

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039887.D
 Acq On : 17 Aug 2020 15:03
 Operator : SY/MD
 Sample : L3517-10DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M12DL

Quant Time: Aug 18 05:11:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80194	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17517	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	21204	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	26221	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	104690	54.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.94%
24) Chloroform-d	5.08	84	47476	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	29248	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.74	84	85245	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	31873	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	67609	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.19	79	11922	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	76031	55.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29459	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32022	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

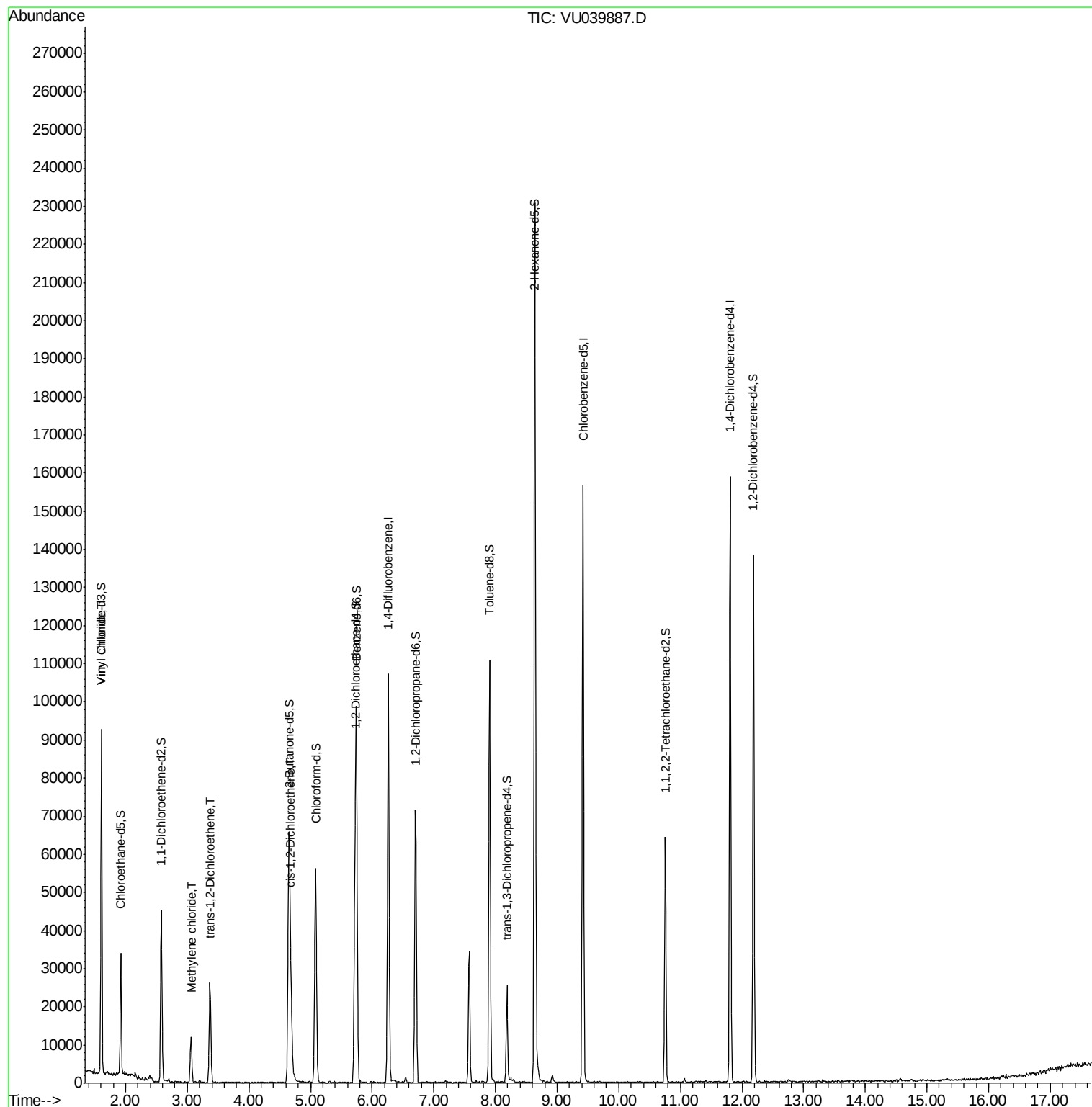
					Ovalue
5) Vinyl chloride	1.61	62	43162	6.620 ug/L	91
16) Methylene chloride	3.06	84	5110	0.663 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	10250	1.925 ug/L	89
22) cis-1,2-Dichloroethene	4.68	96	3325	0.574 ug/L	78

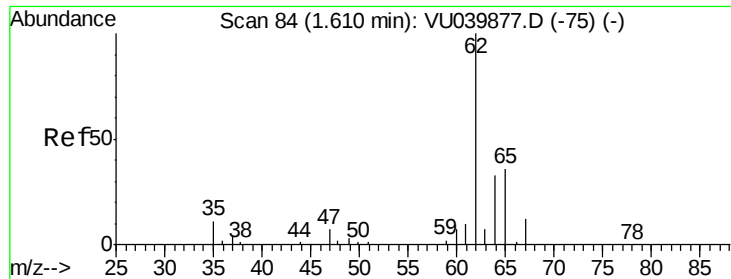
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
Data File : VU039887.D
Acq On : 17 Aug 2020 15:03
Operator : SY/MD
Sample : L3517-10DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M12DL

Quant Time: Aug 18 05:11:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.620 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039887.D

Acq: 17 Aug 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

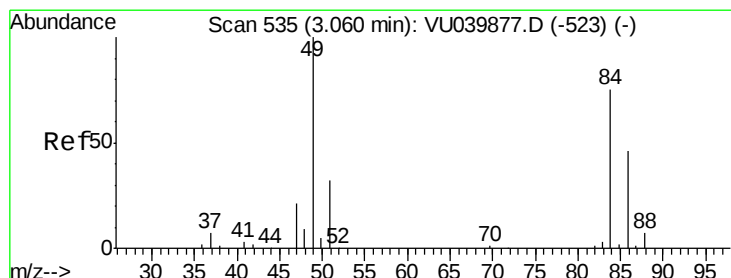
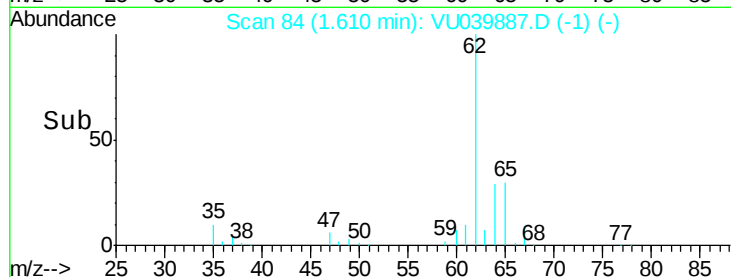
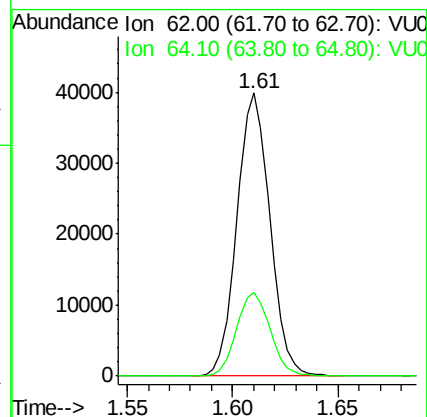
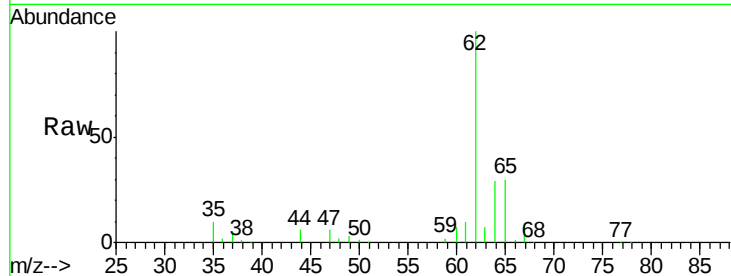
F4M12DL

Tot Ion: 62 Resp: 43162

Ion Ratio Lower Upper

62 100

64 29.4 24.1 44.7



#16

Methylene chloride

Concen: 0.663 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039887.D

Acq: 17 Aug 2020 15:03

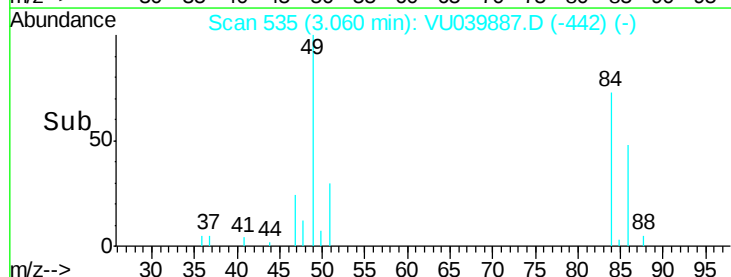
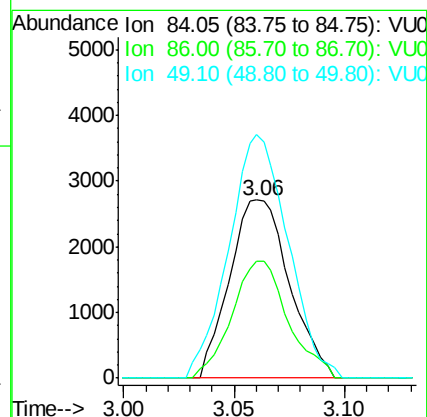
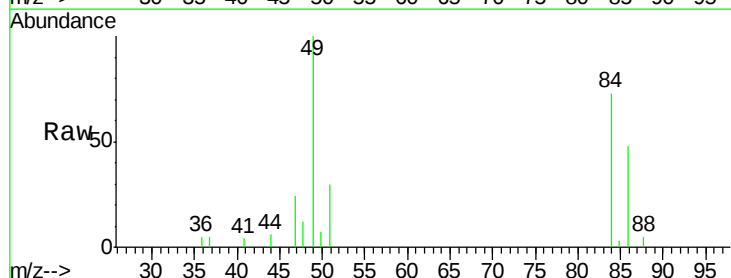
Tgt Ion: 84 Resp: 5110

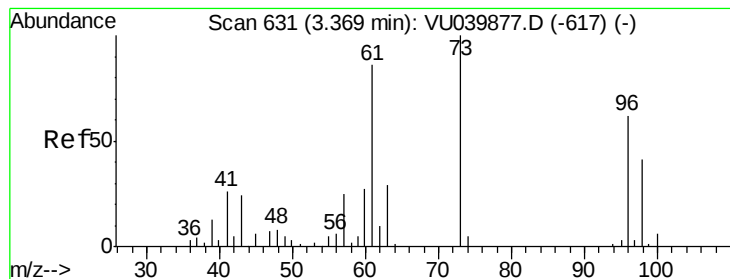
Ion Ratio Lower Upper

84 100

86 65.3 43.9 81.5

49 136.6 94.4 175.4





#18

trans-1,2-Dichloroethene

Concen: 1.925 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039887.D

Acq: 17 Aug 2020 15:03

Instrument :

MSVOA_U

ClientSampled :

F4M12DL

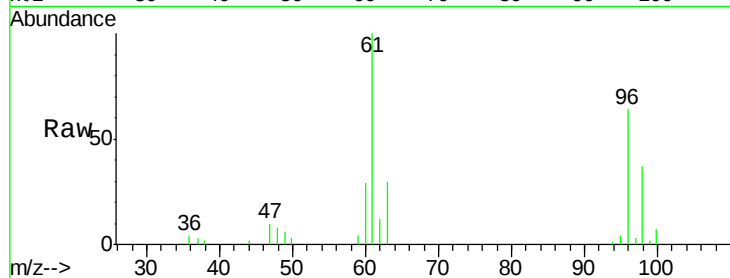
Tot Ion: 96 Resp: 10250

Ion Ratio Lower Upper

96 100

61 155.6 96.5 179.1

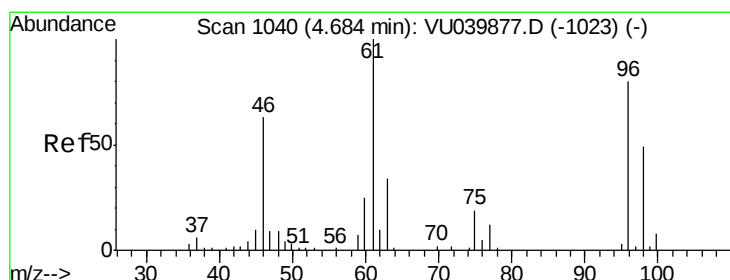
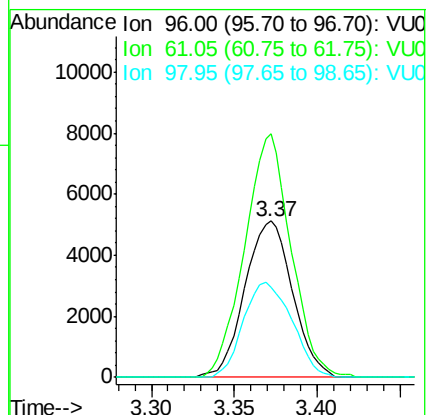
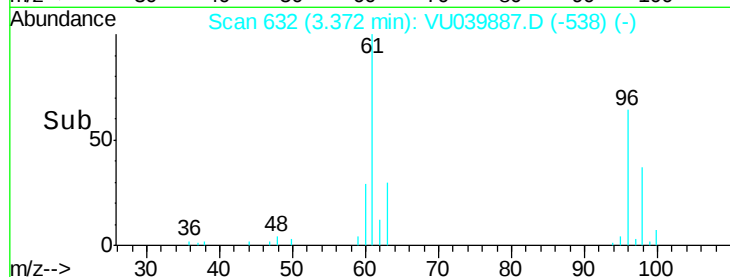
98 57.8 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.574 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039887.D

Acq: 17 Aug 2020 15:03

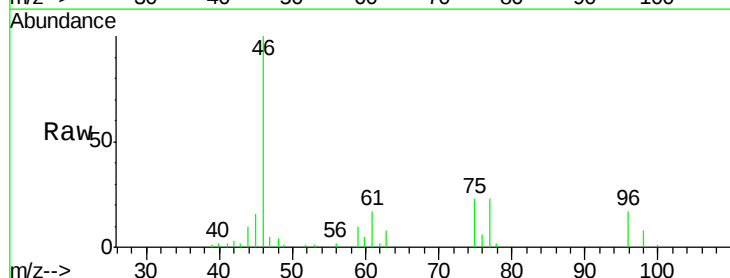
Tgt Ion: 96 Resp: 3325

Ion Ratio Lower Upper

96 100

61 99.8 87.4 162.2

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

