

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111720\
 Data File : VU041300.D
 Acq On : 18 Nov 2020 01:01
 Operator : SY/MD
 Sample : L4759-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4425DL

Quant Time: Nov 18 06:16:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65643	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23553	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.92	69	21339	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	39351	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.66	46	95504	47.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	5.08	84	52064	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	33225	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	91497	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	31767	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	76873	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	12332	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	70095	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27576	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25347	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

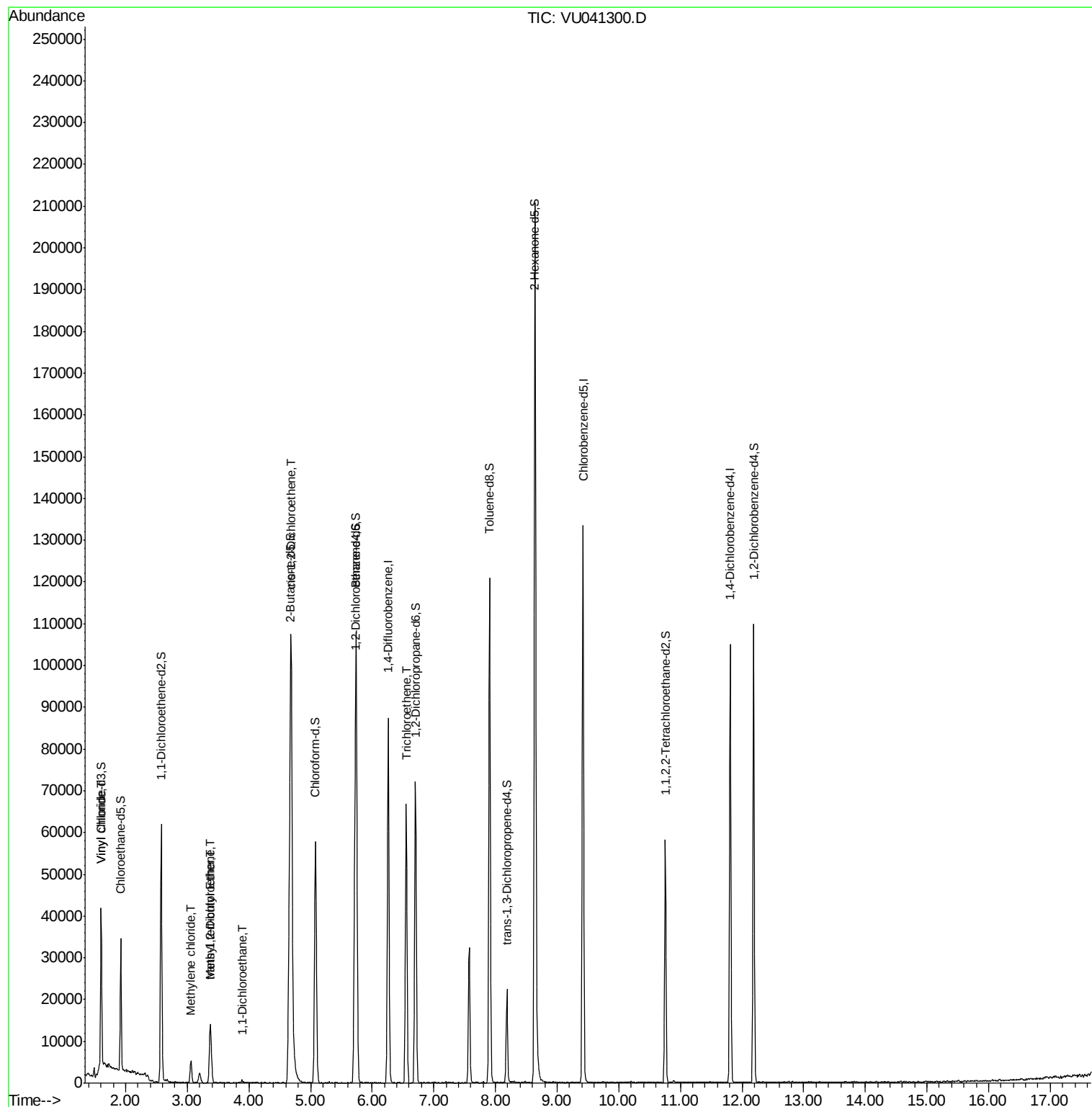
					Ovalue
5) Vinyl chloride	1.61	62	2139	0.375 ug/L #	1
16) Methylene chloride	3.06	84	2410	0.450 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	9370	0.801 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2716	0.653 ug/L	97
19) 1,1-Dichloroethane	3.89	63	929	0.100 ug/L #	80
22) cis-1,2-Dichloroethene	4.68	96	39401	8.383 ug/L	97
34) Trichloroethene	6.55	95	22657	4.489 ug/L	97

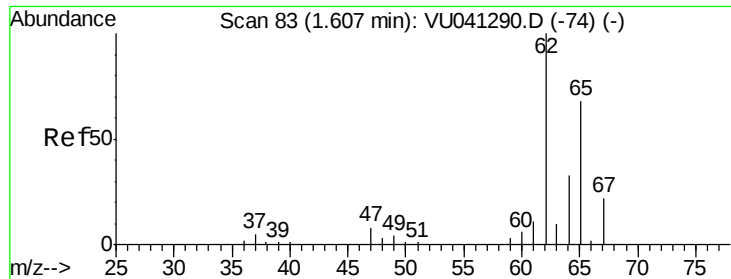
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.375 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041300.D

Acq: 18 Nov 2020 01:01

Instrument :

MSVOA_U

ClientSampleID :

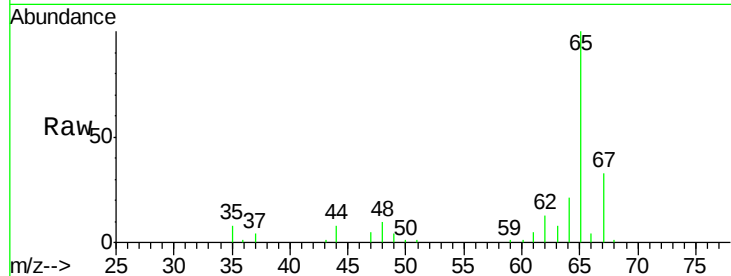
H4425DL

Tot Ion: 62 Resp: 2139

Ion Ratio Lower Upper

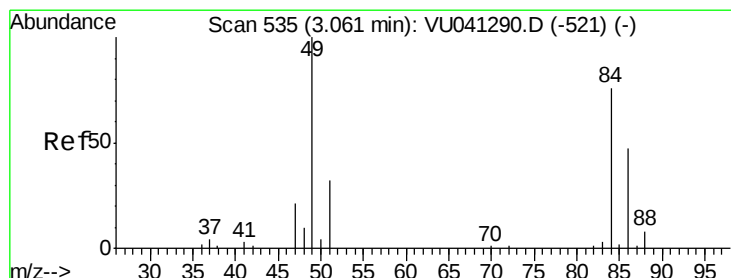
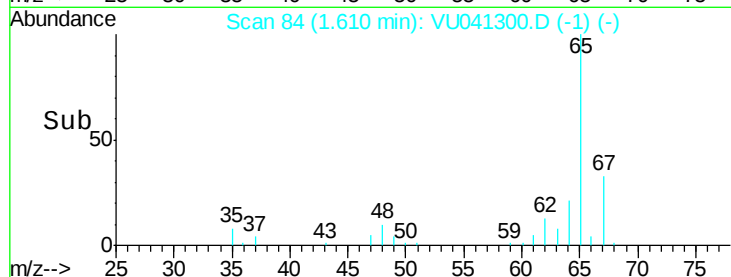
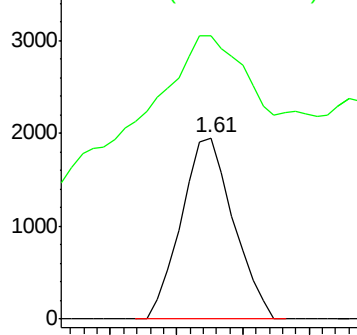
62 100

64 155.8 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.450 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041300.D

Acq: 18 Nov 2020 01:01

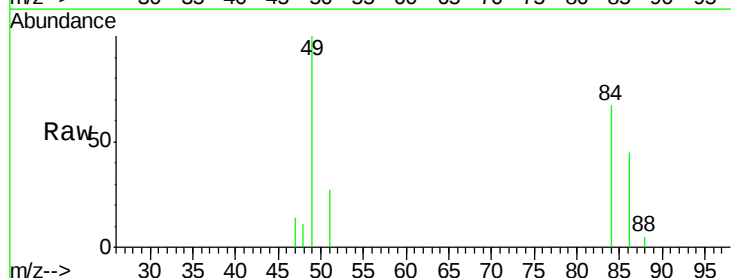
Tgt Ion: 84 Resp: 2410

Ion Ratio Lower Upper

84 100

86 66.9 42.8 79.6

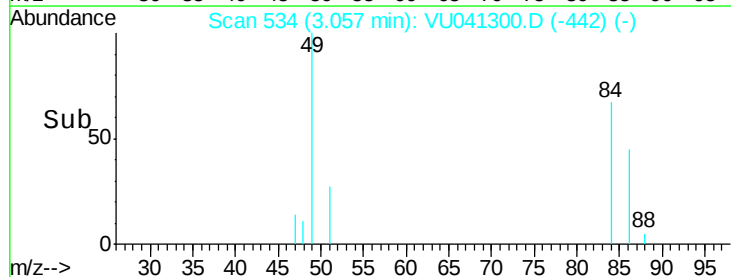
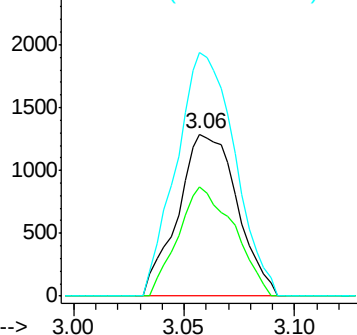
49 150.0 99.5 184.7

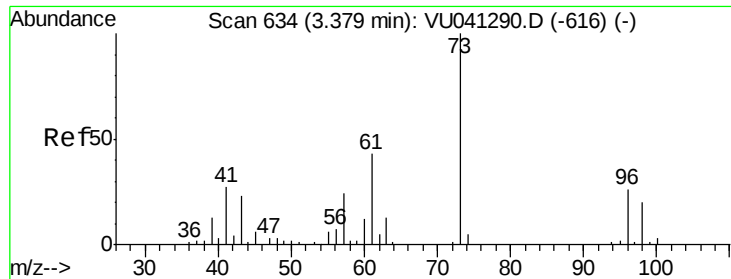


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

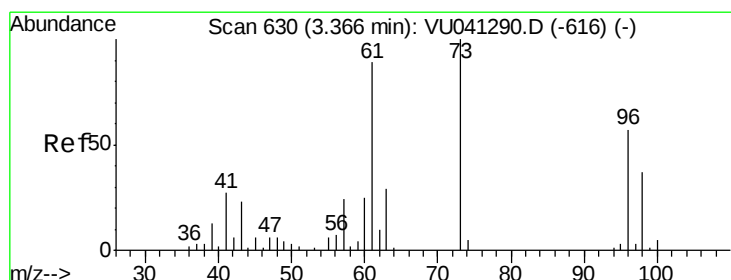
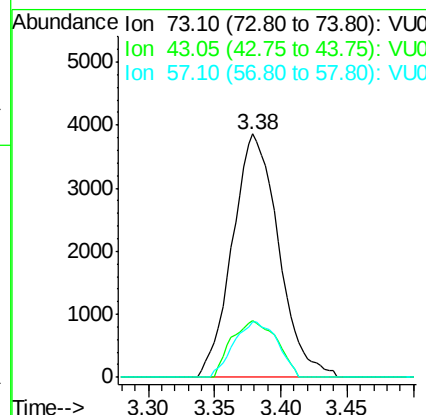
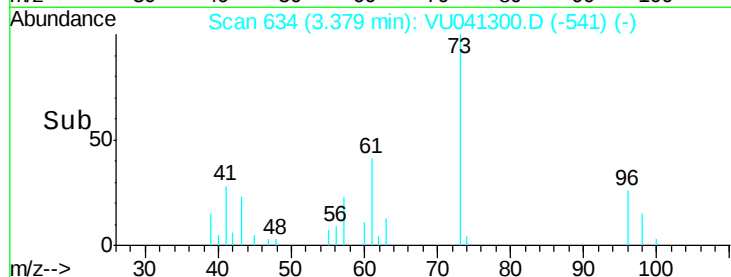
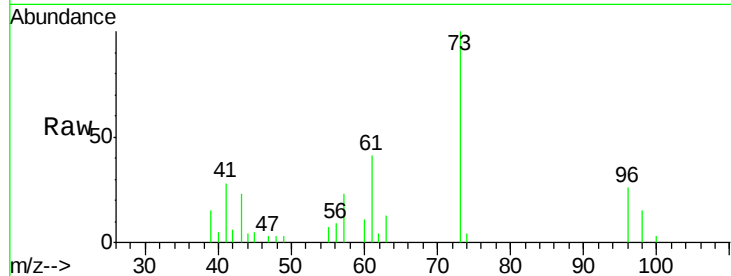




#17
Methvl tert-butvl Ether
Concen: 0.801 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041300.D
Acq: 18 Nov 2020 01:01

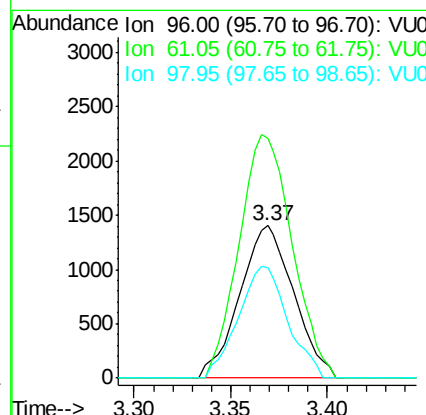
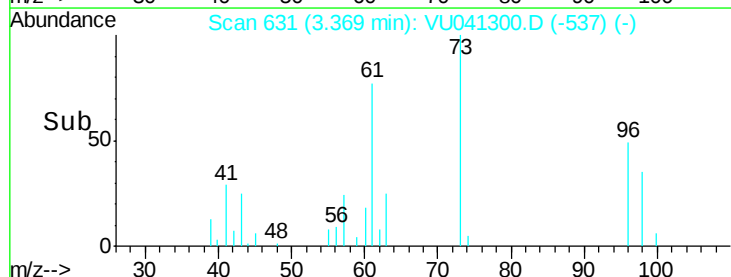
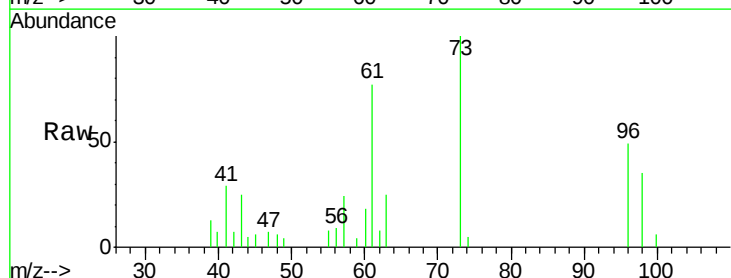
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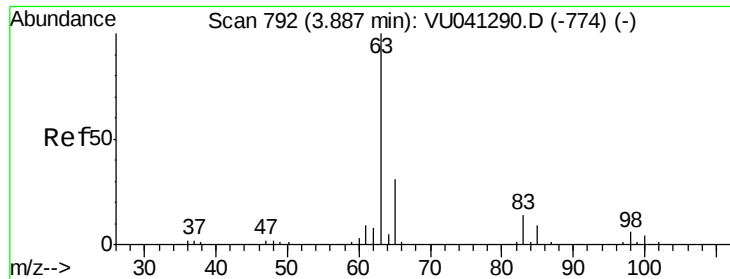
Tot Ion: 73 Resp: 9370
Ion Ratio Lower Upper
73 100
43 22.8 18.5 27.7
57 21.6 18.4 27.6



#18
trans-1,2-Dichloroethene
Concen: 0.653 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041300.D
Acq: 18 Nov 2020 01:01

Tgt Ion: 96 Resp: 2716
Ion Ratio Lower Upper
96 100
61 157.6 110.9 205.9
98 72.4 45.4 84.2

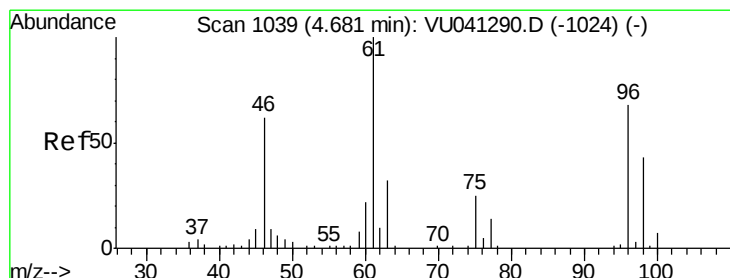
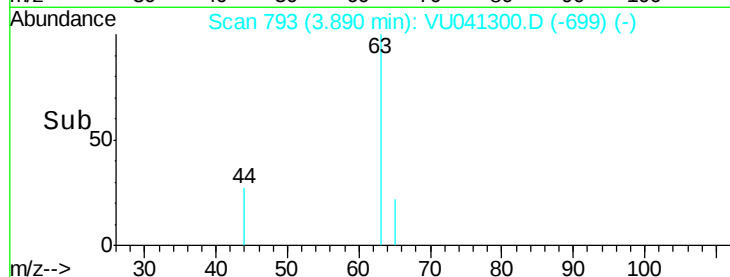
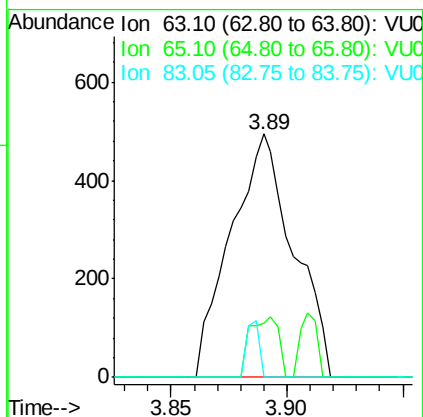
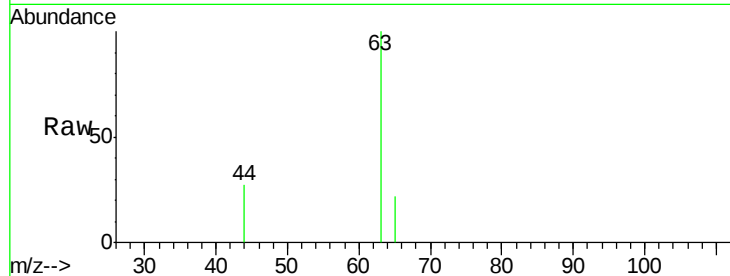




#19
 1,1-Dichloroethane
 Concen: 0.100 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU041300.D
 Acq: 18 Nov 2020 01:01

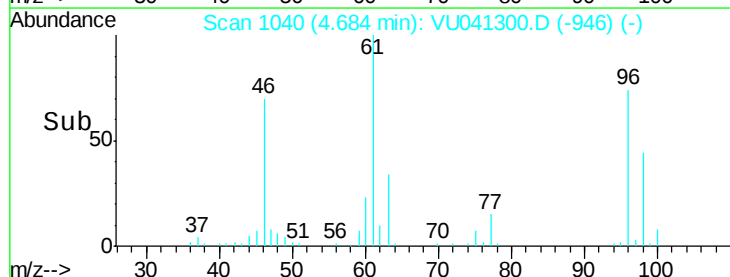
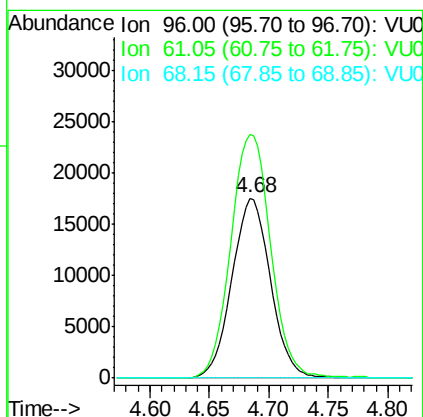
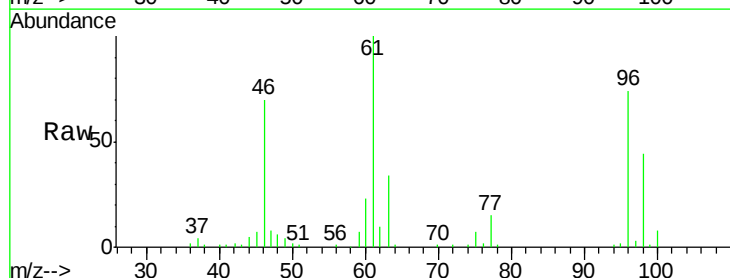
Instrument :
 MSVOA_U
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 H4425DL

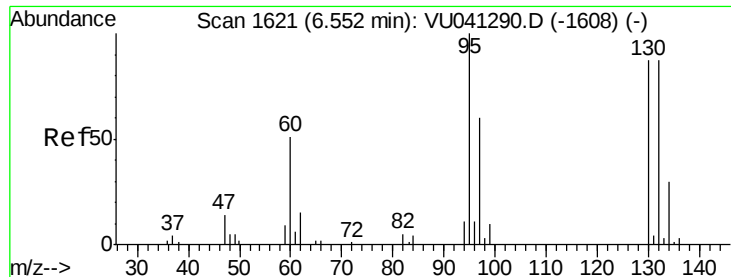
Tot Ion: 63 Resp: 929
 Ion Ratio Lower Upper
 63 100
 65 22.4 21.3 39.6
 83 0.0 8.8 16.3#



#22
 cis-1,2-Dichloroethene
 Concen: 8.383 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041300.D
 Acq: 18 Nov 2020 01:01

Tgt Ion: 96 Resp: 39401
 Ion Ratio Lower Upper
 96 100
 61 135.1 97.2 180.4
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 4.489 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041300.D

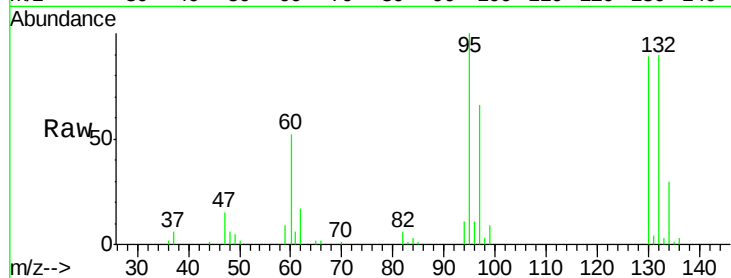
Acq: 18 Nov 2020 01:01

Instrument :

MSVOA_U

ClientSampleId :

H4425DL



Tot Ion: 95 Resp: 22657

Ion Ratio Lower Upper

95 100

97 66.2 45.6 84.6

132 90.4 64.8 120.4

130 89.0 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

