

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041267.D
 Acq On : 16 Nov 2020 23:04
 Operator : SY/MD
 Sample : L4759-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4416

Quant Time: Nov 17 10:29:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71259	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27461	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26230	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.93	69	23374	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.58	63	38425	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	122210	56.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.10%
24) Chloroform-d	5.08	84	56646	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	36218	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	100800	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.70	67	35613	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.91	98	81655	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	14083	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	82879	54.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29431	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27783	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

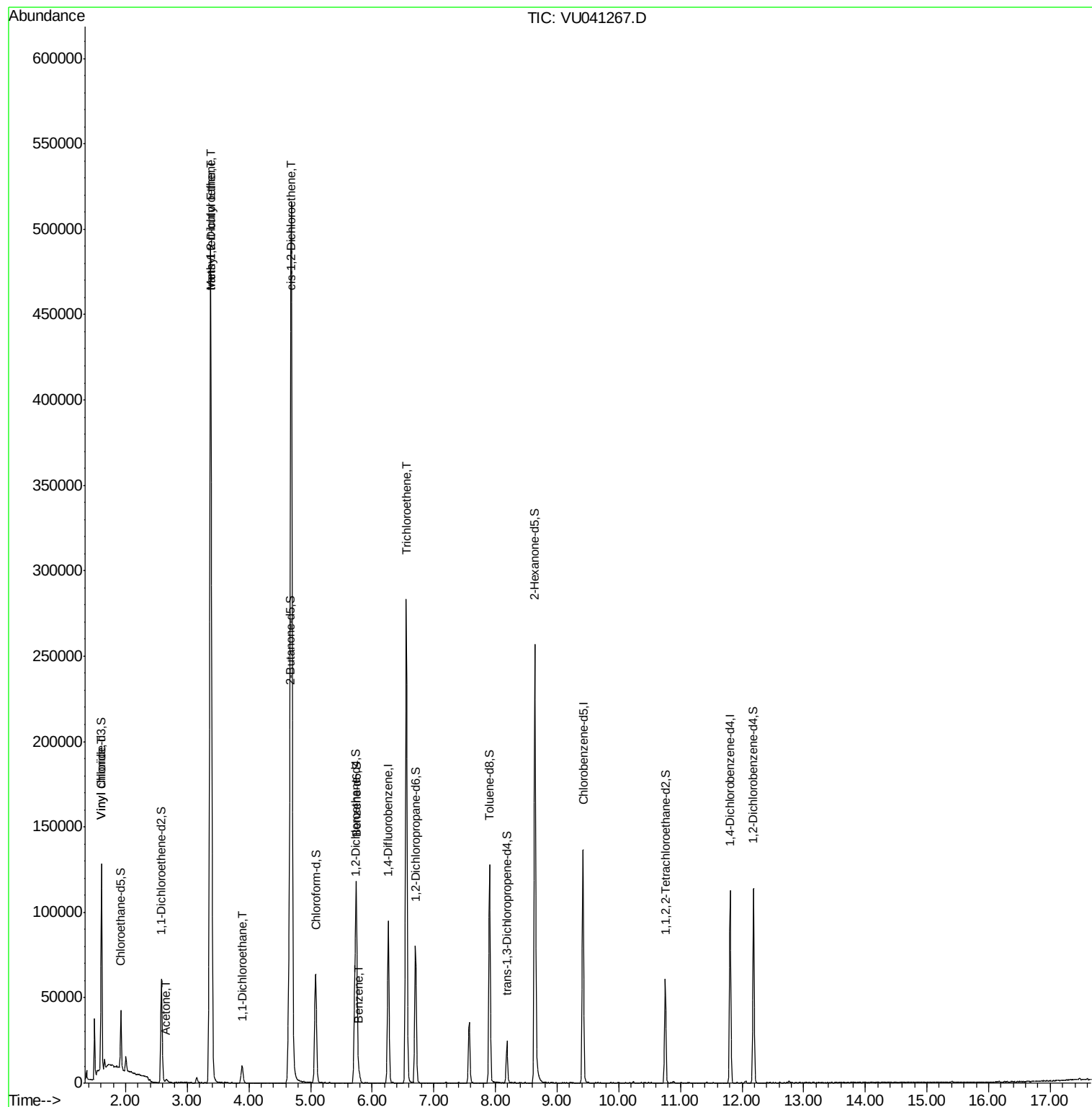
					Ovalue
5) Vinyl chloride	1.61	62	32236	5.211 ug/L	# 79
13) Acetone	2.66	43	3473	2.422 ug/L	87
17) Methyl tert-butyl Ether	3.38	73	444892	35.033 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	29280	6.481 ug/L	98
19) 1,1-Dichloroethane	3.89	63	12164	1.204 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	240394	47.116 ug/L	98
33) Benzene	5.79	78	5873	0.305 ug/L	100
34) Trichloroethene	6.56	95	94991	18.276 ug/L	99

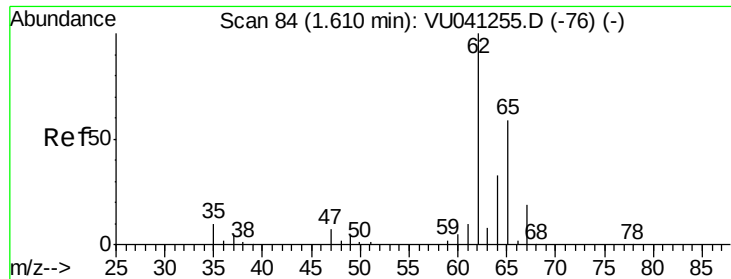
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.211 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041267.D

Acq: 16 Nov 2020 23:04

Instrument :

MSVOA_U

ClientSampled :

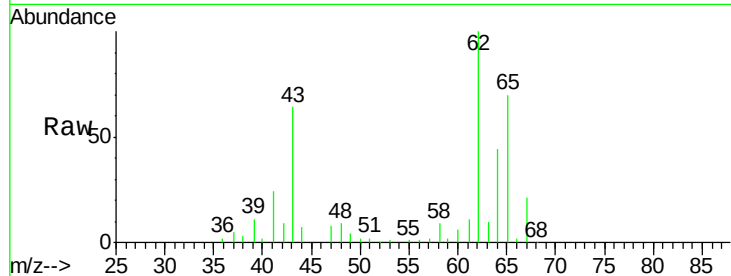
H4416

Tot Ion: 62 Resp: 32236

Ion Ratio Lower Upper

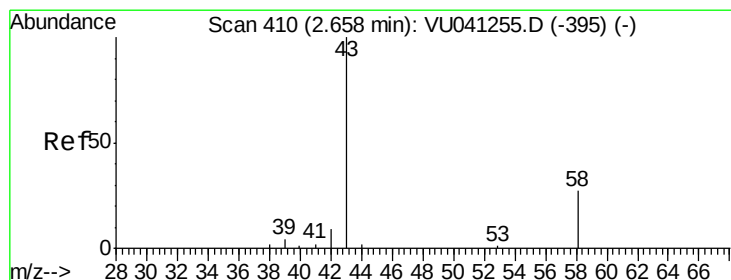
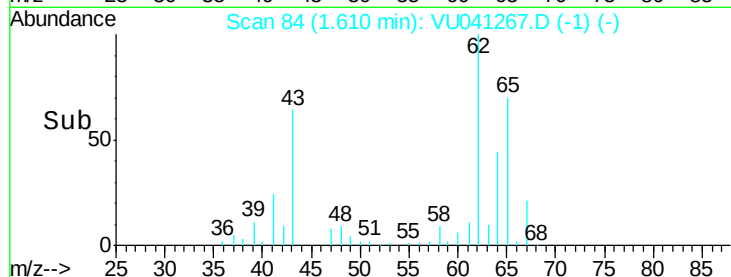
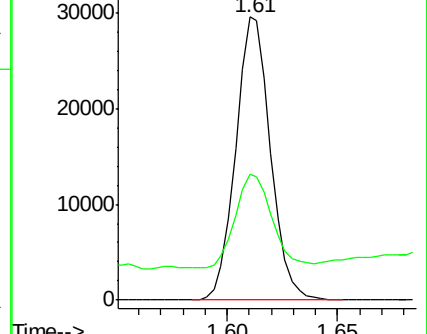
62 100

64 44.3 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 2.422 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041267.D

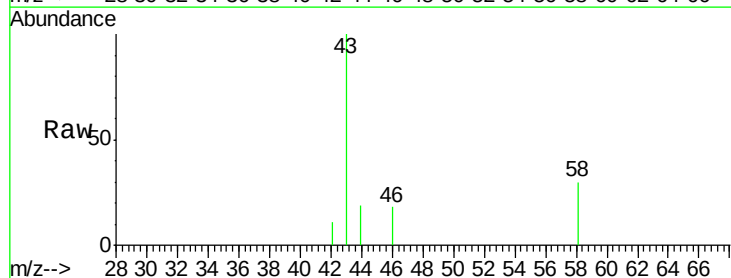
Acq: 16 Nov 2020 23:04

Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

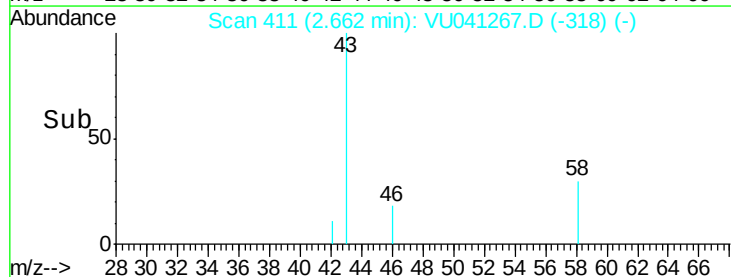
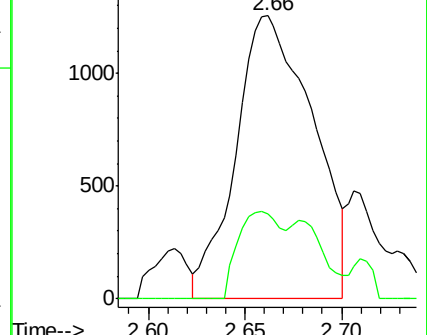
43 100

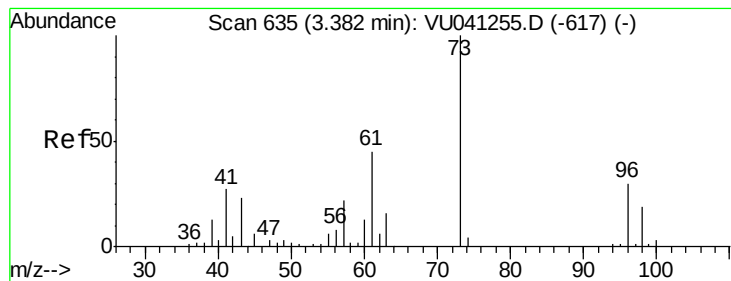
58 17.7 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



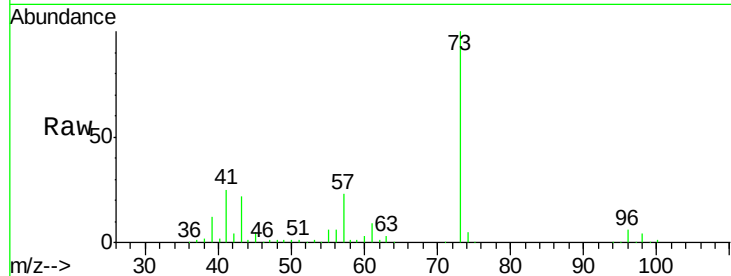


#17

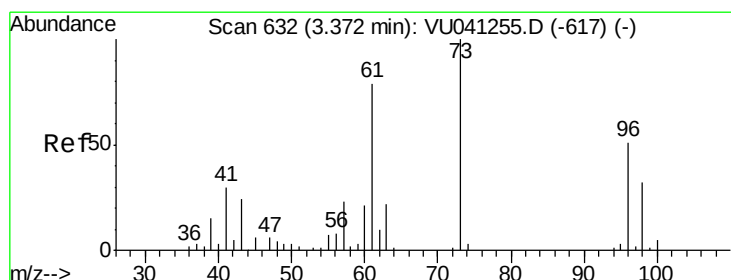
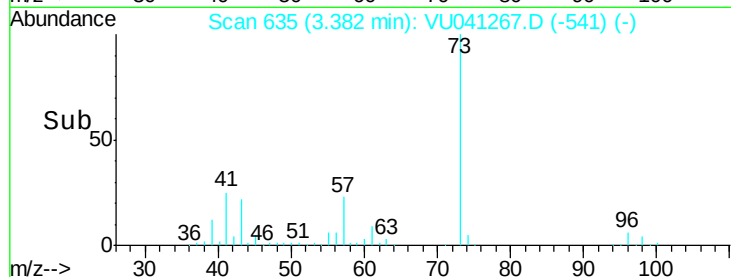
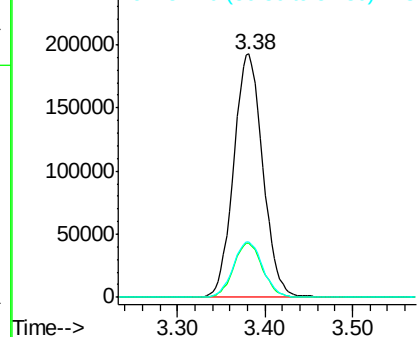
Methyl tert-butyl Ether
 Concen: 35.033 ug/L
 RT: 3.38 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VU041267.D
 Acq: 16 Nov 2020 23:04

Instrument :
 MSVOA_U
 ClientSampled :
 H4416

Tot Ion: 73 Resp: 444892
 Ion Ratio Lower Upper
 73 100
 43 22.2 18.5 27.7
 57 23.2 18.4 27.6



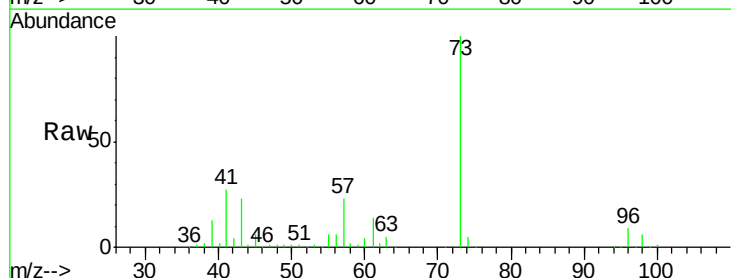
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



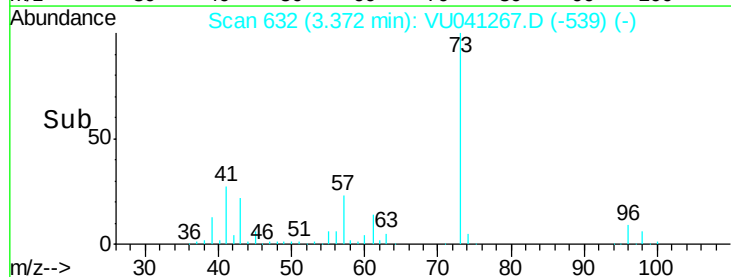
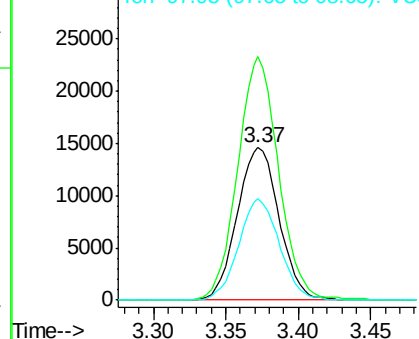
#18

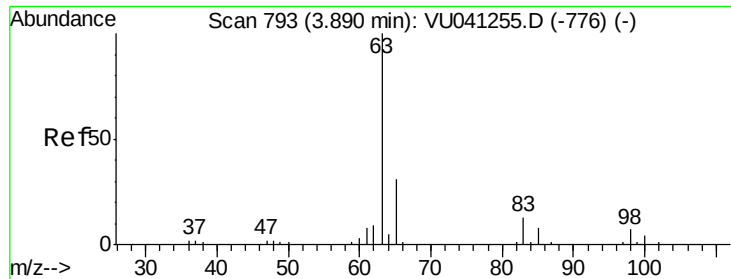
trans-1,2-Dichloroethene
 Concen: 6.481 ug/L
 RT: 3.37 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VU041267.D
 Acq: 16 Nov 2020 23:04

Tgt Ion: 96 Resp: 29280
 Ion Ratio Lower Upper
 96 100
 61 160.0 110.9 205.9
 98 66.6 45.4 84.2



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

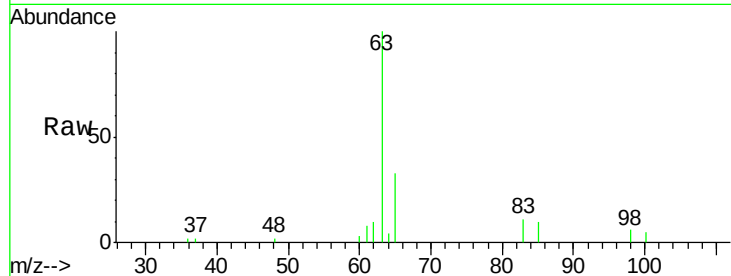




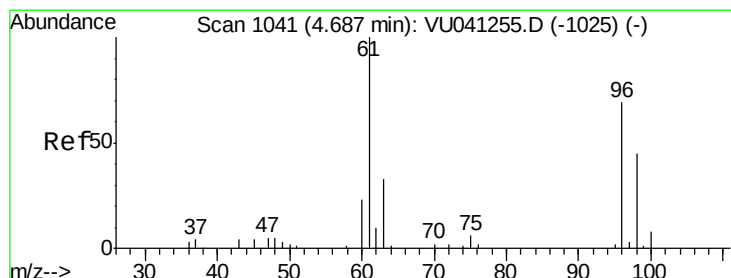
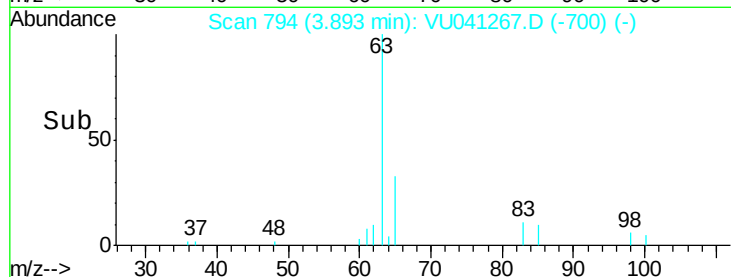
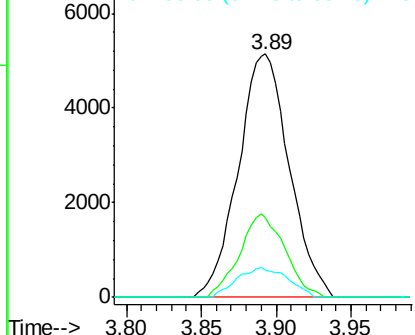
#19
 1,1-Dichloroethane
 Concen: 1.204 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VU041267.D
 Acq: 16 Nov 2020 23:04

Instrument :
 MSVOA_U
 ClientSampleId :
 H4416

Tot Ion: 63 Resp: 12164
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.3 39.6
 83 11.4 8.8 16.3

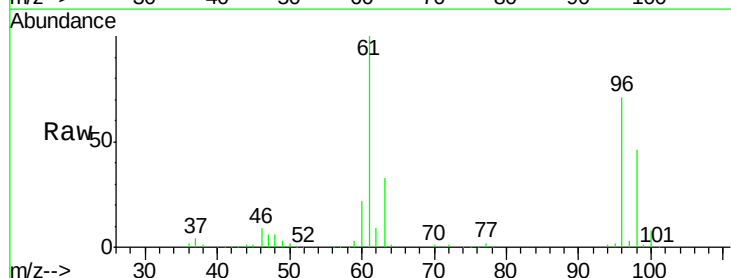


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

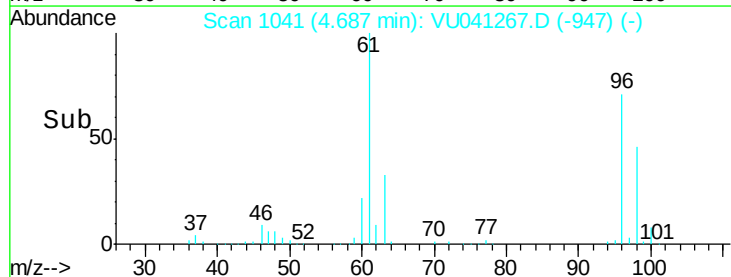
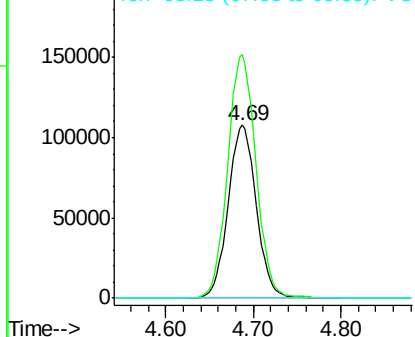


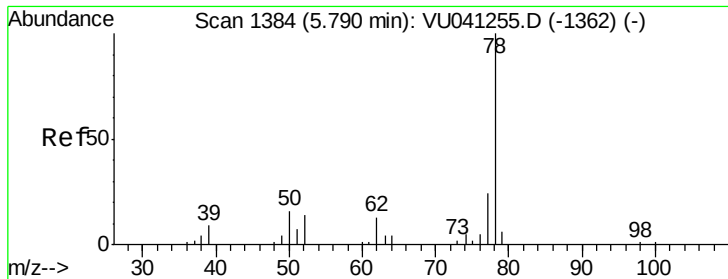
#22
 cis-1,2-Dichloroethene
 Concen: 47.116 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041267.D
 Acq: 16 Nov 2020 23:04

Tgt Ion: 96 Resp: 240394
 Ion Ratio Lower Upper
 96 100
 61 140.7 97.2 180.4
 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





#33

Benzene

Concen: 0.305 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041267.D

Acq: 16 Nov 2020 23:04

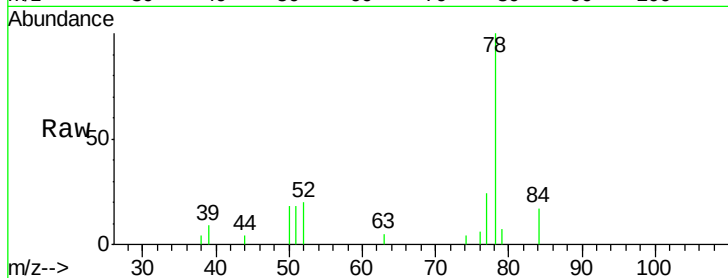
Instrument :

MSVOA_U

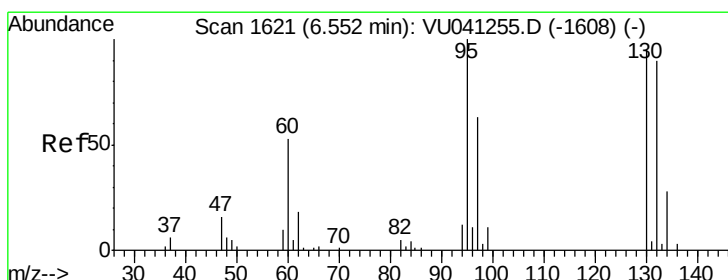
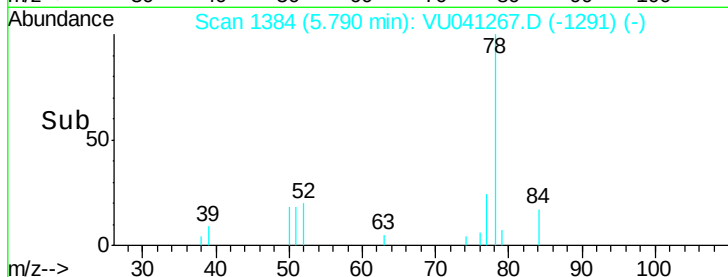
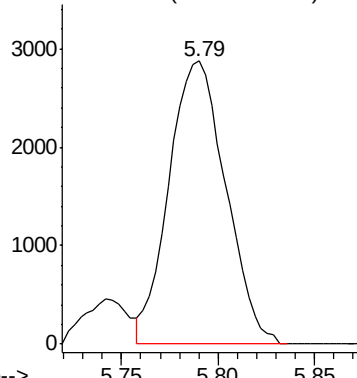
ClientSampled :

H4416

Tgt Ion: 78 Resp: 5873



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 18.276 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041267.D

Acq: 16 Nov 2020 23:04

Tgt Ion: 95 Resp: 94991

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.6	84.6
132	91.0	64.8	120.4
130	91.6	64.8	120.4

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

