

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110620\
 Data File : VU041124.D
 Acq On : 06 Nov 2020 19:45
 Operator : SY/MD
 Sample : L4648-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9DL

Quant Time: Nov 07 00:09:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61943	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20035	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.92	69	17625	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	32397	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.65	46	92848	54.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	5.08	84	47010	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	29736	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	85651	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	29606	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	71163	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	10965	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	66140	49.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26518	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	28993	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

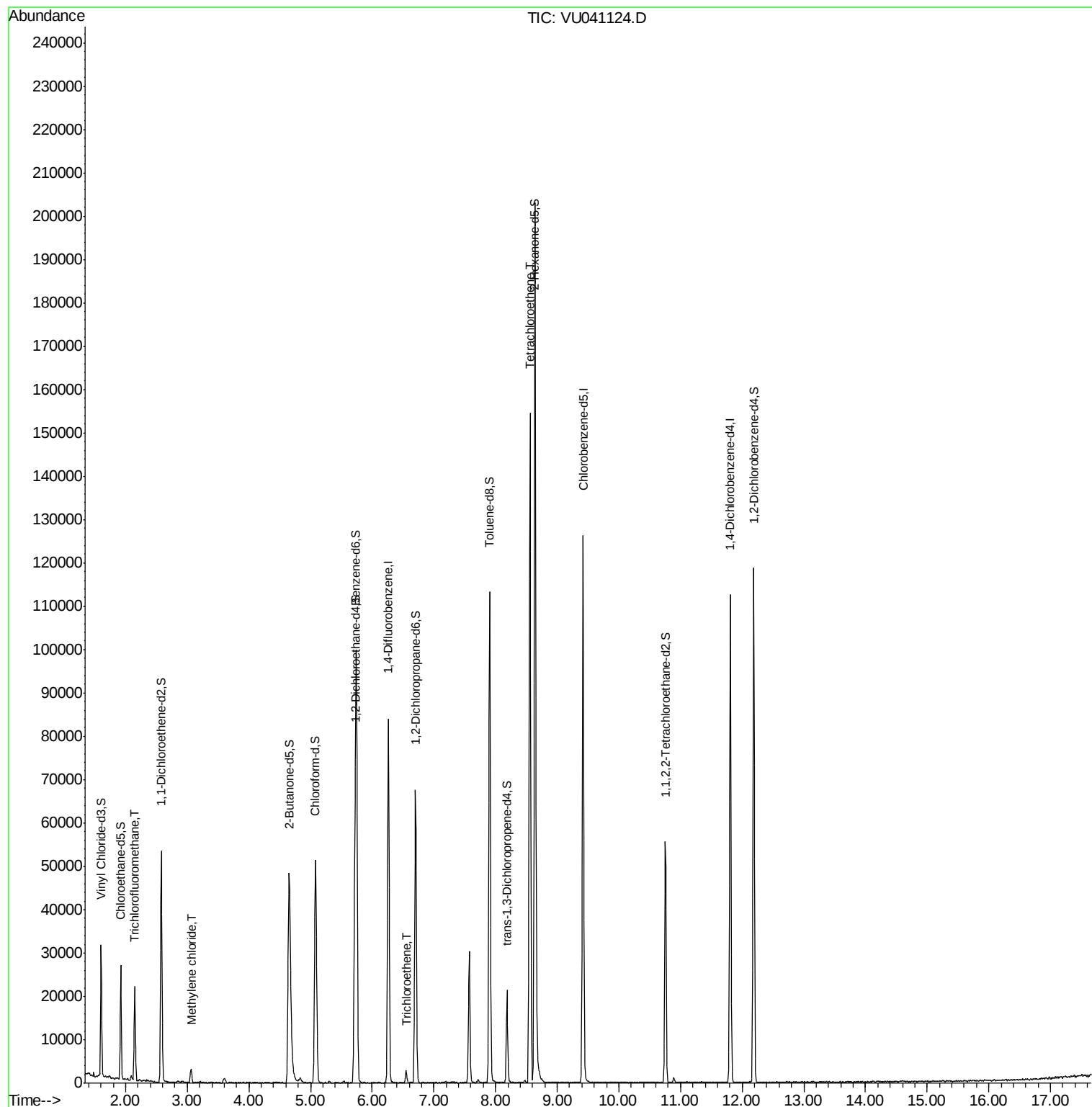
					Ovalue
9) Trichlorofluoromethane	2.15	101	13827	1.749 ug/L	99
16) Methylene chloride	3.06	84	1464	0.287 ug/L	95
34) Trichloroethene	6.56	95	913	0.183 ug/L	81
47) Tetrachloroethene	8.56	164	31446	8.578 ug/L	96

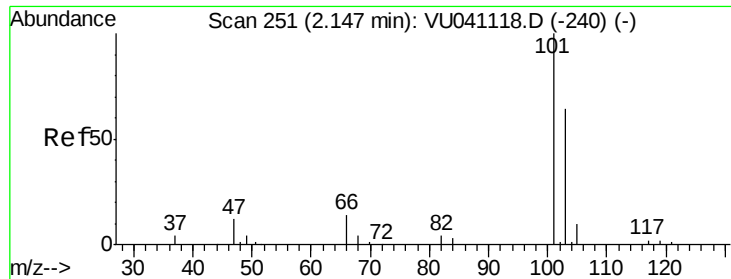
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.749 ug/L

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

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ClientSampleId :

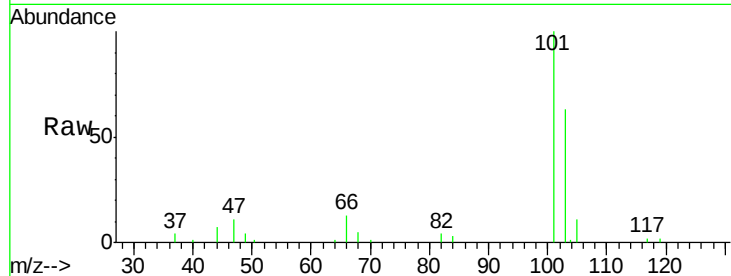
C0AA9DL

Tot Ion:101 Resp: 13827

Ion Ratio Lower Upper

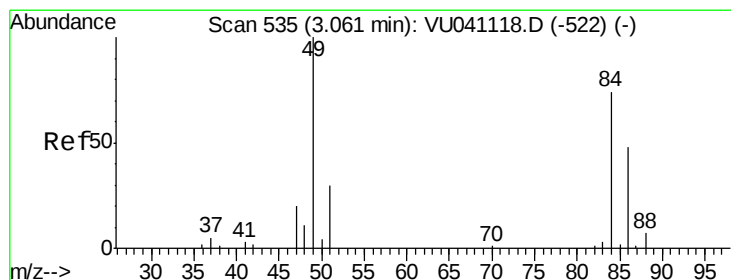
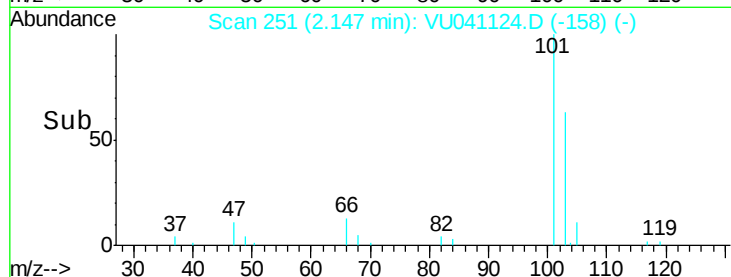
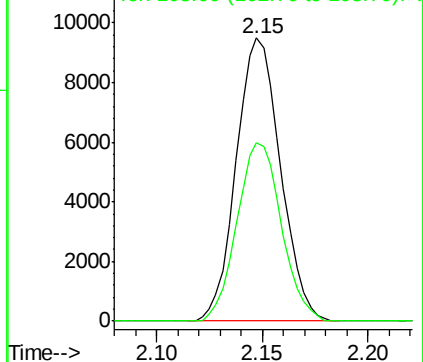
101 100

103 63.2 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#16

Methylene chloride

Concen: 0.287 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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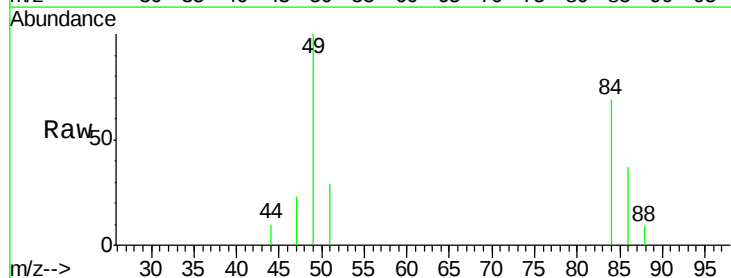
Tgt Ion: 84 Resp: 1464

Ion Ratio Lower Upper

84 100

86 53.5 42.8 79.6

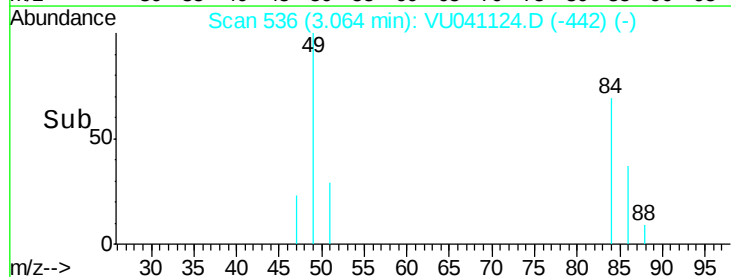
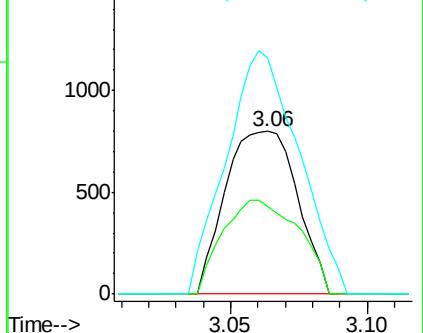
49 145.0 99.5 184.7

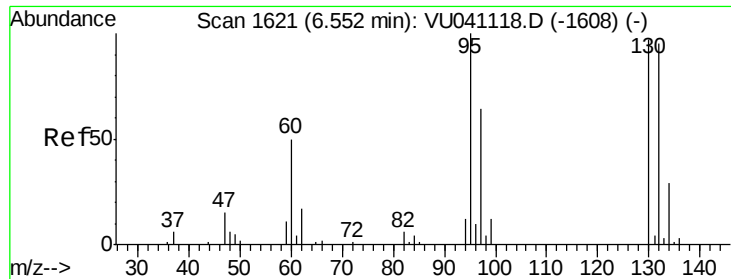


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#34

Trichloroethene

Concen: 0.183 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

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Acq: 06 Nov 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

C0AA9DL

Tot Ion: 95 Resp: 913

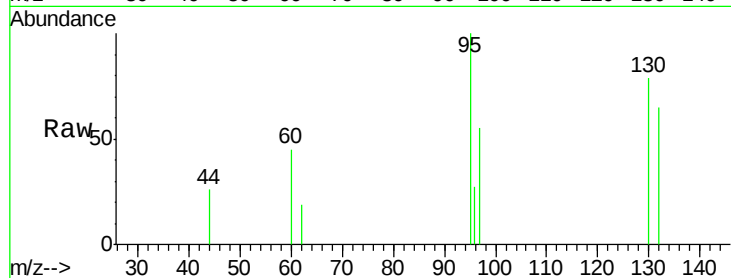
Ion Ratio Lower Upper

95 100

97 54.7 45.6 84.6

132 65.0 64.8 120.4

130 79.1 64.8 120.4

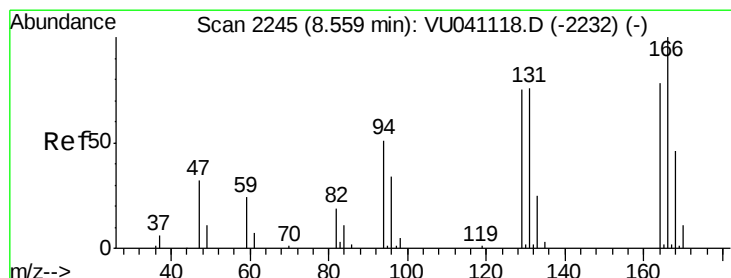
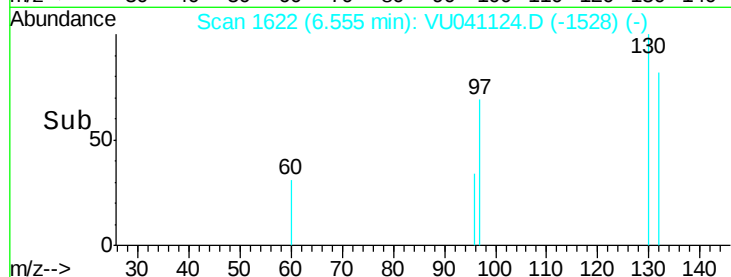
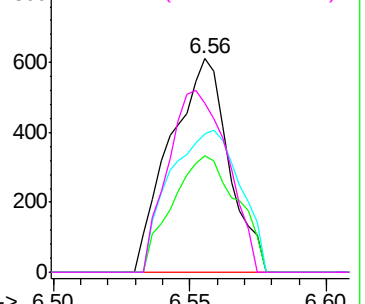


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 8.578 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU041124.D

Acq: 06 Nov 2020 19:45

Tgt Ion: 164 Resp: 31446

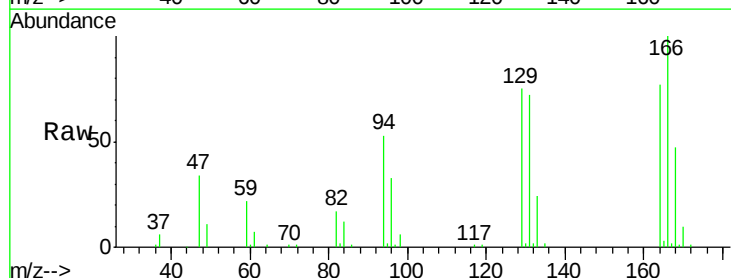
Ion Ratio Lower Upper

164 100

129 97.4 70.3 130.7

131 93.3 70.8 131.4

166 129.8 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

