

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041181.D
 Acq On : 10 Nov 2020 16:28
 Operator : SY/MD
 Sample : VIBLK42
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK42

Quant Time: Nov 11 02:06:41 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	53522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21631	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.92	69	17023	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	31145	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.65	46	71376	48.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	5.08	84	41052	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	25747	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	74270	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	25644	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.90	98	62229	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.19	79	9925	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	51110	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21567	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	24221	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

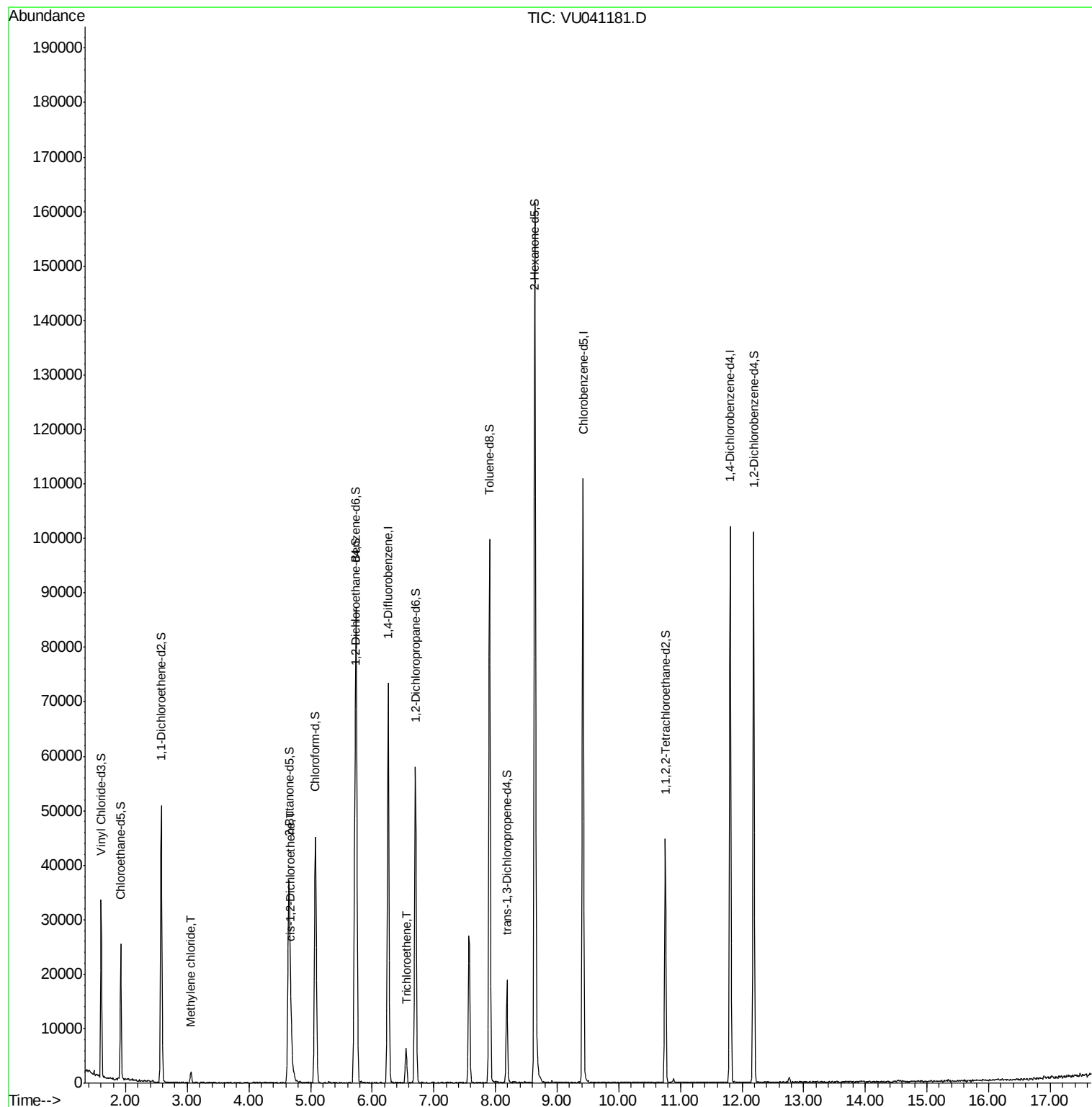
Target Compounds					Ovalue
16) Methylene chloride	3.06	84	858	0.195 ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	880	0.222 ug/L	87
34) Trichloroethene	6.56	95	2162	0.510 ug/L	98

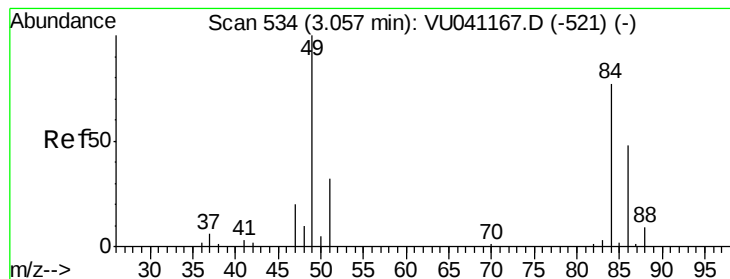
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.195 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK42

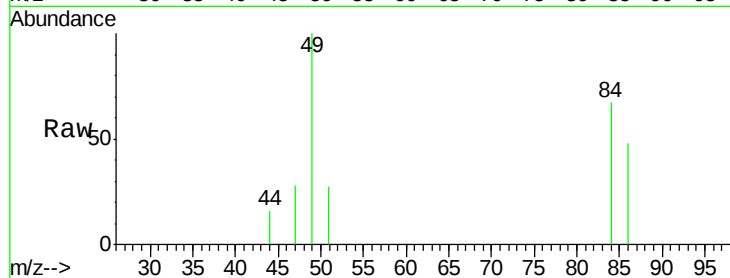
Tot Ion: 84 Resp: 858

Ion Ratio Lower Upper

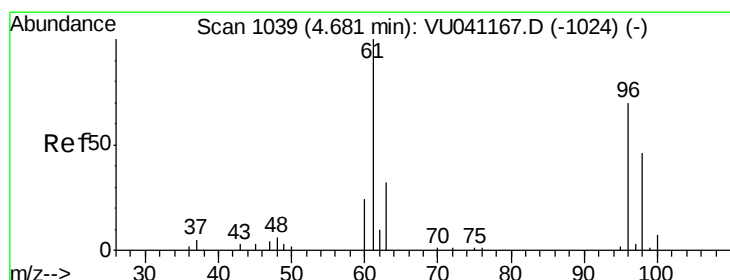
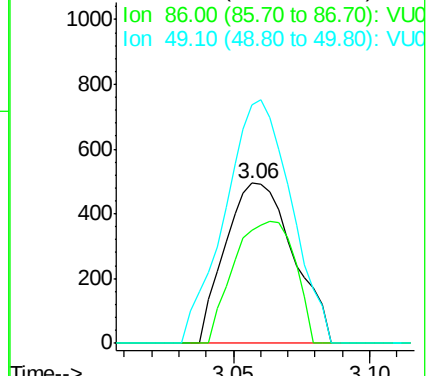
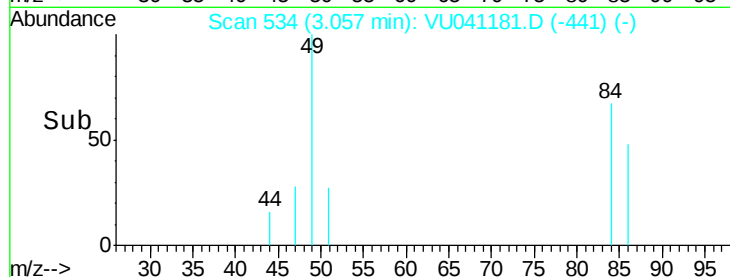
84 100

86 70.7 42.8 79.6

49 148.5 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU041181.D (-441) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.222 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041181.D

Acq: 10 Nov 2020 16:28

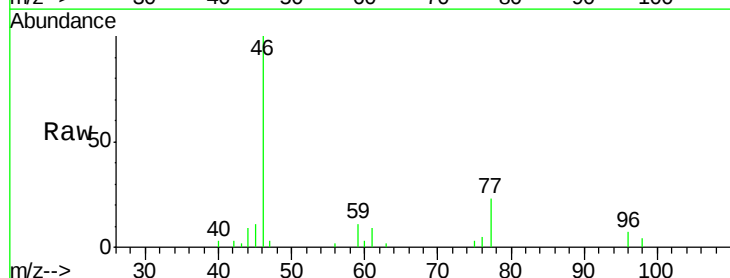
Tgt Ion: 96 Resp: 880

Ion Ratio Lower Upper

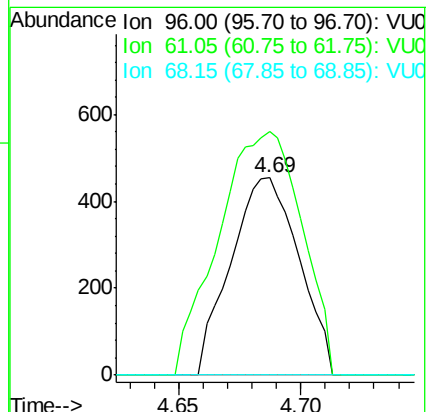
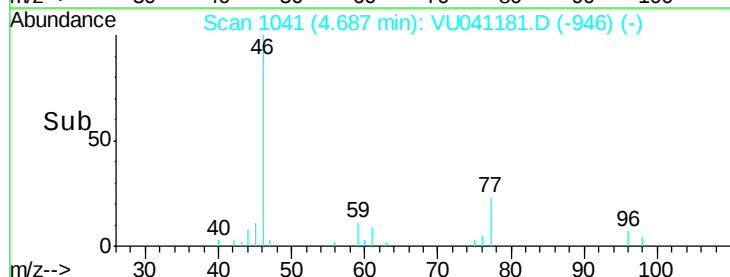
96 100

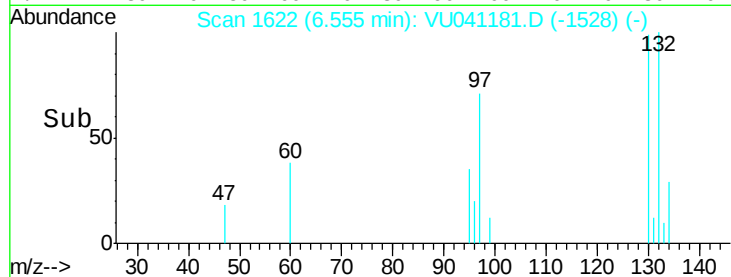
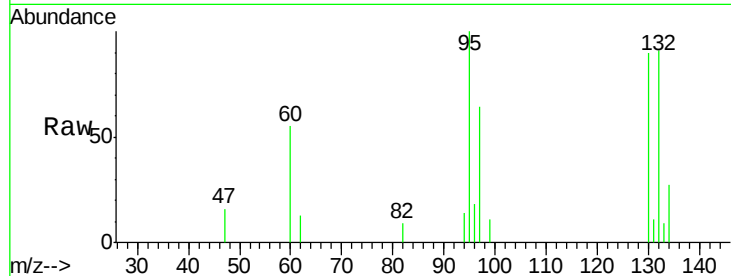
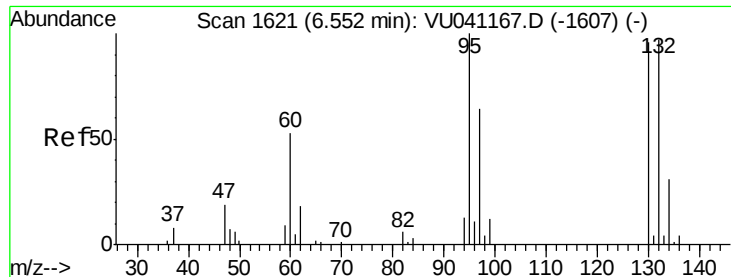
61 123.6 97.2 180.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041181.D (-946) (-)





#34

Trichloroethene

Concen: 0.510 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

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MSVOA_U

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VIBLK42

Tot Ion: 95 Resp: 2162

Ion Ratio Lower Upper

95 100

97 64.1 45.6 84.6

132 90.8 64.8 120.4

130 89.9 64.8 120.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

