

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040811.D
 Acq On : 19 Oct 2020 18:00
 Operator : SY/MD
 Sample : L4354-23DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ43DL

Quant Time: Oct 20 04:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33984	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.92	69	32359	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.58	63	51524	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.65	46	174731	57.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.06%
24) Chloroform-d	5.08	84	81952	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	50689	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.74	84	137134	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.70	67	50072	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	101646	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	8.19	79	18686	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	117737	49.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49626	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	47215	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

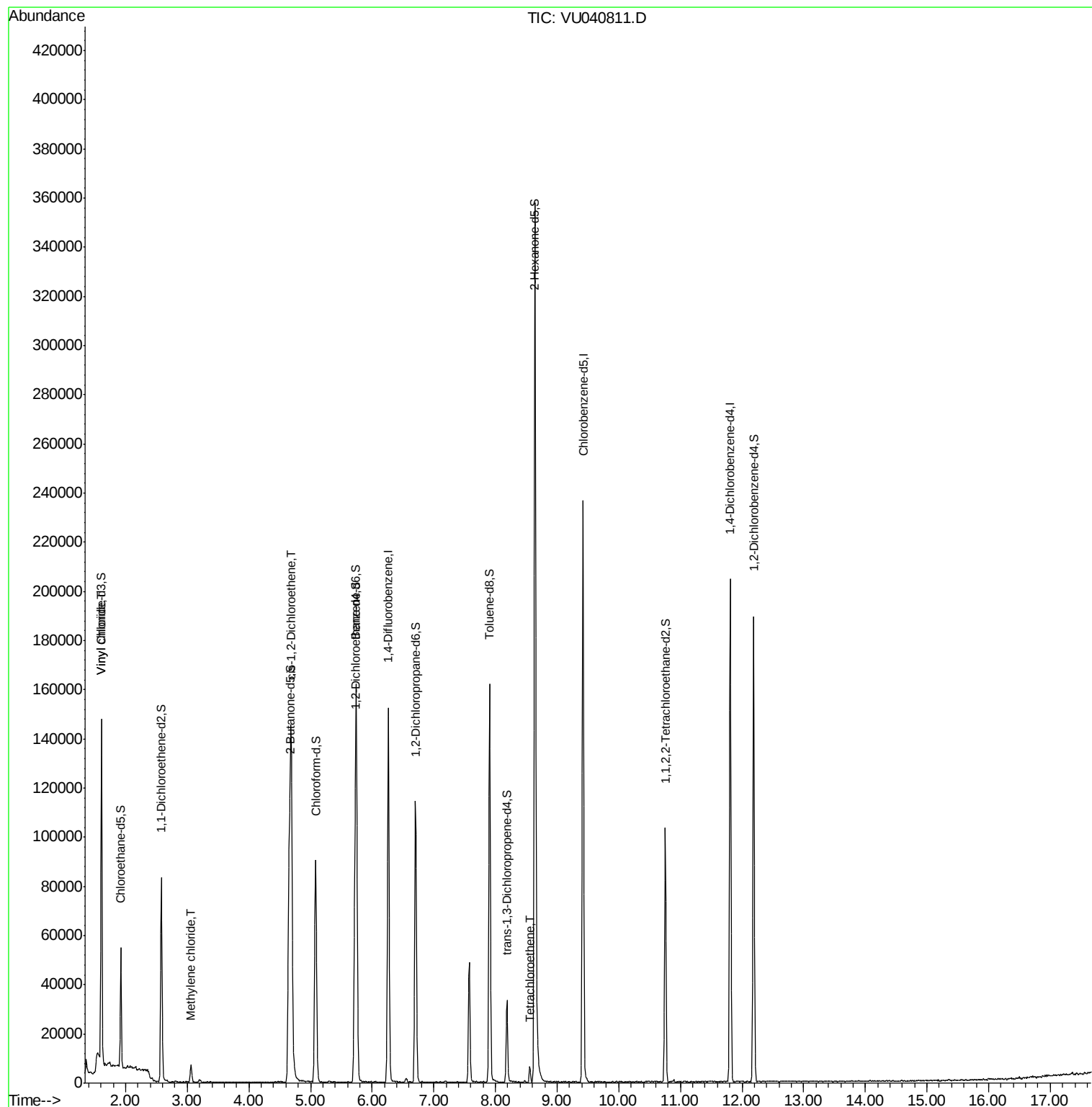
					Ovalue
5) Vinyl chloride	1.61	62	64133	6.274	ug/L 91
16) Methylene chloride	3.06	84	3080	0.294	ug/L 87
22) cis-1,2-Dichloroethene	4.69	96	54241	5.879	ug/L 94
47) Tetrachloroethene	8.56	164	1372	0.189	ug/L 84

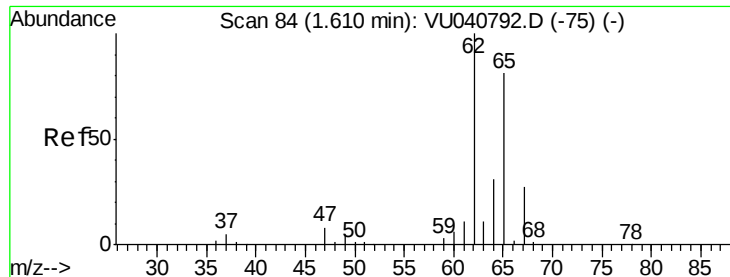
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.274 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 19 Oct 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

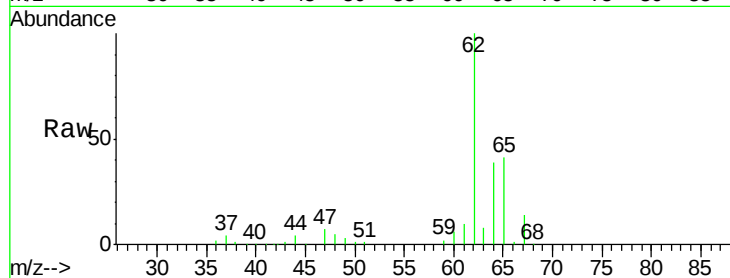
ETZ43DL

Tot Ion: 62 Resp: 64133

Ion Ratio Lower Upper

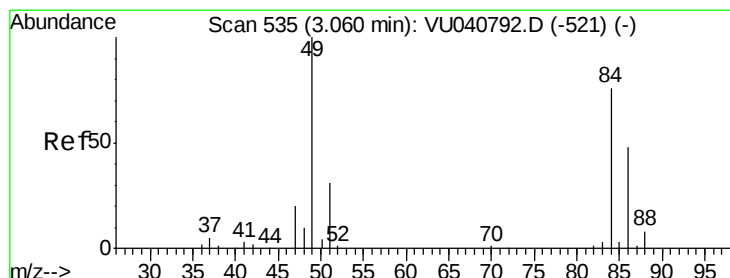
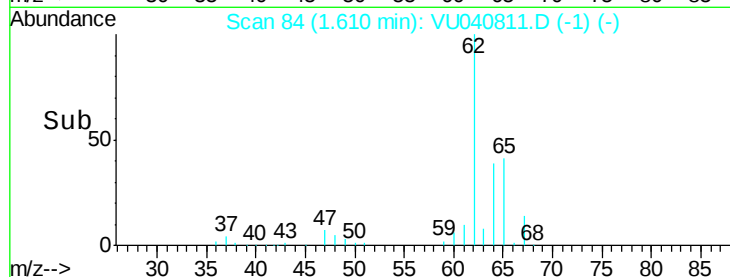
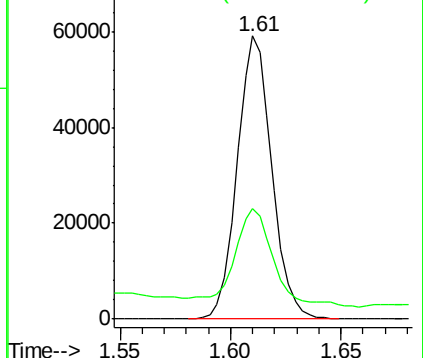
62 100

64 39.0 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.294 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040811.D

Acq: 19 Oct 2020 18:00

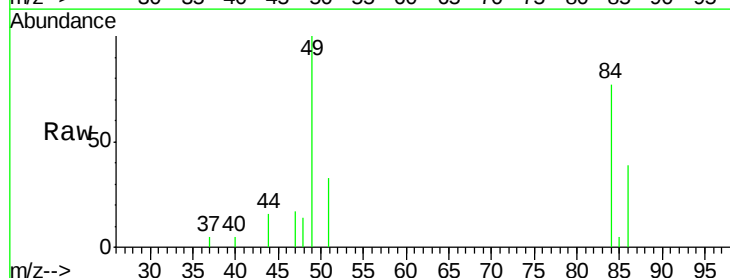
Tgt Ion: 84 Resp: 3080

Ion Ratio Lower Upper

84 100

86 50.9 45.4 84.4

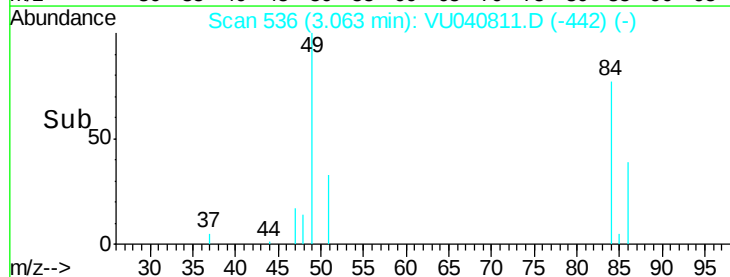
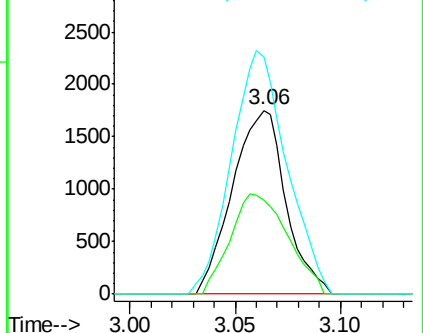
49 129.2 99.8 185.3

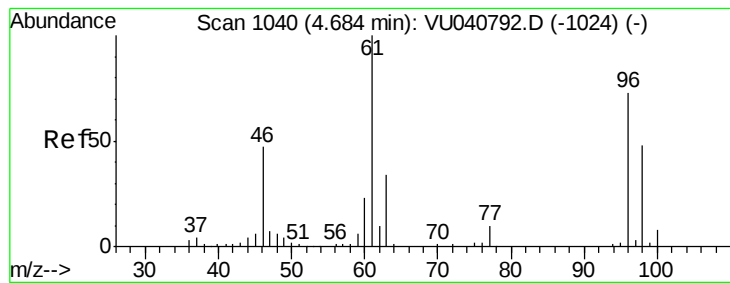


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 5.879 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040811.D

Acq: 19 Oct 2020 18:00

Instrument :

MSVOA_U

ClientSampled :

ETZ43DL

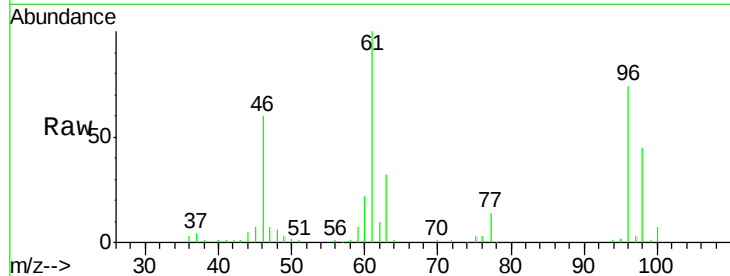
Tot Ion: 96 Resp: 54241

Ion Ratio Lower Upper

96 100

61 135.6 99.8 185.4

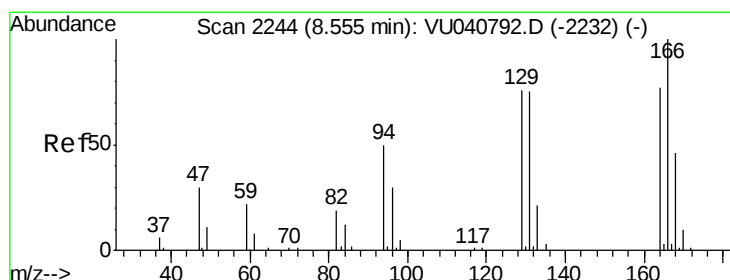
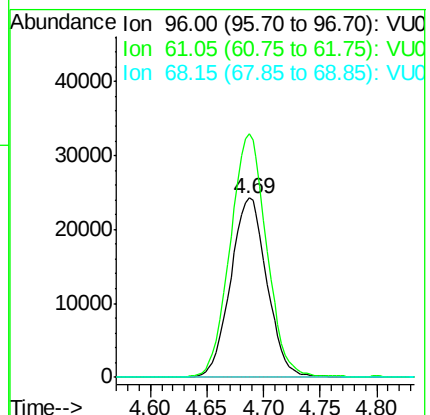
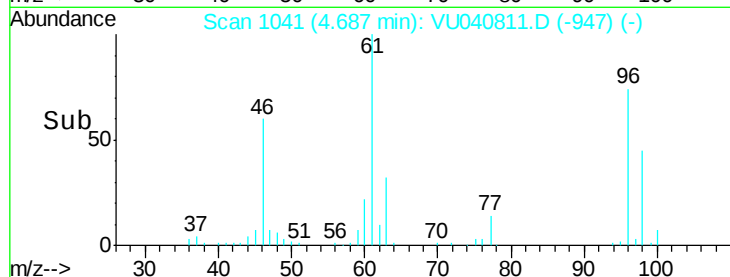
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040811.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040811.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040811.D (-947) (-)



#47

Tetrachloroethene

Concen: 0.189 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040811.D

Acq: 19 Oct 2020 18:00

Tgt Ion: 164 Resp: 1372

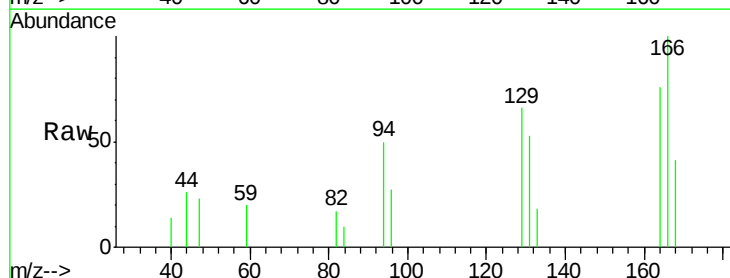
Ion Ratio Lower Upper

164 100

129 87.2 68.8 127.8

131 69.6 66.7 123.9

166 131.6 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): VU040811.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040811.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040811.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040811.D (-2151) (-)

