

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040416.D
 Acq On : 01 Oct 2020 11:53
 Operator : SY/MD
 Sample : L4186-15DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F5DL

Quant Time: Oct 02 04:08:30 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	147133	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26171	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.92	69	27391	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	45416	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.66	46	166448	46.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	5.08	84	73421	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	45614	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.75	84	125465	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	46473	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	93921	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.19	79	16733	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.64	63	109902	42.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44472	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44915	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

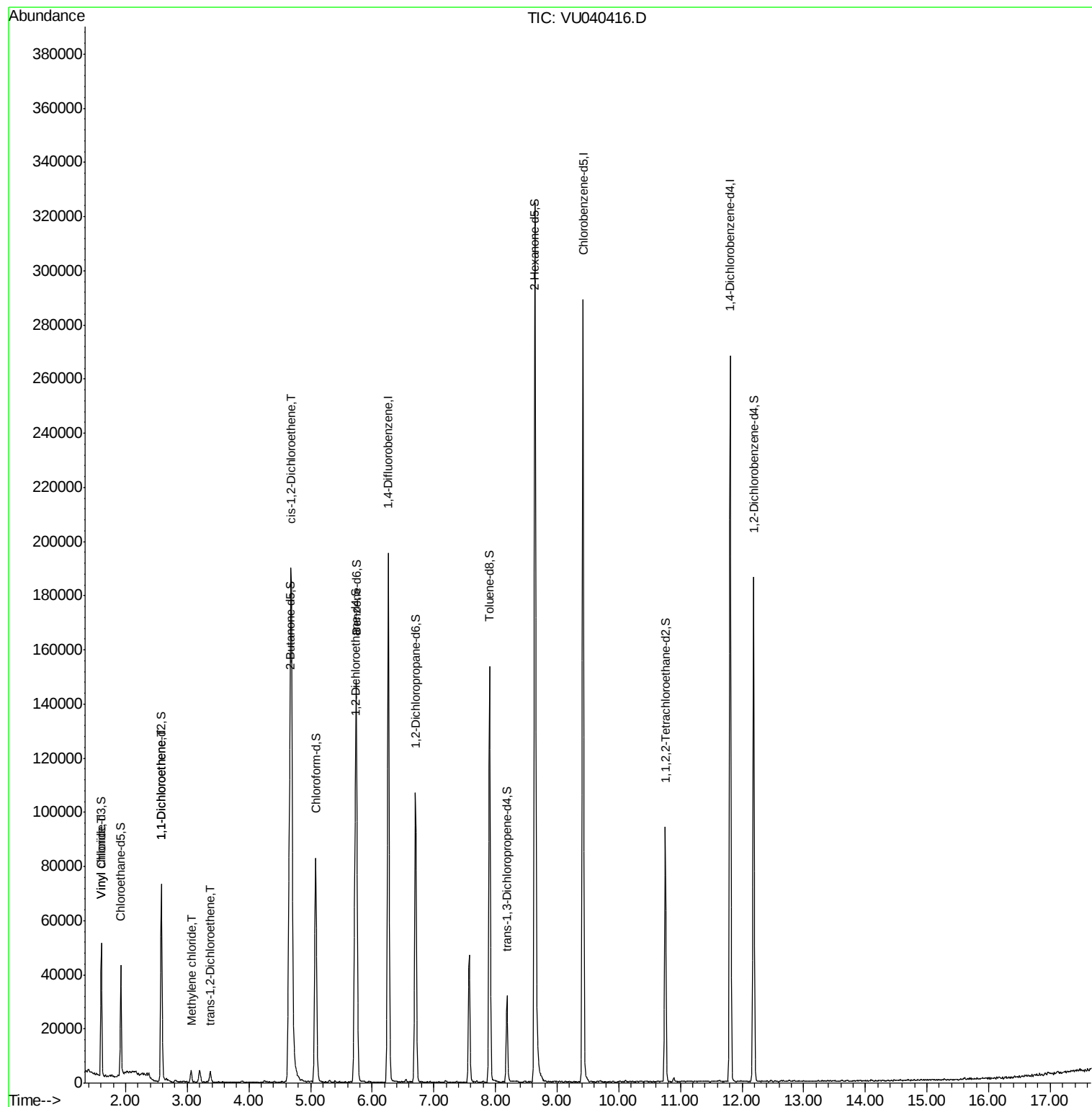
					Ovalue
5) Vinyl chloride	1.61	62	7841	0.551 ug/L	83
12) 1,1-Dichloroethene	2.59	96	845	0.075 ug/L #	1
16) Methylene chloride	3.06	84	1992	0.142 ug/L	91
18) trans-1,2-Dichloroethene	3.37	96	1473	0.127 ug/L #	65
22) cis-1,2-Dichloroethene	4.69	96	69831	5.448 ug/L	98

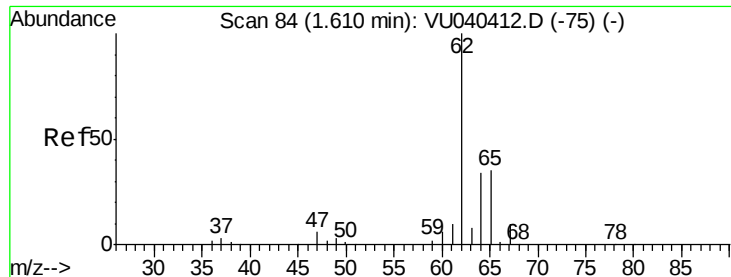
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.551 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040416.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_U

ClientSampleID :

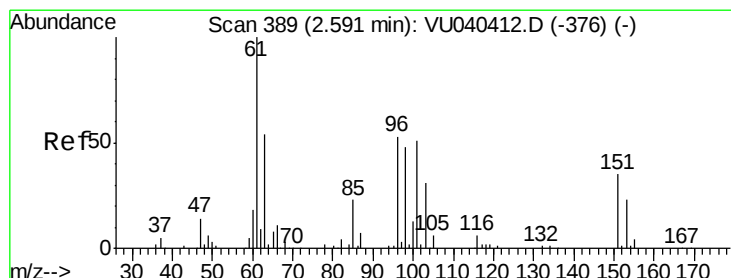
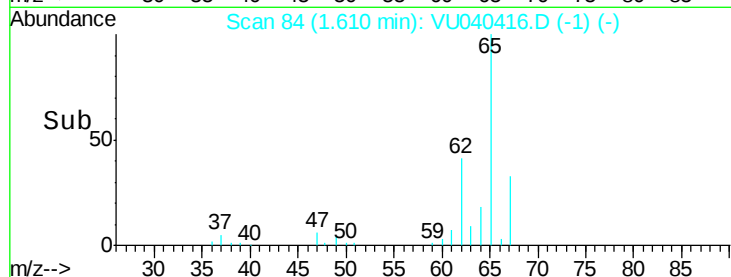
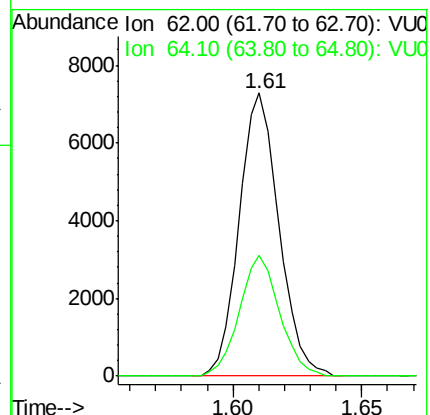
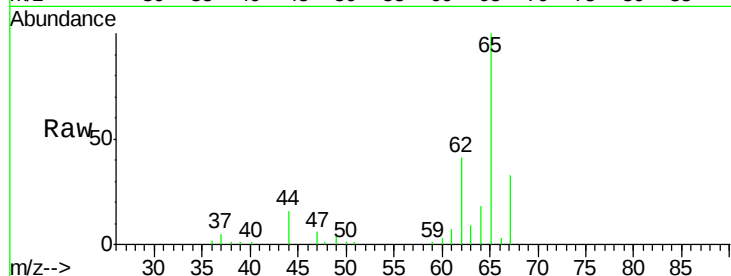
BG0F5DL

Tot Ion: 62 Resp: 7841

Ion Ratio Lower Upper

62 100

64 42.5 23.0 42.8



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040416.D

Acq: 01 Oct 2020 11:53

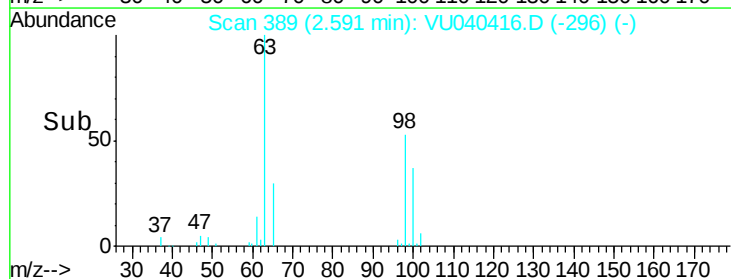
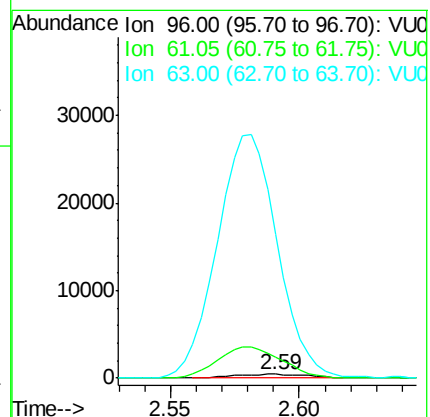
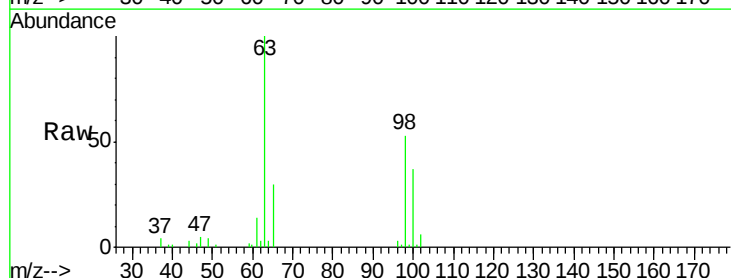
Tgt Ion: 96 Resp: 845

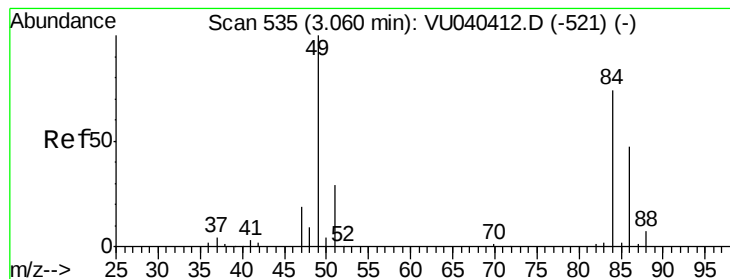
Ion Ratio Lower Upper

96 100

61 509.0 128.6 238.8#

63 3515.2 67.8 126.0#





#16

Methvlene chloride

Concen: 0.142 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040416.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_U

ClientSampleId :

BG0F5DL

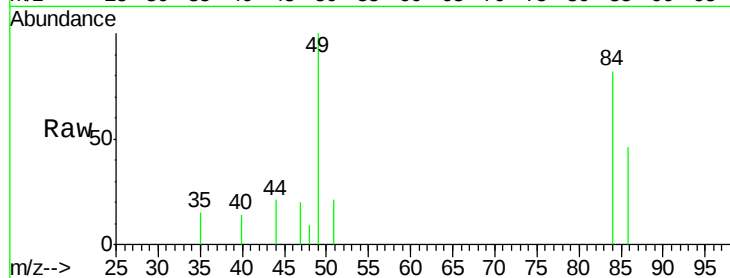
Tot Ion: 84 Resp: 1992

Ion Ratio Lower Upper

84 100

86 55.8 44.4 82.5

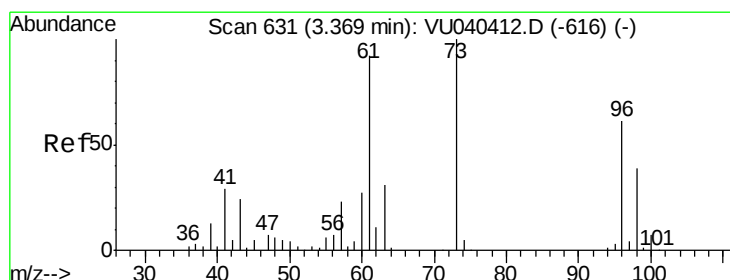
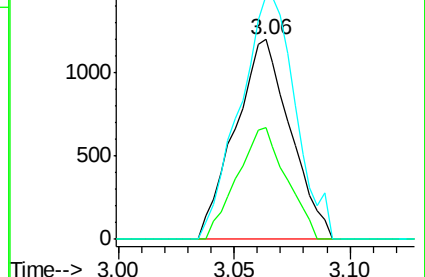
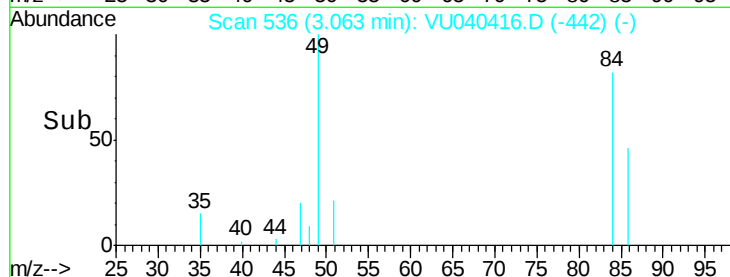
49 122.0 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040416.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040416.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040416.D (-442) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040416.D

Acq: 01 Oct 2020 11:53

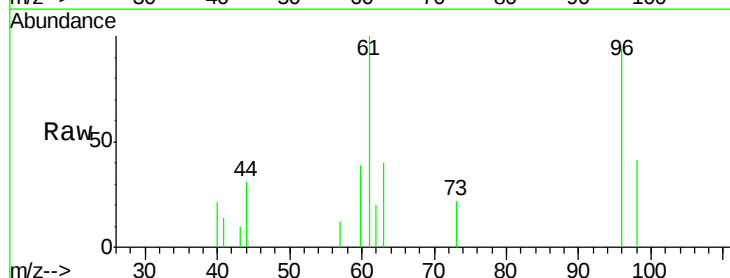
Tgt Ion: 96 Resp: 1473

Ion Ratio Lower Upper

96 100

61 106.3 109.3 203.1#

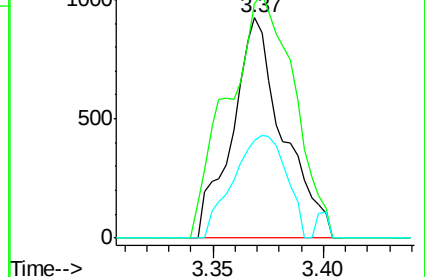
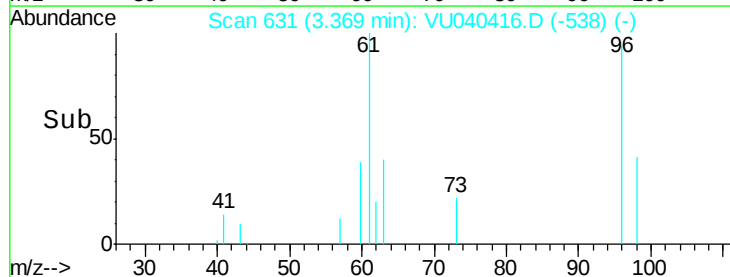
98 44.0 45.8 85.0#

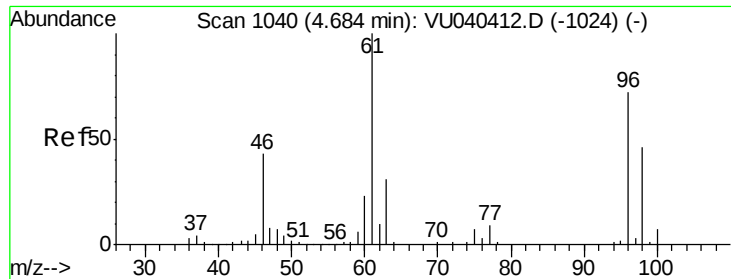


Abundance Ion 96.00 (95.70 to 96.70): VU040416.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040416.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040416.D (-538) (-)





#22
 cis-1,2-Dichloroethene
 Concen: 5.448 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040416.D
 Acq: 01 Oct 2020 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F5DL

Tot Ion: 96 Resp: 69831
 Ion Ratio Lower Upper
 96 100
 61 144.3 99.3 184.5
 68 0.0 0.0 0.0

