

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040418.D
 Acq On : 01 Oct 2020 12:40
 Operator : SY/MD
 Sample : L4186-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1DL

Quant Time: Oct 02 04:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127986	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25607	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	25885	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	43770	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.66	46	155812	49.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.00%
24) Chloroform-d	5.08	84	69355	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	43651	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.75	84	119553	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	44883	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	91719	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	16403	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	104938	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43878	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42674	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

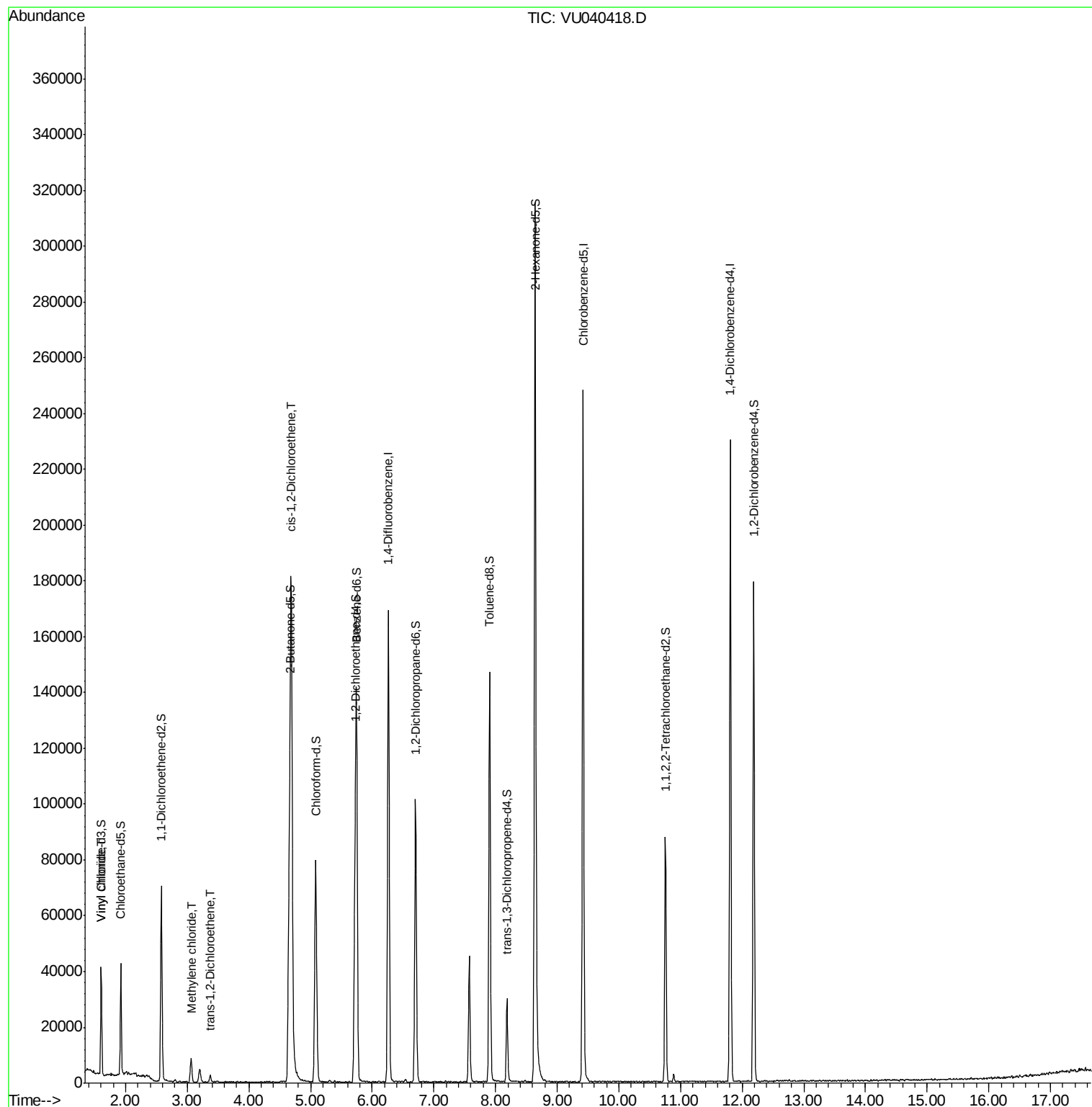
					Ovalue
5) Vinyl chloride	1.61	62	822	0.066 ug/L #	1
16) Methylene chloride	3.07	84	3889	0.318 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	1074	0.107 ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	68573	6.150 ug/L	100

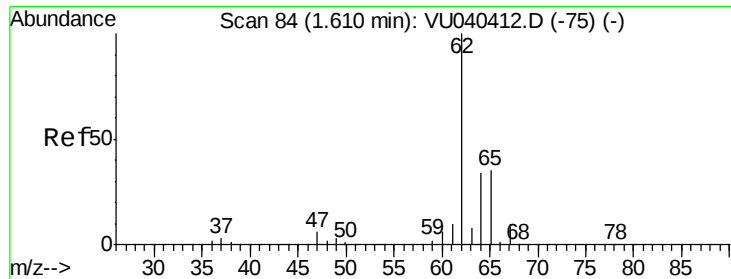
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.066 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 01 Oct 2020 12:40

Instrument :

MSVOA_U

ClientSampleId :

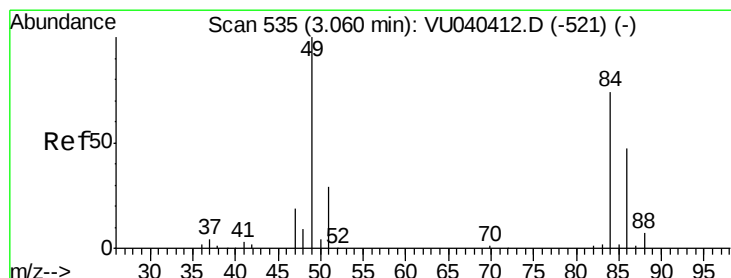
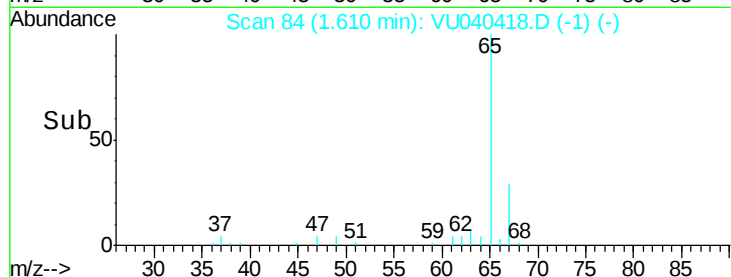
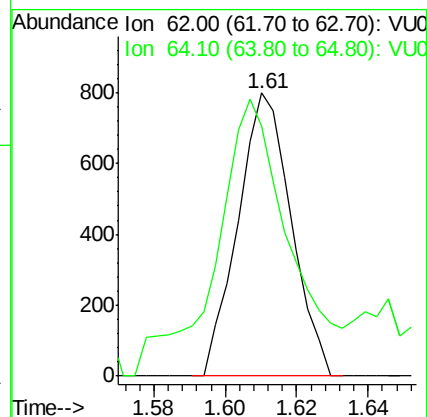
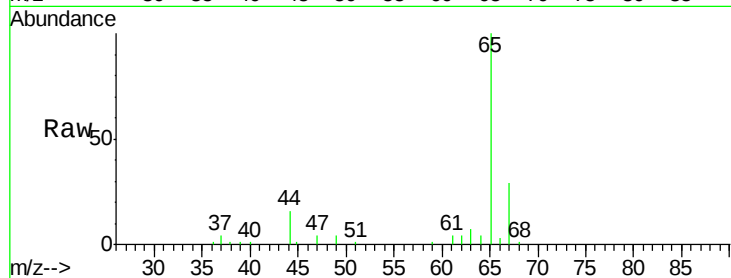
BG0E1DL

Tot Ion: 62 Resp: 822

Ion Ratio Lower Upper

62 100

64 88.6 23.0 42.8#



#16

Methylene chloride

Concen: 0.318 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

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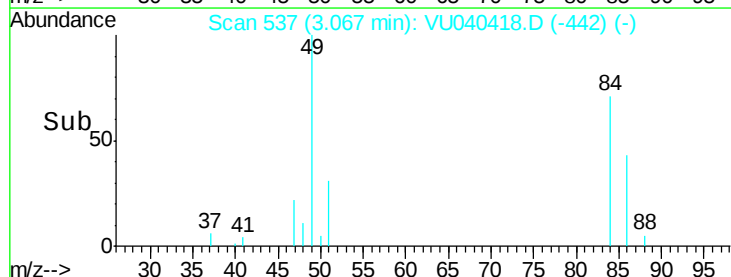
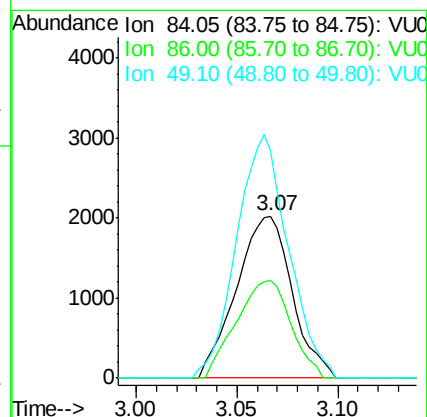
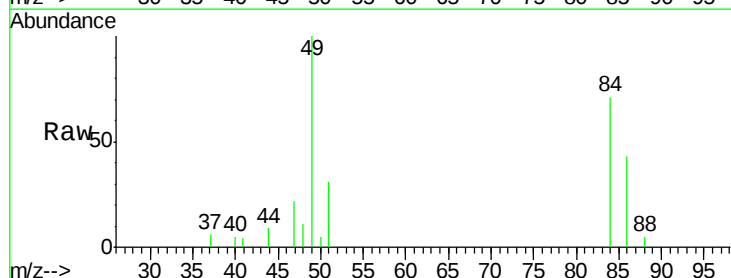
Tgt Ion: 84 Resp: 3889

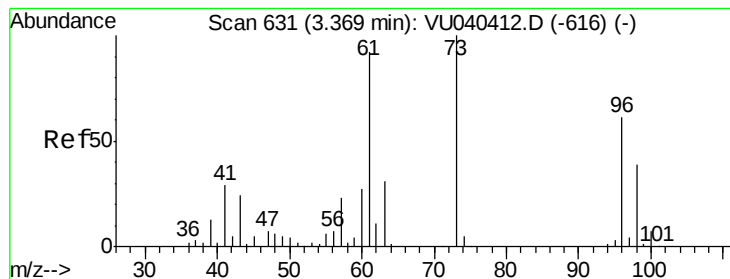
Ion Ratio Lower Upper

84 100

86 60.2 44.4 82.5

49 140.0 92.2 171.2





#18

trans-1,2-Dichloroethene

Concen: 0.107 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040418.D

Acq: 01 Oct 2020 12:40

Instrument :

MSVOA_U

ClientSampleId :

BG0E1DL

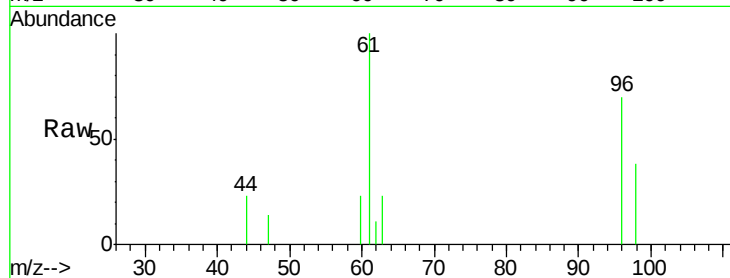
Tot Ion: 96 Resp: 1074

Ion Ratio Lower Upper

96 100

61 143.6 109.3 203.1

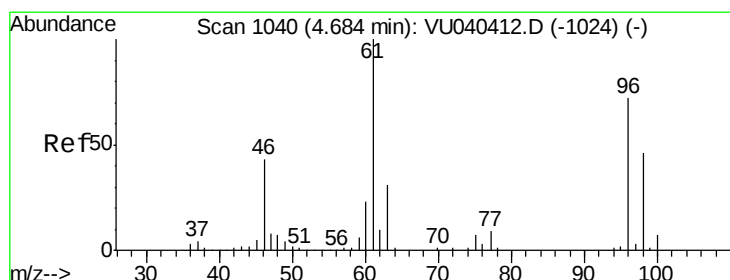
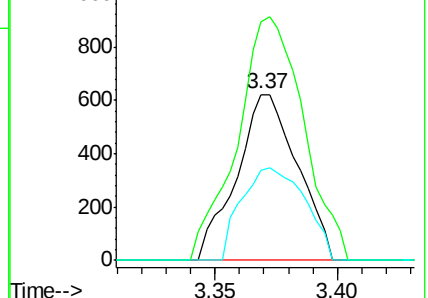
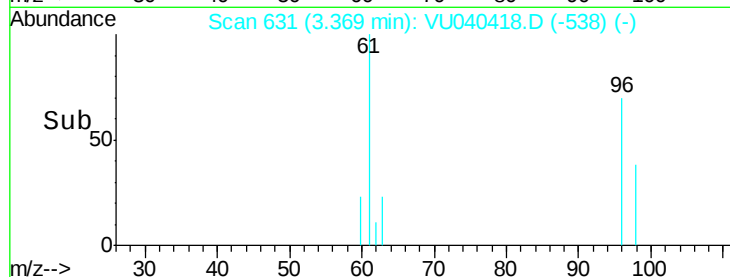
98 54.1 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VU040418.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040418.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040418.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.150 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040418.D

Acq: 01 Oct 2020 12:40

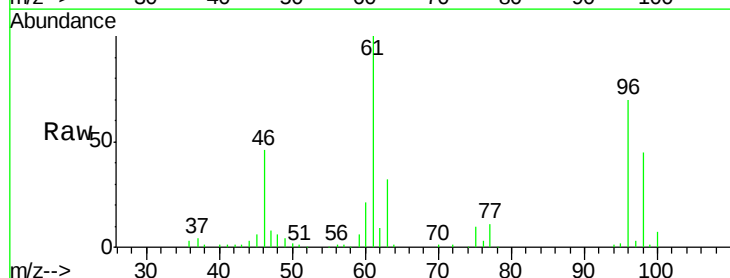
Tgt Ion: 96 Resp: 68573

Ion Ratio Lower Upper

96 100

61 142.5 99.3 184.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040418.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040418.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040418.D (-947) (-)

