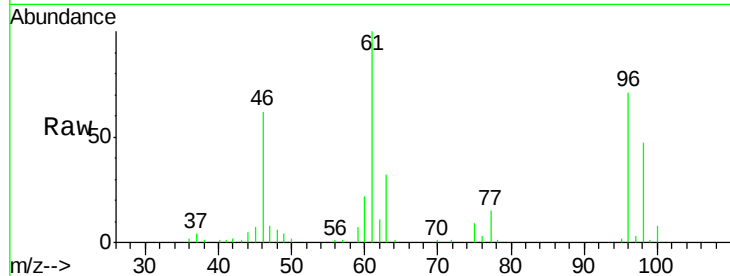




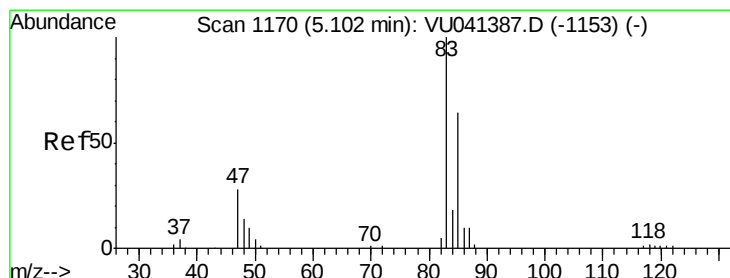
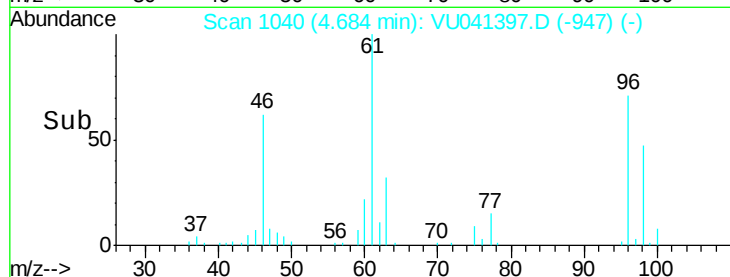
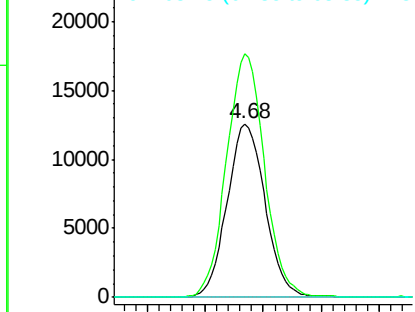
#22
 cis-1,2-Dichloroethene
 Concen: 6.352 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041397.D
 Acq: 23 Nov 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleID :
 H4411DL

Tot Ion: 96 Resp: 28555
 Ion Ratio Lower Upper
 96 100
 61 140.1 95.3 176.9
 68 0.0 0.0 0.0

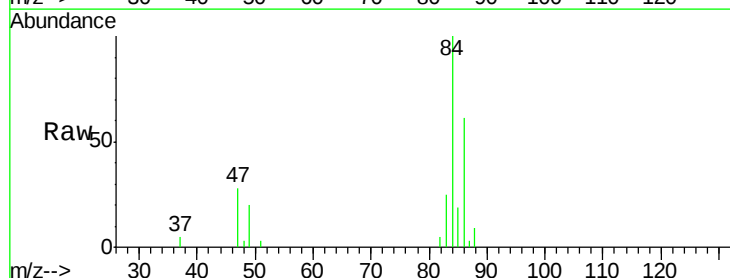


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

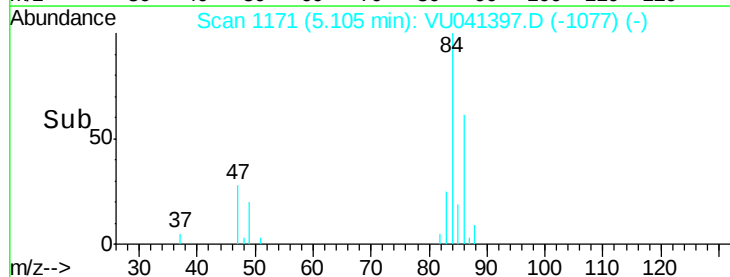
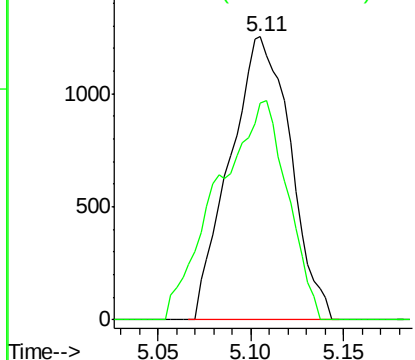


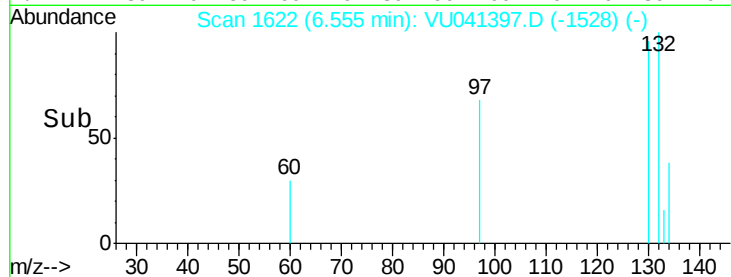
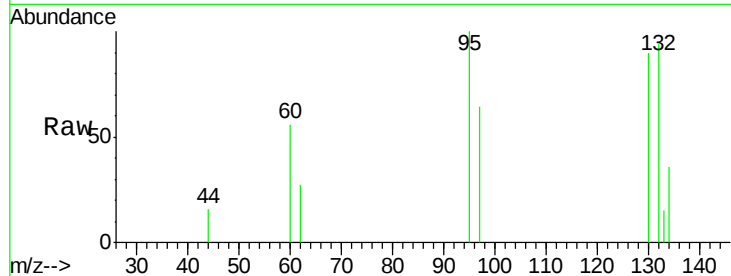
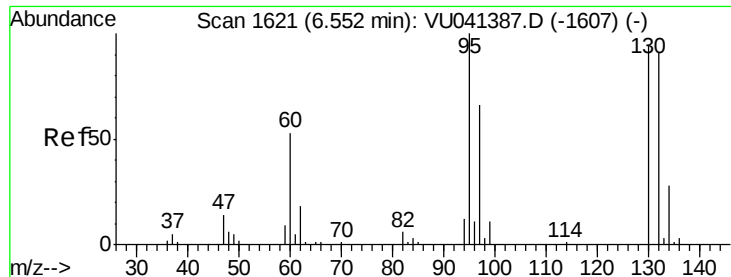
#25
 Chloroform
 Concen: 0.307 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU041397.D
 Acq: 23 Nov 2020 19:03

Tgt Ion: 83 Resp: 2840
 Ion Ratio Lower Upper
 83 100
 85 76.4 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: 0.274 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041397.D

Acq: 23 Nov 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

H4411DL

Tot Ion: 95 Resp: 1341

Ion Ratio Lower Upper

95 100

97 63.6 46.5 86.5

132 93.8 60.8 113.0

130 89.8 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

