

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041176.D
 Acq On : 10 Nov 2020 14:23
 Operator : SY/MD
 Sample : L4673-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T3

Quant Time: Nov 11 01:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14812	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.92	69	13826	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.58	63	24105	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.65	46	82489	53.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.44%
24) Chloroform-d	5.08	84	40383	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	26382	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	67018	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	24643	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	53534	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.19	79	9074	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	63883	54.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22361	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	24368	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

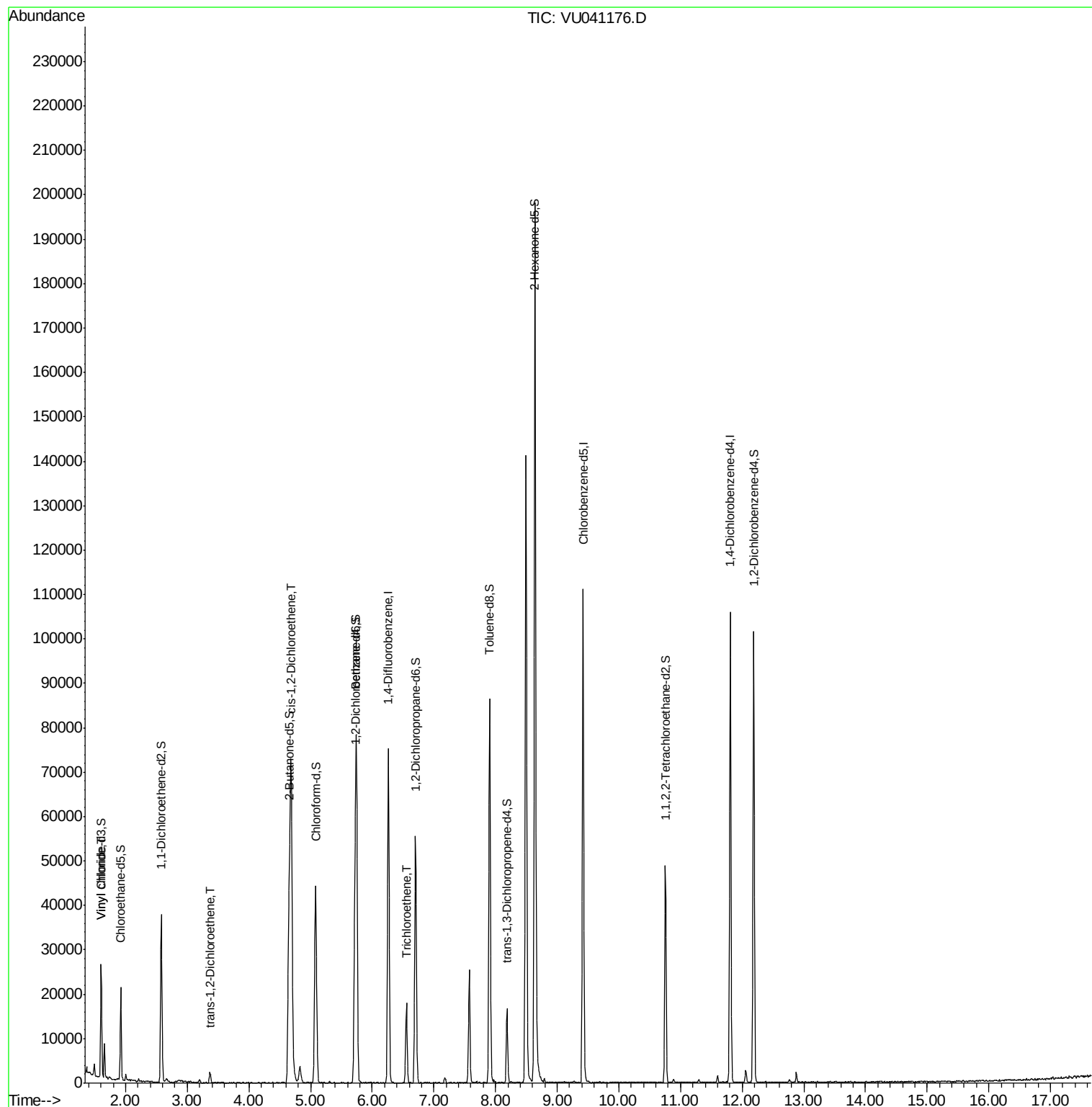
					Ovalue
5) Vinyl chloride	1.61	62	2451	0.470 ug/L	91
18) trans-1,2-Dichloroethene	3.37	96	966	0.242 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	26764	6.512 ug/L	98
34) Trichloroethene	6.56	95	5752	1.312 ug/L	97

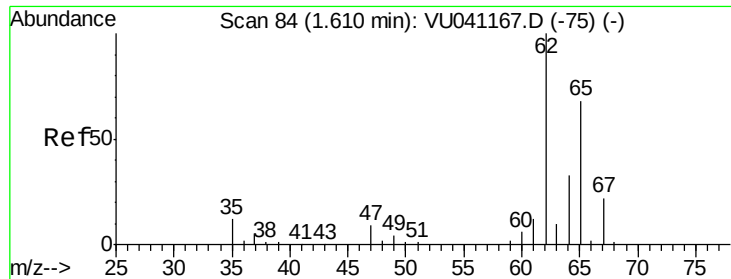
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.470 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU041176.D

Acq: 10 Nov 2020 14:23

Instrument :

MSVOA_U

ClientSampleId :

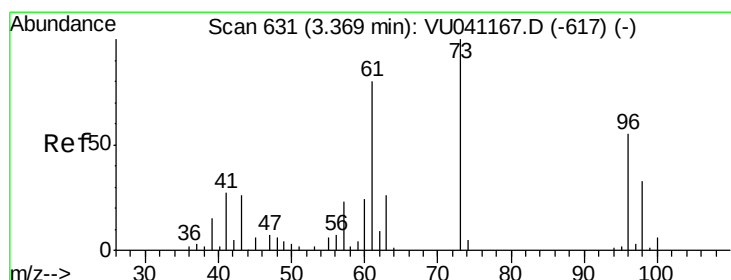
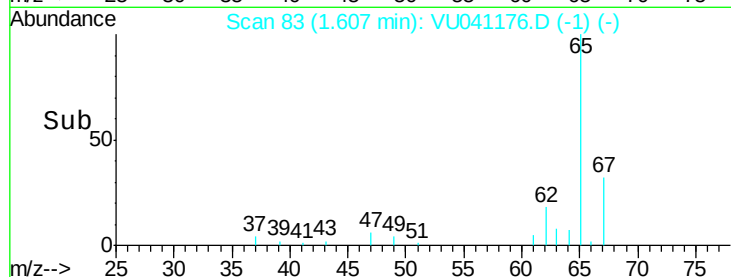
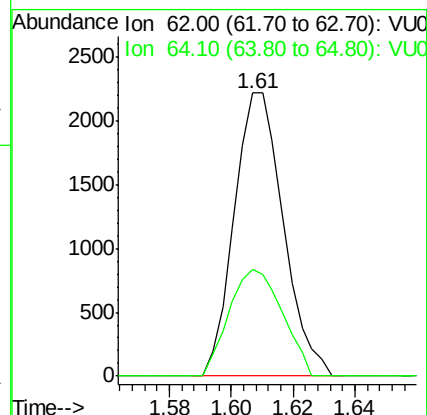
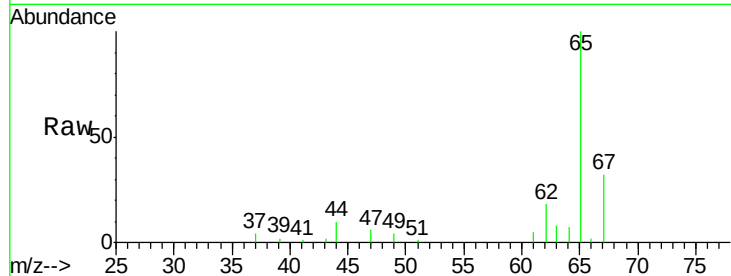
GB0T3

Tot Ion: 62 Resp: 2451

Ion Ratio Lower Upper

62 100

64 37.5 22.7 42.3



#18

trans-1,2-Dichloroethene

Concen: 0.242 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU041176.D

Acq: 10 Nov 2020 14:23

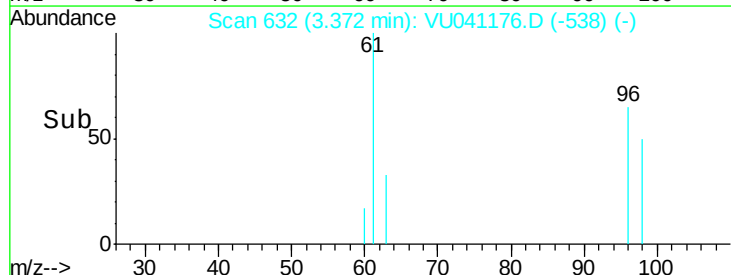
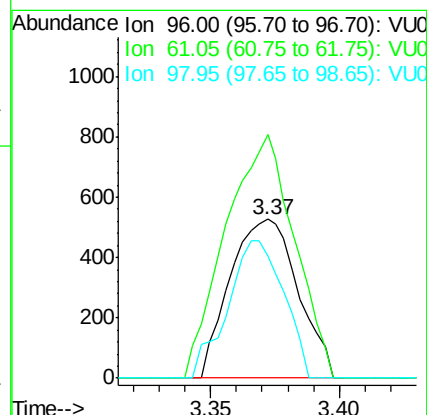
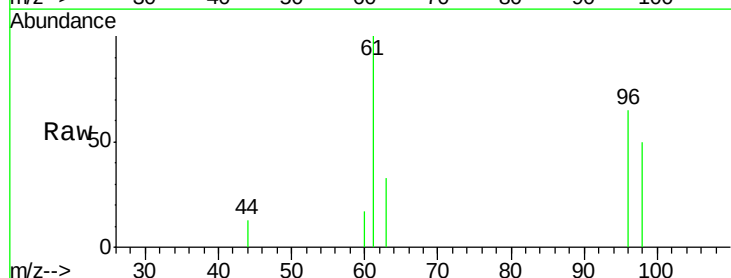
Tgt Ion: 96 Resp: 966

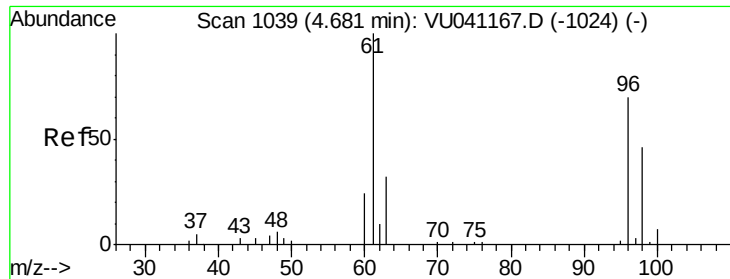
Ion Ratio Lower Upper

96 100

61 153.1 110.9 205.9

98 76.9 45.4 84.2





#22

cis-1,2-Dichloroethene

Concen: 6.512 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041176.D

Acq: 10 Nov 2020 14:23

Instrument :

MSVOA_U

ClientSampled :

GB0T3

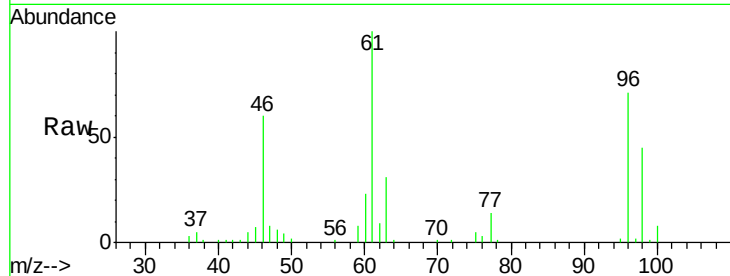
Tot Ion: 96 Resp: 26764

Ion Ratio Lower Upper

96 100

61 141.7 97.2 180.4

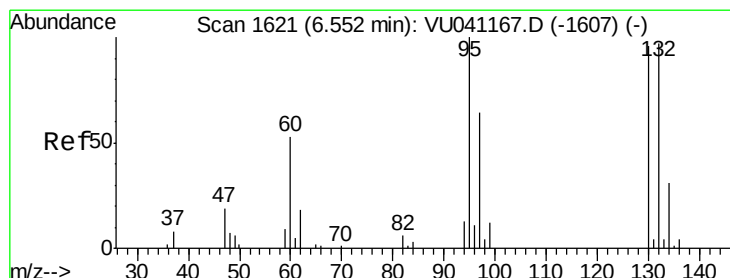
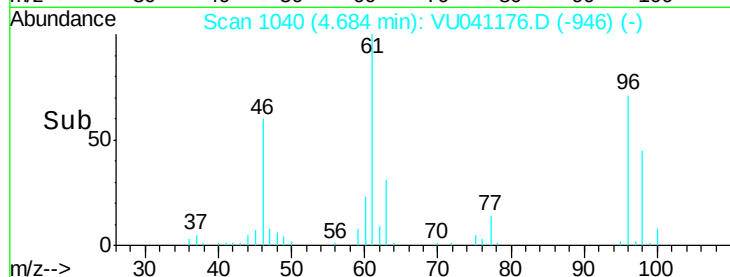
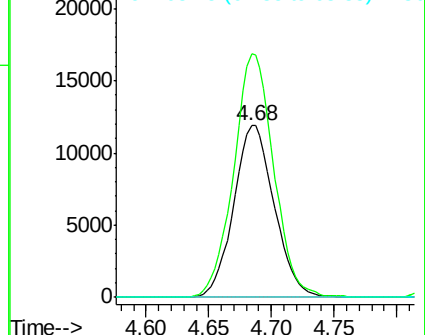
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041176.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041176.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041176.D (-1024) (-)



#34

Trichloroethene

Concen: 1.312 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041176.D

Acq: 10 Nov 2020 14:23

Tgt Ion: 95 Resp: 5752

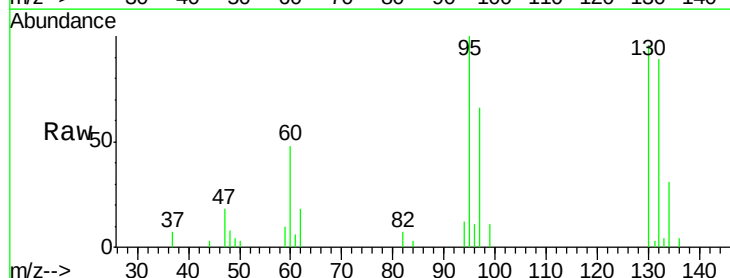
Ion Ratio Lower Upper

95 100

97 66.3 45.6 84.6

132 89.4 64.8 120.4

130 96.1 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU041176.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU041176.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU041176.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU041176.D (-1607) (-)

