

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041164.D
 Acq On : 10 Nov 2020 01:02
 Operator : SY/MD
 Sample : L4673-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T4

Quant Time: Nov 10 05:59:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 04:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15334	3.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.00%
7) Chloroethane-d5	1.92	69	14879	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.58	63	26426	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.67	46	88175	55.92	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.84%
24) Chloroform-d	5.08	84	41584	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	26929	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	72560	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	24992	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	58585	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	9463	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	69841	59.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24582	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26713	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

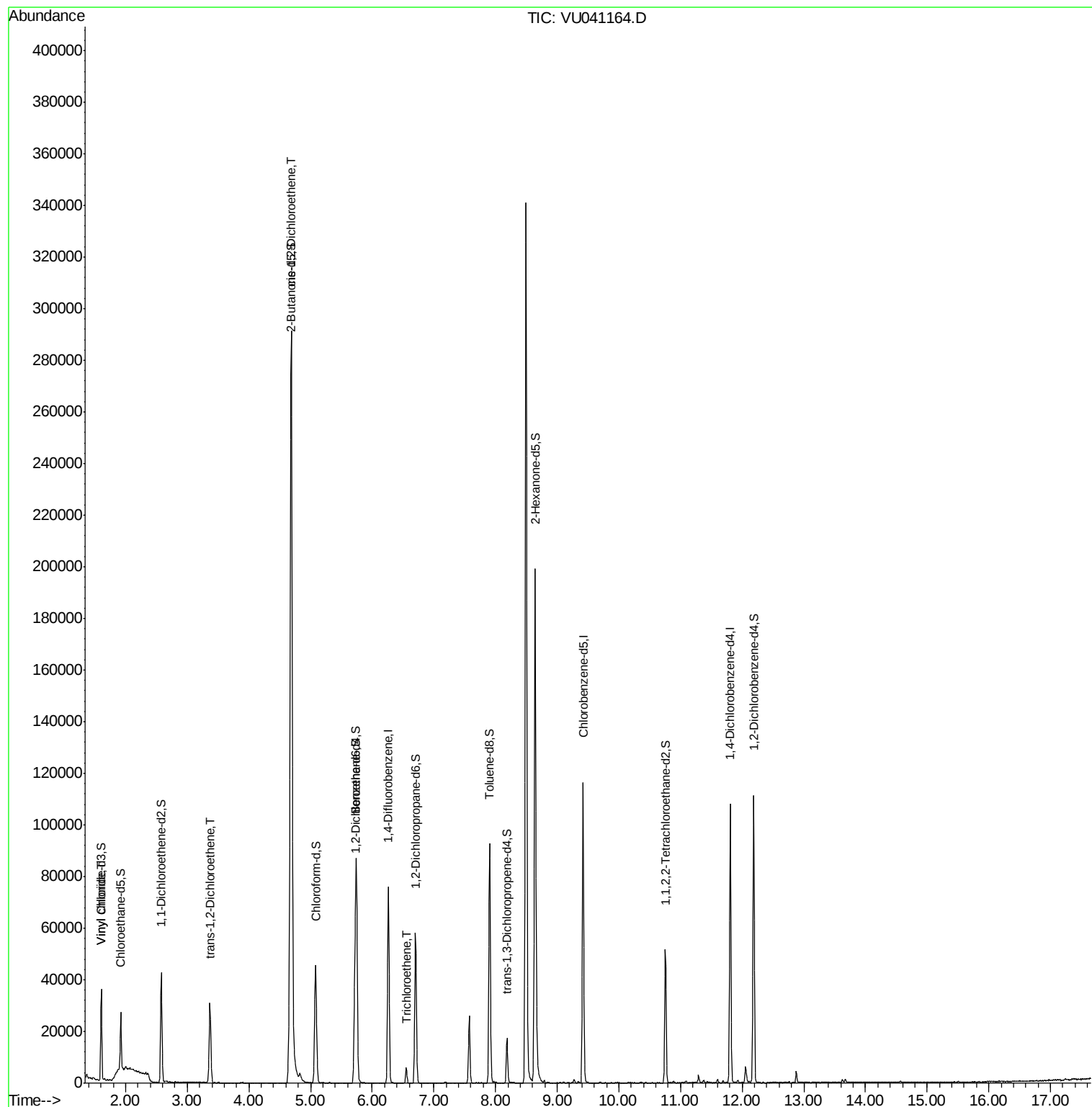
					Ovalue
5) Vinyl chloride	1.61	62	7931	1.482 ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	11937	2.917 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	130325	30.879 ug/L	100
34) Trichloroethene	6.56	95	1995	0.452 ug/L	84

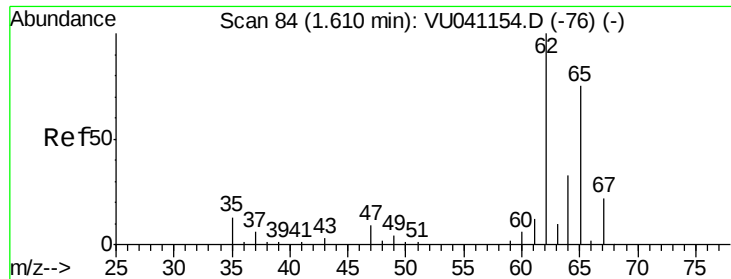
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.482 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041164.D

Acq: 10 Nov 2020 01:02

Instrument :

MSVOA_U

ClientSampled :

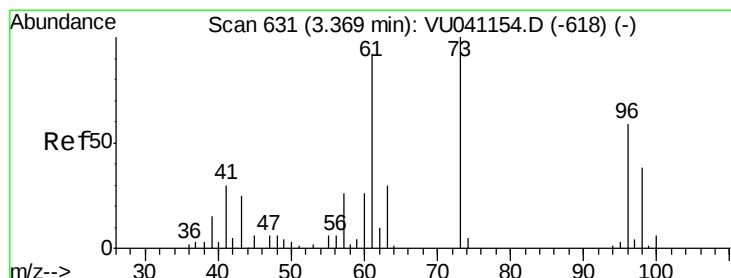
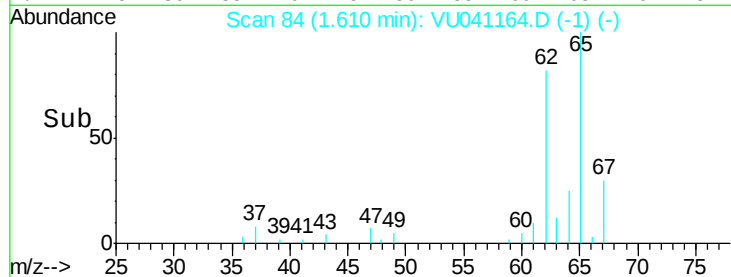
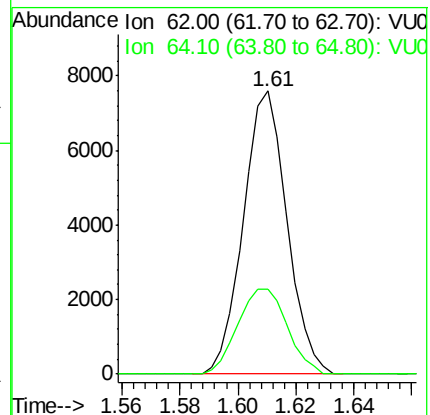
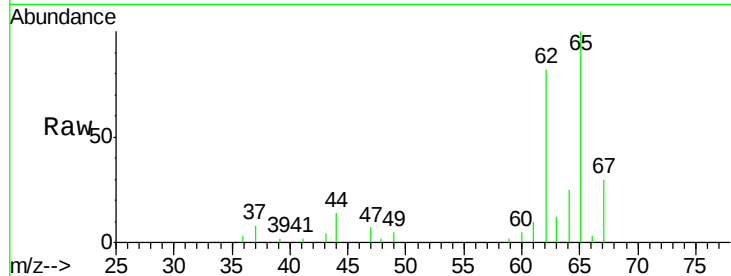
GB0T4

Tot Ion: 62 Resp: 7931

Ion Ratio Lower Upper

62 100

64 30.2 22.7 42.3



#18

trans-1,2-Dichloroethene

Concen: 2.917 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041164.D

Acq: 10 Nov 2020 01:02

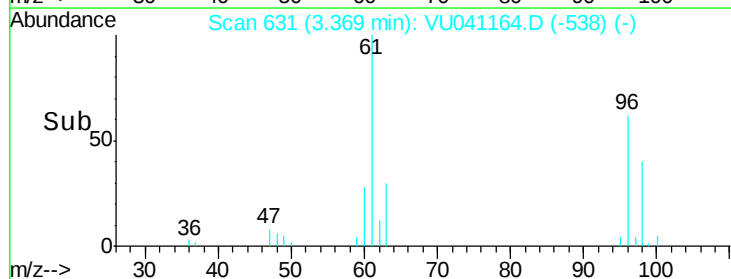
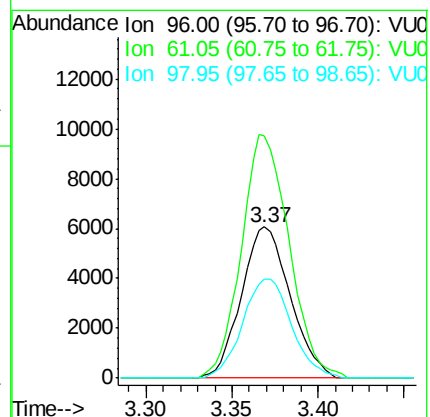
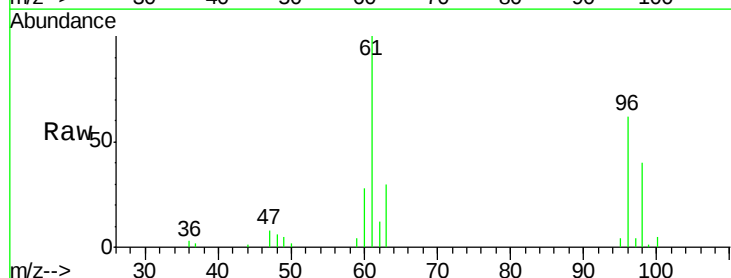
Tgt Ion: 96 Resp: 11937

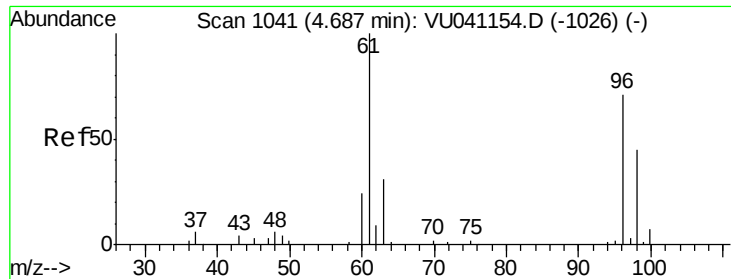
Ion Ratio Lower Upper

96 100

61 160.5 110.9 205.9

98 65.0 45.4 84.2





#22

cis-1,2-Dichloroethene

Concen: 30.879 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041164.D

Acq: 10 Nov 2020 01:02

Instrument :

MSVOA_U

ClientSampleId :

GB0T4

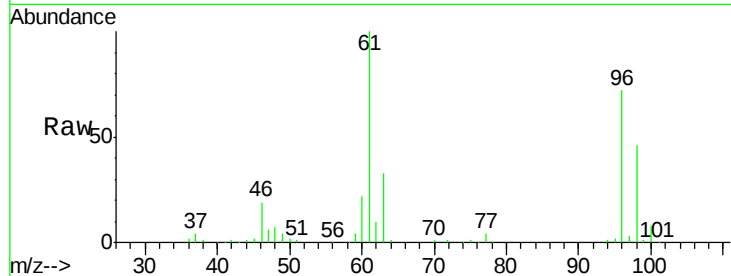
Tot Ion: 96 Resp: 130325

Ion Ratio Lower Upper

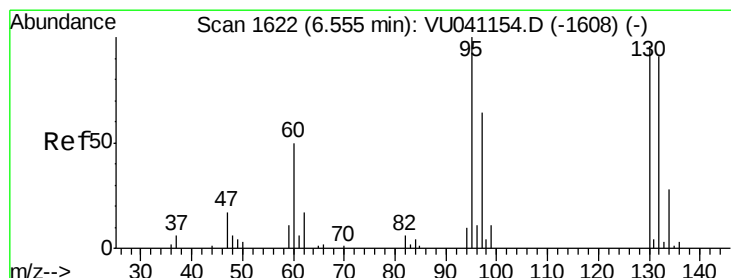
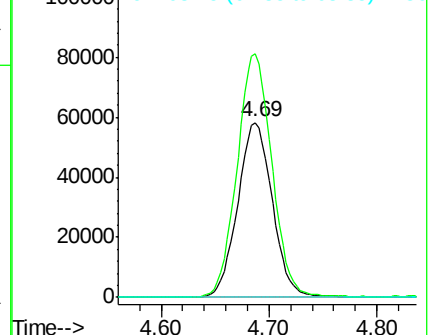
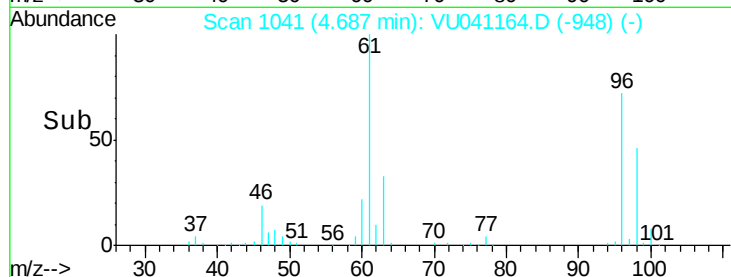
96 100

61 139.0 97.2 180.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041164.D (-1529) (-)



#34

Trichloroethene

Concen: 0.452 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041164.D

Acq: 10 Nov 2020 01:02

Tgt Ion: 95 Resp: 1995

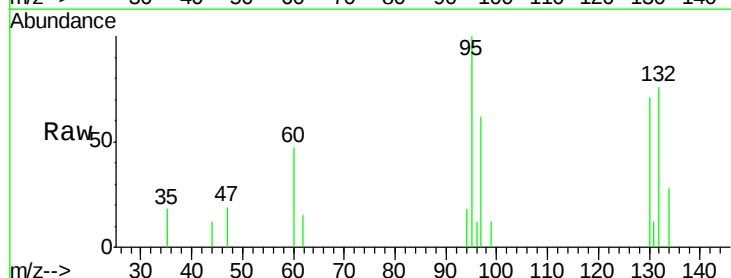
Ion Ratio Lower Upper

95 100

97 62.3 45.6 84.6

132 75.5 64.8 120.4

130 70.5 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU041164.D (-1529) (-)

