

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041677.D
 Acq On : 18 Dec 2020 14:14
 Operator : SY/MD
 Sample : L5142-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZA9

Quant Time: Dec 19 08:46:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112635	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33229	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.92	69	31961	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	51517	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	140324	55.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.96%
24) Chloroform-d	5.08	84	70997	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	42389	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.74	84	140003	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	45582	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.90	98	124847	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.19	79	19317	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	124528	54.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46009	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	44915	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

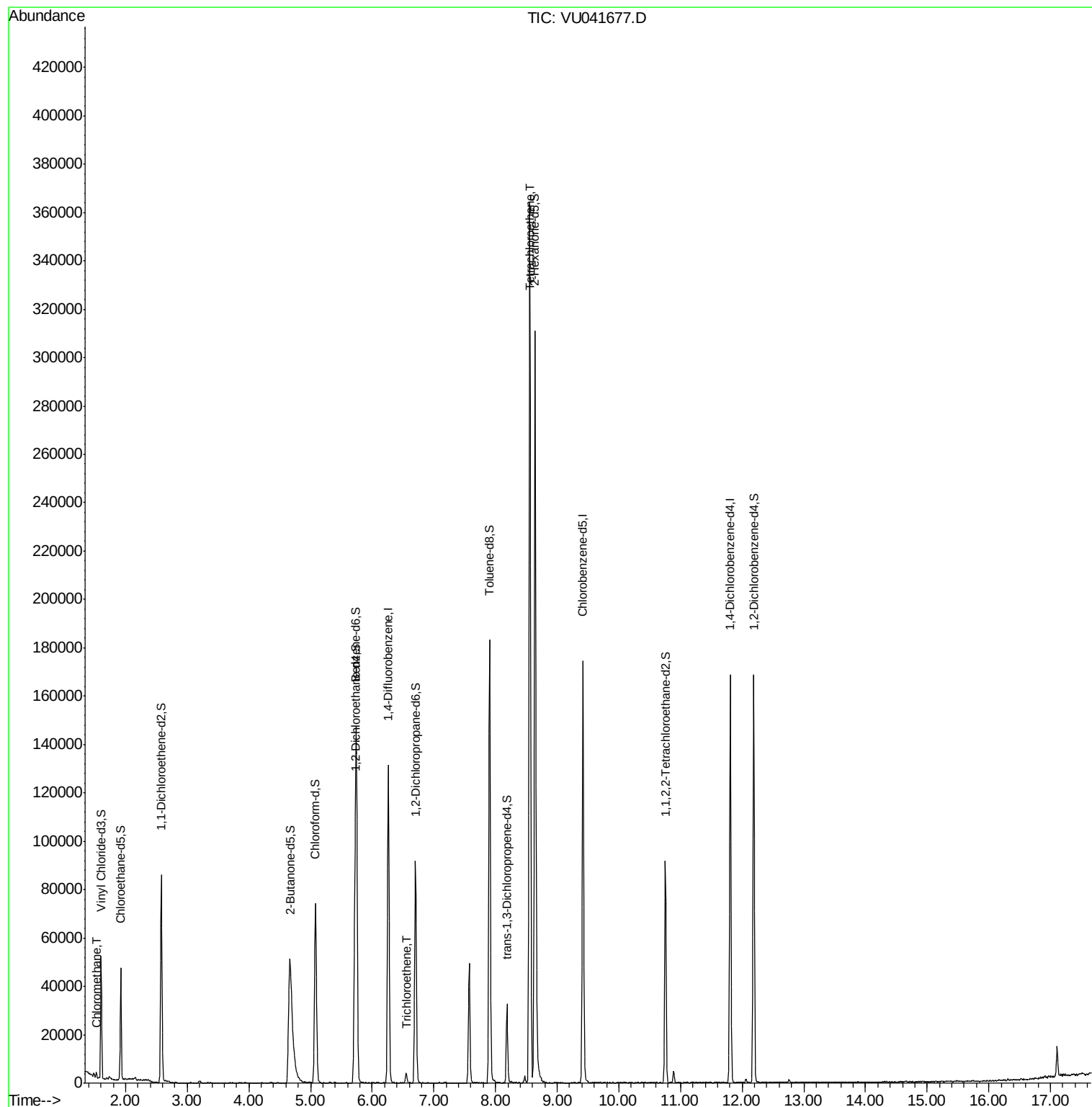
Target Compounds					Ovalue
3) Chloromethane	1.53	50	1555	0.168 ug/L	96
34) Trichloroethene	6.56	95	1455	0.176 ug/L #	89
47) Tetrachloroethene	8.56	164	84108	14.538 ug/L	98

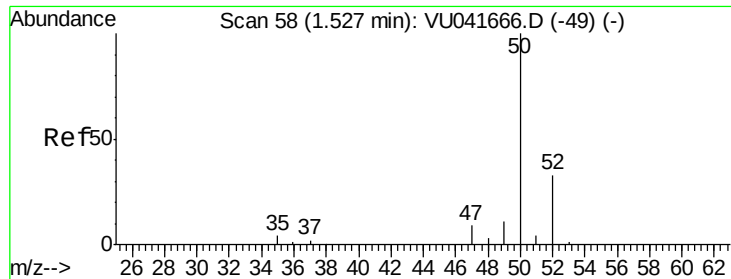
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.168 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041677.D

Acq: 18 Dec 2020 14:14

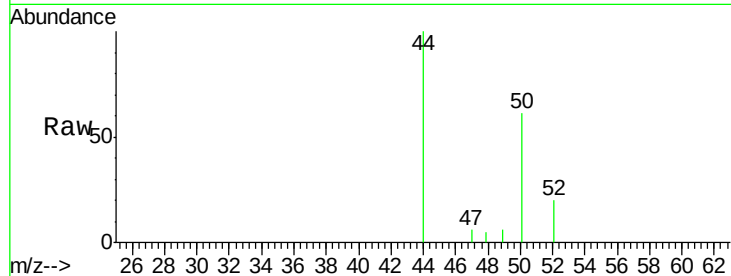
Instrument :
MSVOA_U
ClientSampleId :
ETZA9

Tot Ion: 50 Resp: 1555

Ion Ratio Lower Upper

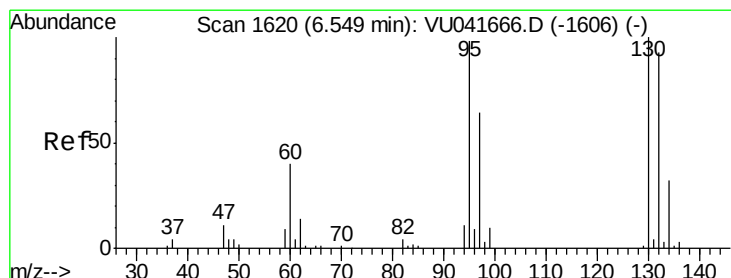
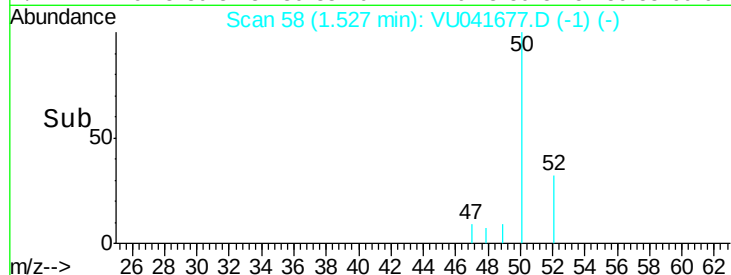
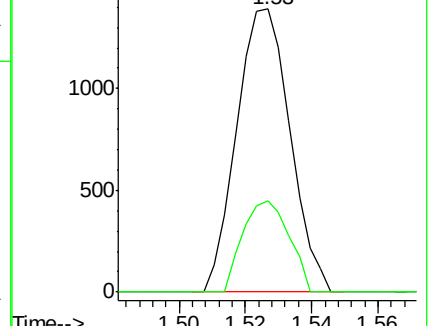
50 100

52 32.4 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#34

Trichloroethene

Concen: 0.176 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.01 min

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Acq: 18 Dec 2020 14:14

Tgt Ion: 95 Resp: 1455

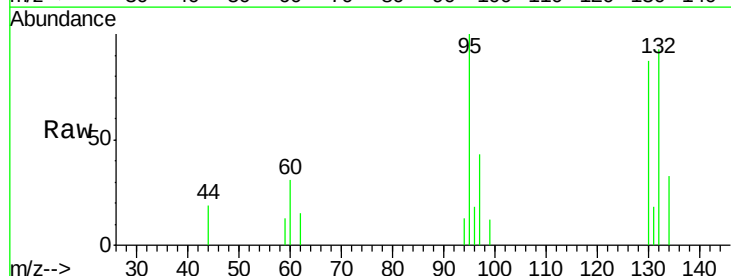
Ion Ratio Lower Upper

95 100

97 43.1 43.9 81.5#

132 93.4 63.1 117.3

130 86.7 67.4 125.2

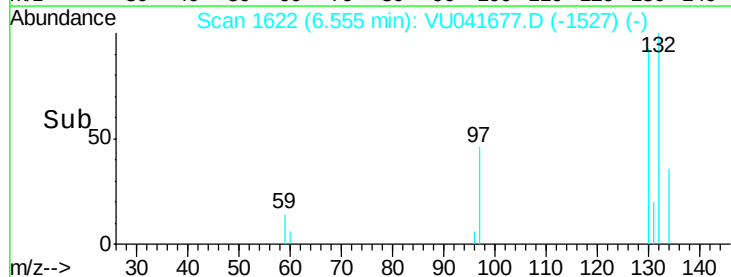
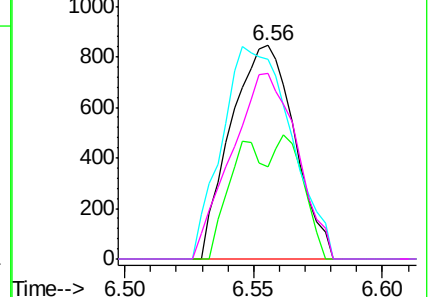


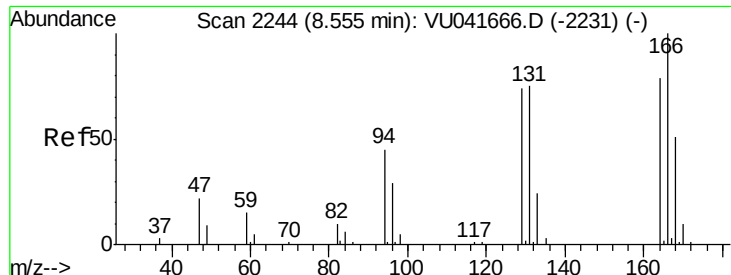
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 14.538 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041677.D

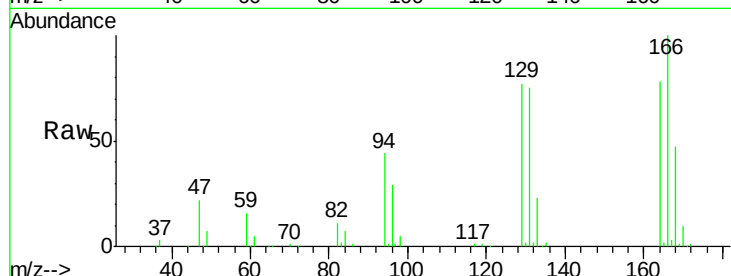
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Tot Ion:164 Resp: 84108

Ion Ratio Lower Upper

164 100

129 99.0 72.2 134.0

131 96.5 66.9 124.3

166 128.8 89.6 166.4

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

