

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111720\
 Data File : VU041299.D
 Acq On : 18 Nov 2020 00:37
 Operator : SY/MD
 Sample : L4759-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4416DL

Quant Time: Nov 18 01:03:02 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	66954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23562	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.92	69	20764	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	36043	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	97005	47.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.54%
24) Chloroform-d	5.08	84	52492	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	32889	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	92378	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	32026	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.91	98	73835	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	12467	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	68274	47.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27498	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27589	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

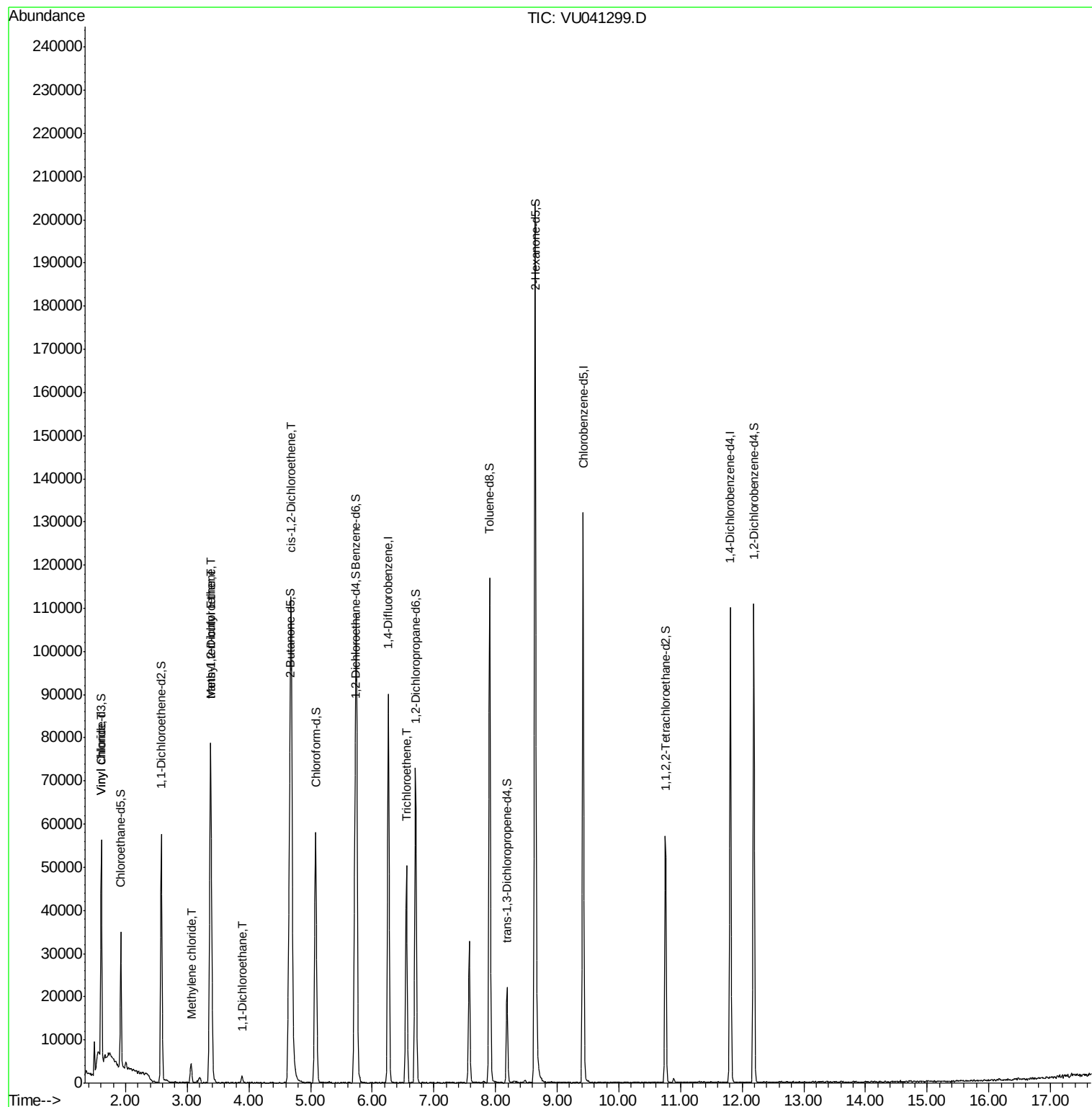
					Ovalue
5) Vinyl chloride	1.61	62	5898	1.015 ug/L	# 1
16) Methylene chloride	3.07	84	2053	0.376 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	71392	5.983 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	5149	1.213 ug/L	89
19) 1,1-Dichloroethane	3.89	63	2130	0.224 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	42460	8.857 ug/L	98
34) Trichloroethene	6.55	95	17362	3.548 ug/L	94

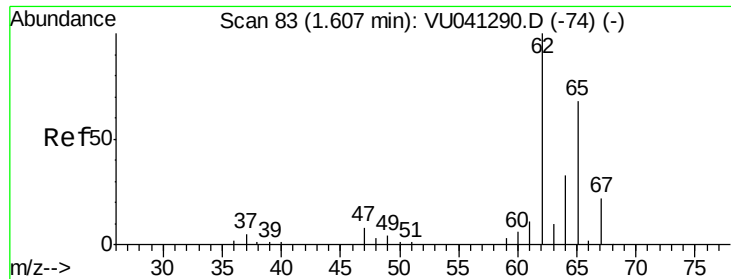
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.015 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041299.D

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Instrument :

MSVOA_U

ClientSampleId :

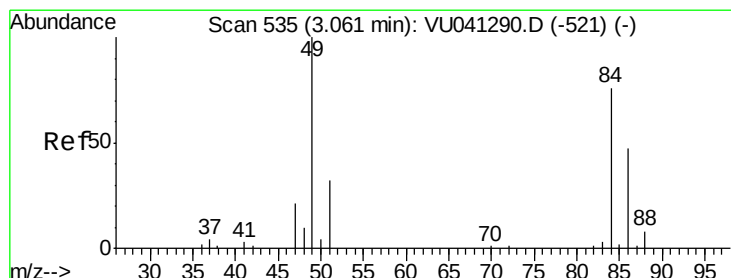
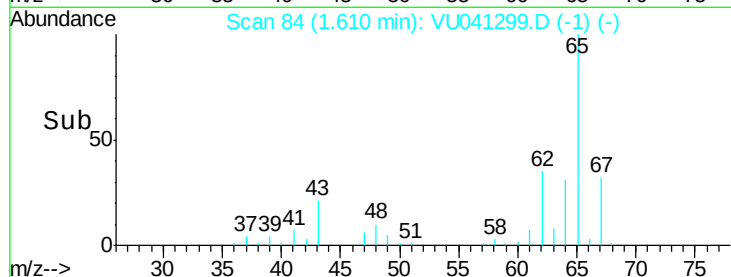
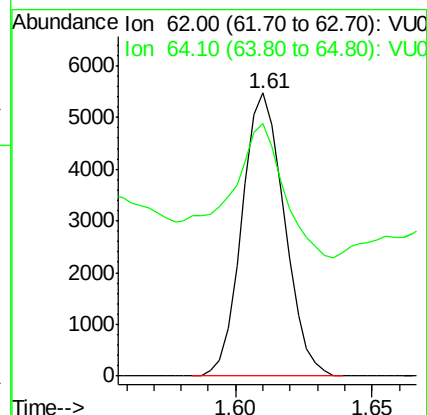
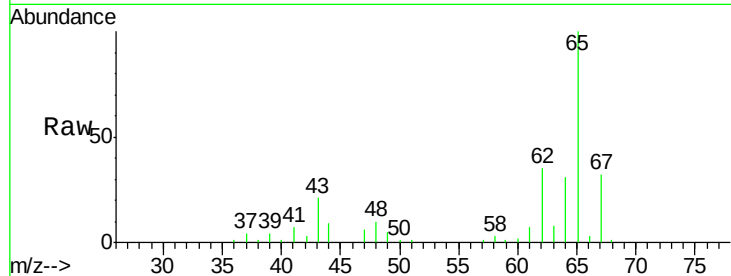
H4416DL

Tot Ion: 62 Resp: 5898

Ion Ratio Lower Upper

62 100

64 89.3 22.7 42.3#



#16

Methylene chloride

Concen: 0.376 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU041299.D

Acq: 18 Nov 2020 00:37

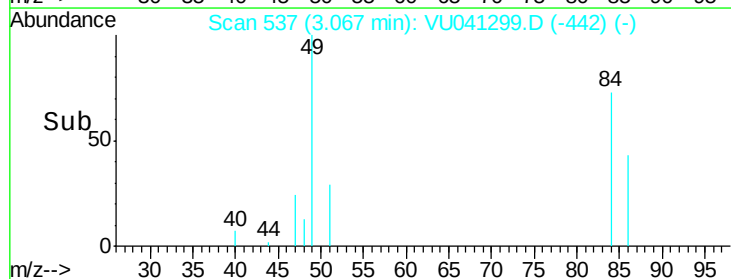
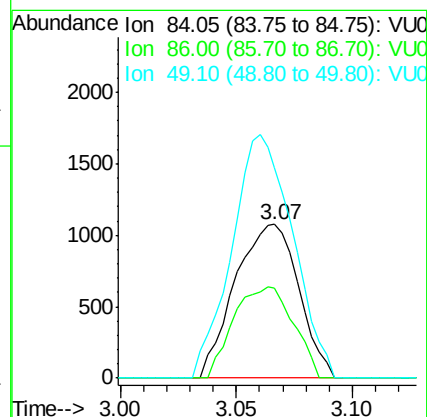
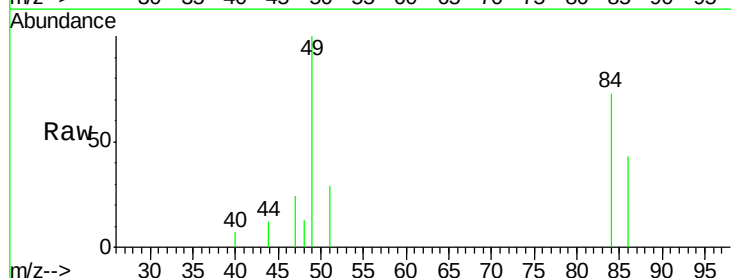
Tgt Ion: 84 Resp: 2053

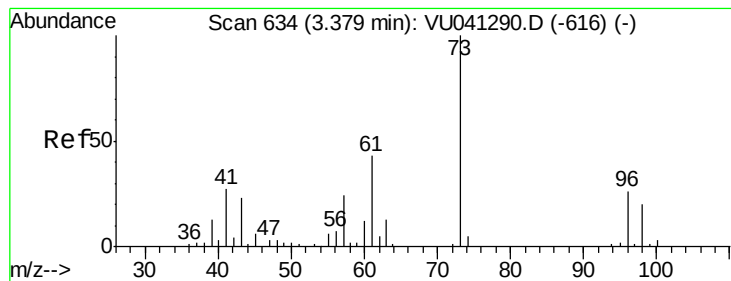
Ion Ratio Lower Upper

84 100

86 58.3 42.8 79.6

49 136.6 99.5 184.7

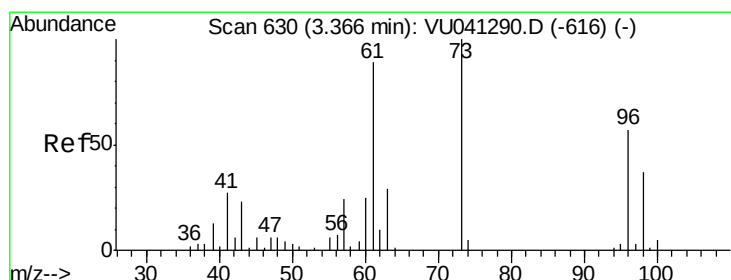
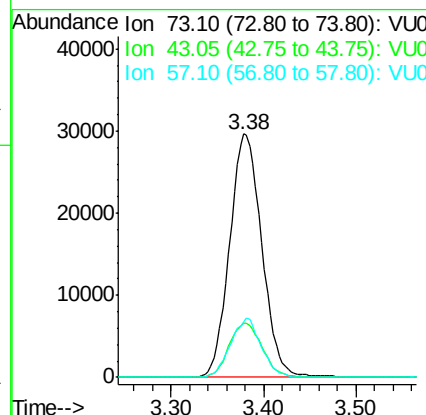
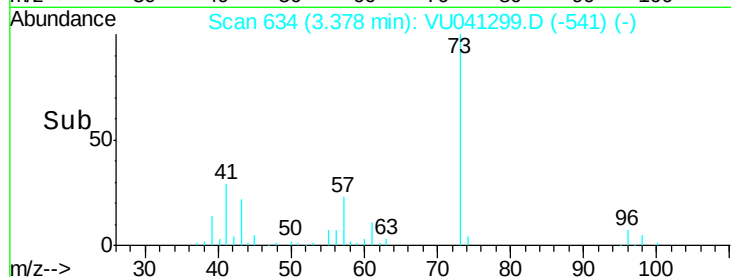
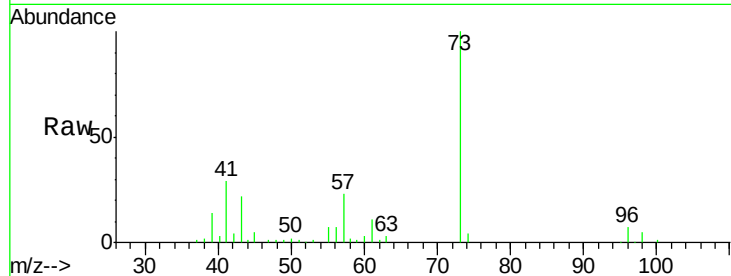




#17
Methyl tert-butyl Ether
Concen: 5.983 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041299.D
Acq: 18 Nov 2020 00:37

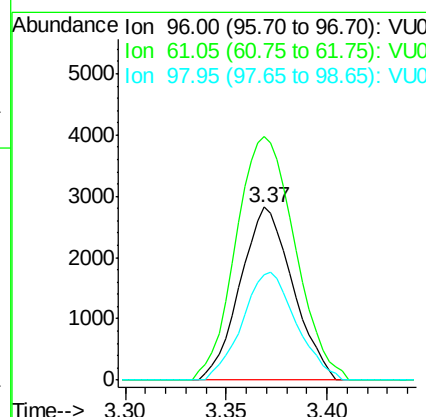
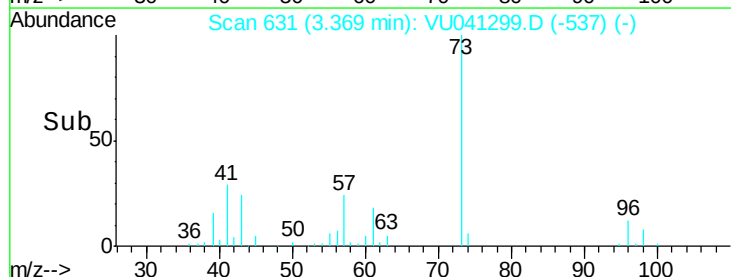
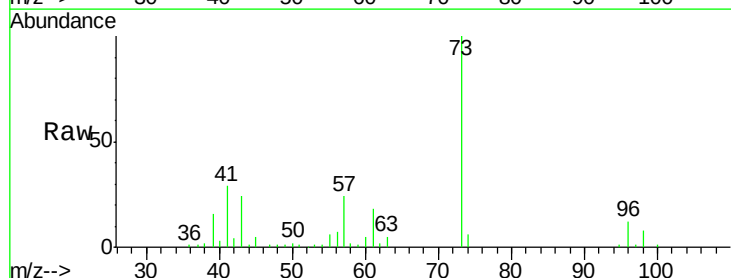
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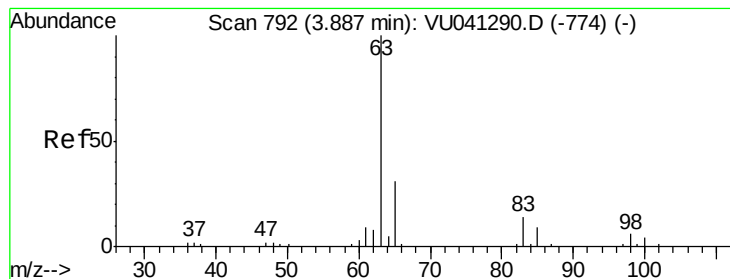
Tot Ion: 73 Resp: 71392
Ion Ratio Lower Upper
73 100
43 22.9 18.5 27.7
57 23.1 18.4 27.6



#18
trans-1,2-Dichloroethene
Concen: 1.213 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041299.D
Acq: 18 Nov 2020 00:37

Tgt Ion: 96 Resp: 5149
Ion Ratio Lower Upper
96 100
61 140.8 110.9 205.9
98 61.1 45.4 84.2





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU041299.D

Acq: 18 Nov 2020 00:37

Instrument :

MSVOA_U

ClientSampleId :

H4416DL

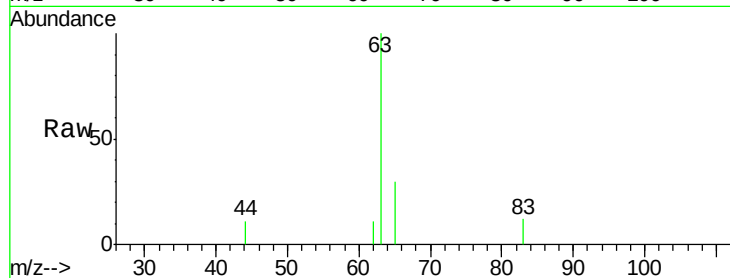
Tot Ion: 63 Resp: 2130

Ion Ratio Lower Upper

63 100

65 29.6 21.3 39.6

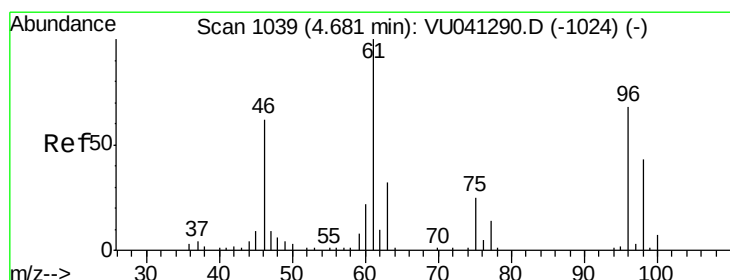
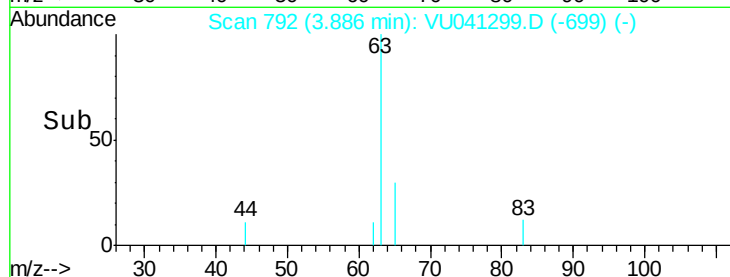
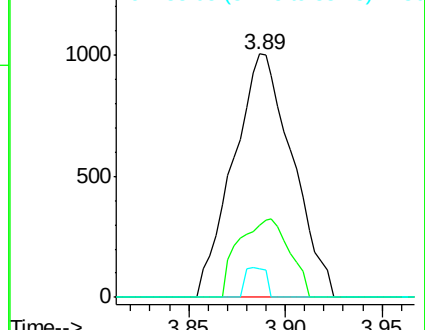
83 11.8 8.8 16.3



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: 8.857 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041299.D

Acq: 18 Nov 2020 00:37

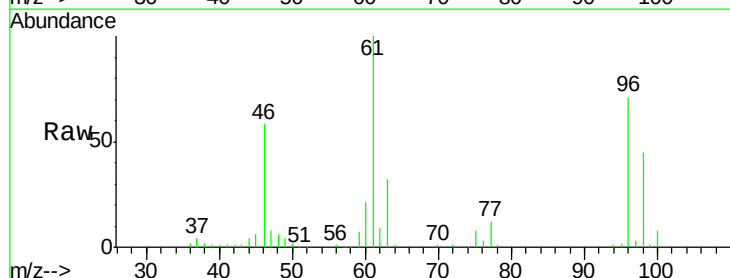
Tgt Ion: 96 Resp: 42460

Ion Ratio Lower Upper

96 100

61 140.9 97.2 180.4

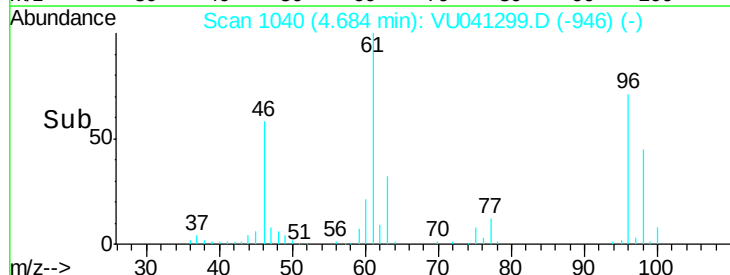
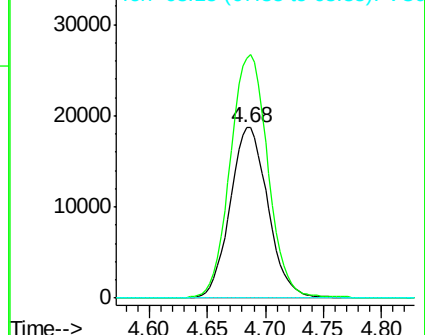
68 0.0 0.0 0.0

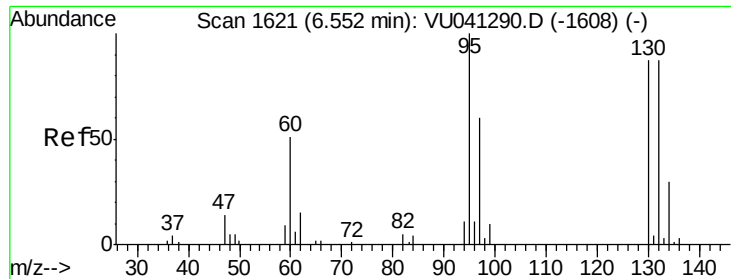


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 3.548 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041299.D

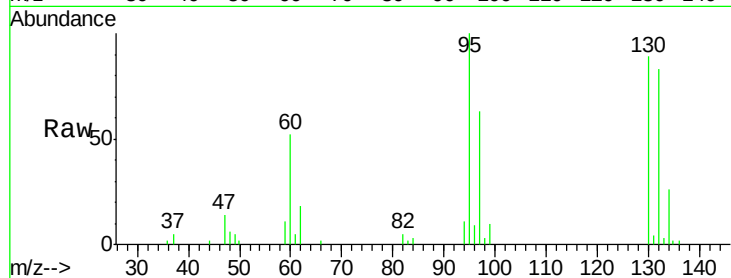
Acq: 18 Nov 2020 00:37

Instrument :

MSVOA_U

ClientSampleId :

H4416DL



Tot Ion: 95 Resp: 17362

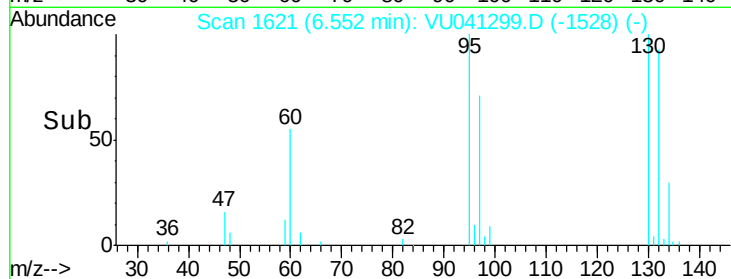
Ion Ratio Lower Upper

95 100

97 63.2 45.6 84.6

132 83.2 64.8 120.4

130 89.2 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

