

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041946.D
 Acq On : 12 Jan 2021 01:48
 Operator : SY/MD
 Sample : M1049-04DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ6DL

Quant Time: Jan 12 07:22:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45749	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.92	69	44526	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.58	63	67521	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.66	46	144295	56.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.52%
24) Chloroform-d	5.08	84	85879	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.72	65	49584	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.74	84	163436	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	53195	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.90	98	138684	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.19	79	21037	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.64	63	126879	60.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49564	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50199	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

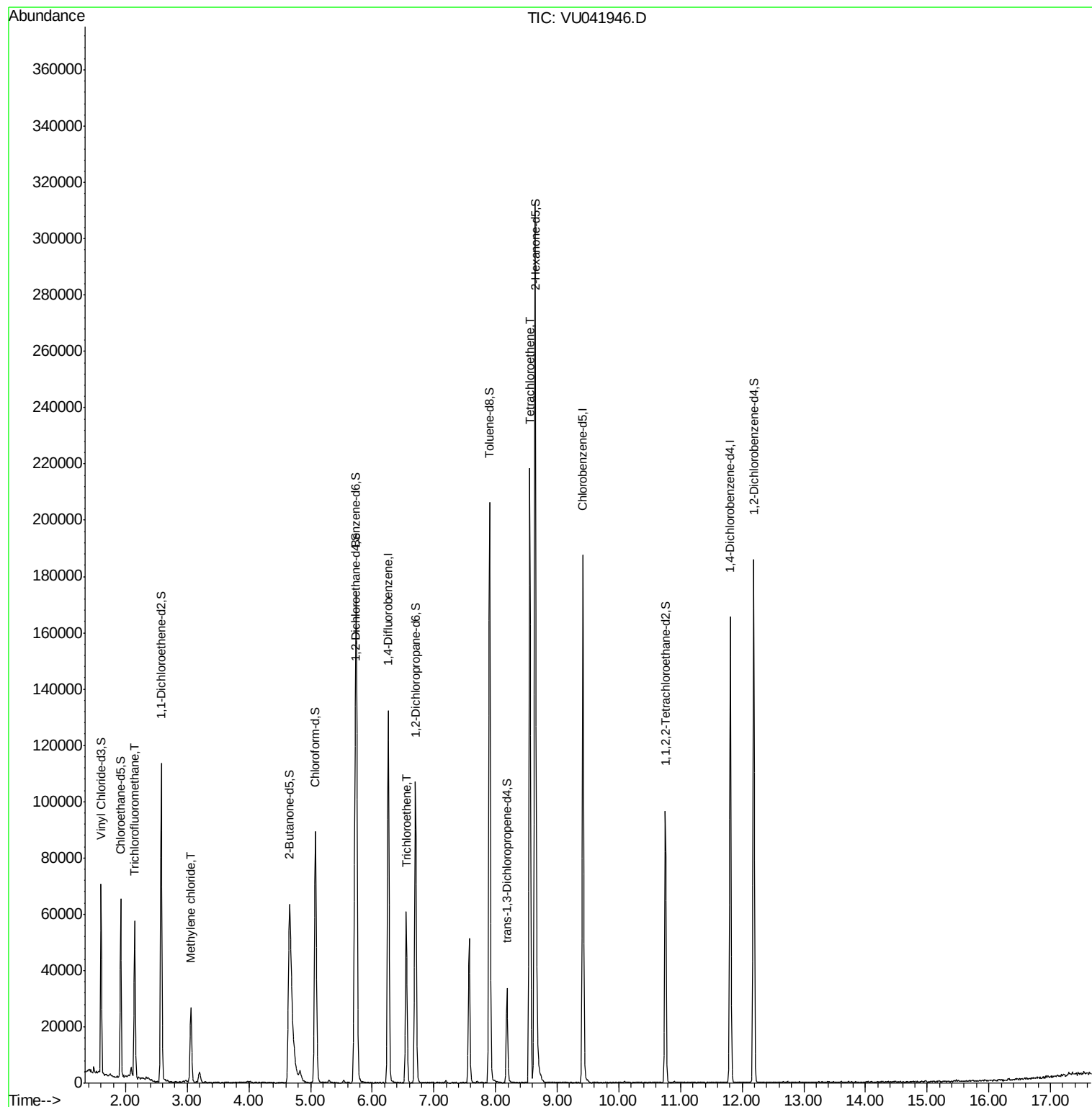
					Ovalue
9) Trichlorofluoromethane	2.15	101	35695	2.231 ug/L	97
16) Methylene chloride	3.06	84	12590	1.182 ug/L	96
34) Trichloroethene	6.55	95	21100	2.317 ug/L	95
47) Tetrachloroethene	8.56	164	48919	7.720 ug/L	97

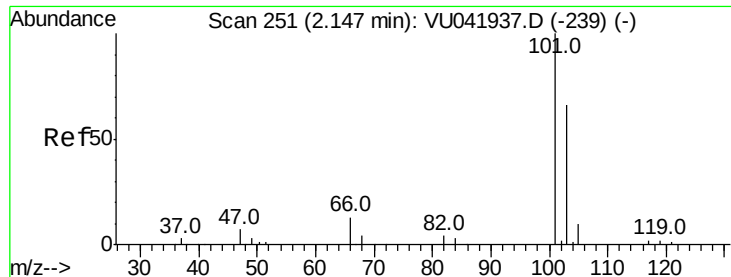
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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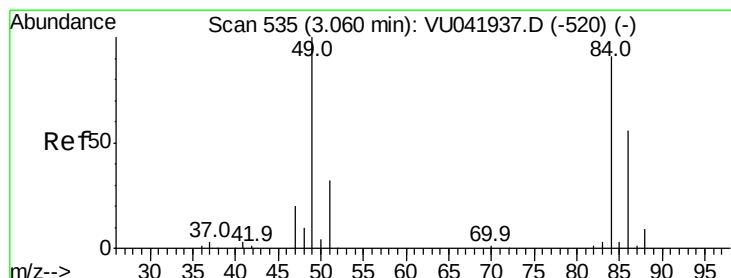
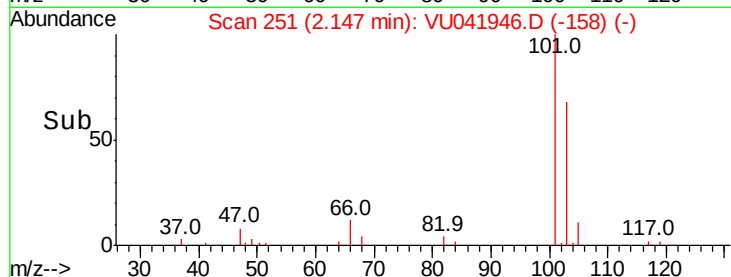
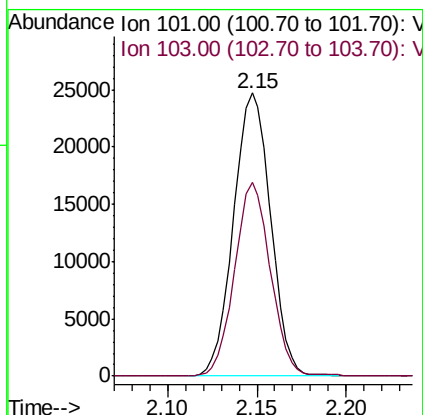
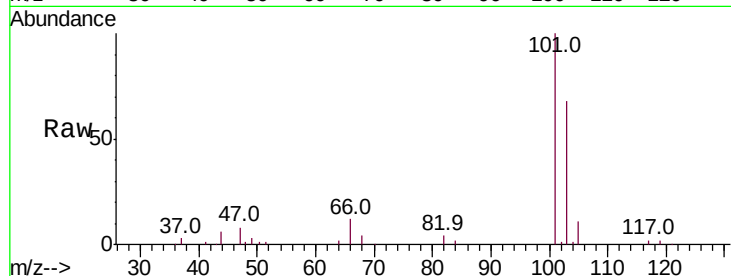


#9

Trichlorofluoromethane
Concen: 2.231 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041946.D
Acq: 12 Jan 2021 01:48

Instrument :
MSVOA_U
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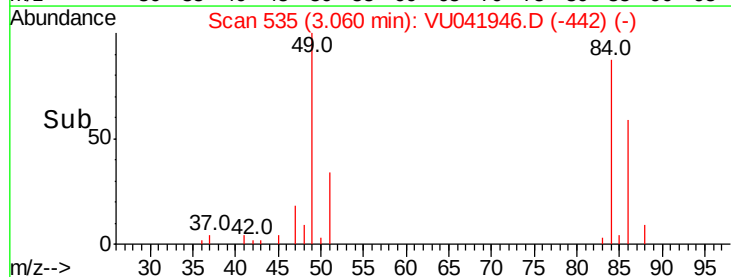
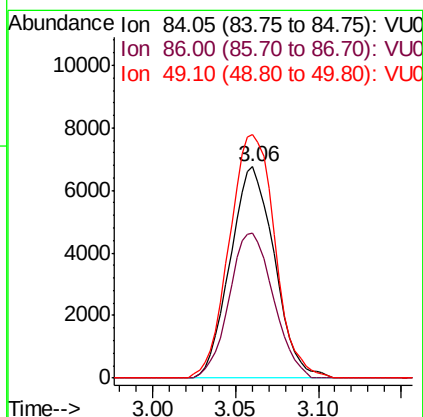
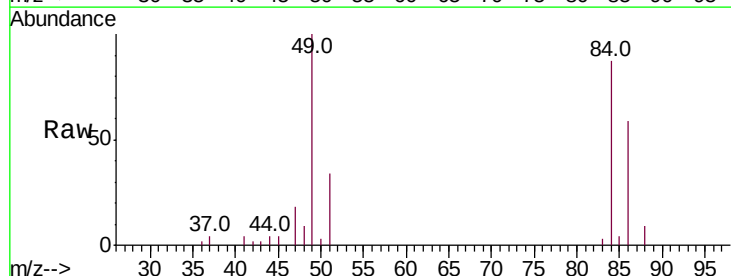
Tot Ion:101 Resp: 35695
Ion Ratio Lower Upper
101 100
103 66.2 51.3 76.9

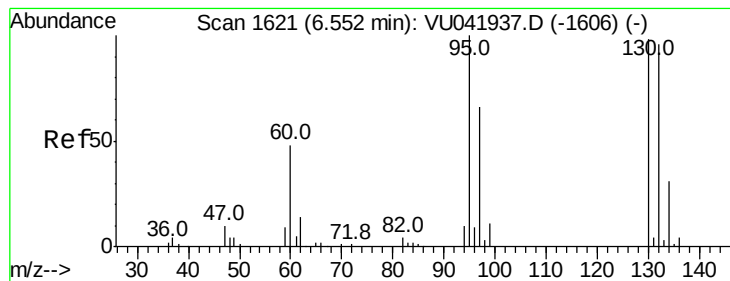


#16

Methylene chloride
Concen: 1.182 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041946.D
Acq: 12 Jan 2021 01:48

Tgt Ion: 84 Resp: 12590
Ion Ratio Lower Upper
84 100
86 68.6 43.5 80.7
49 115.4 81.8 151.8





#34

Trichloroethene

Concen: 2.317 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041946.D

Acq: 12 Jan 2021 01:48

Instrument :

MSVOA_U

ClientSampleId :

C0AQ6DL

Tot Ion: 95 Resp: 21100

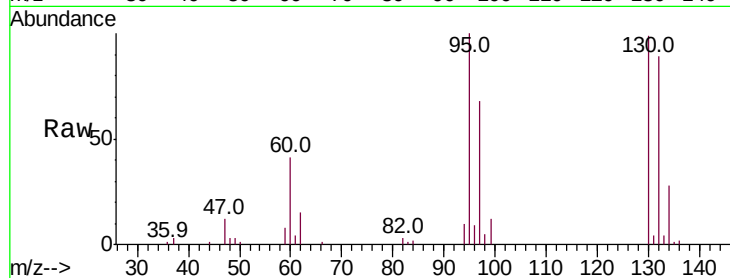
Ion Ratio Lower Upper

95 100

97 67.8 45.2 84.0

132 88.8 68.7 127.5

130 99.2 68.0 126.4

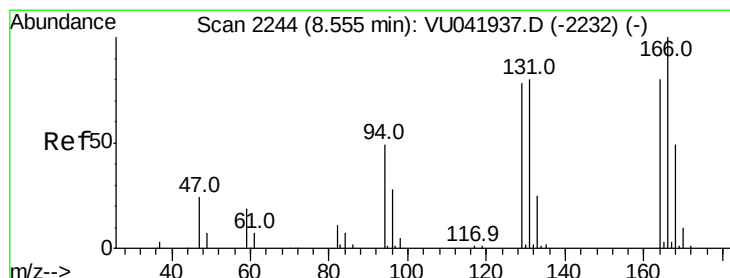
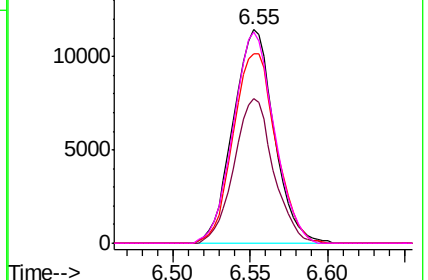
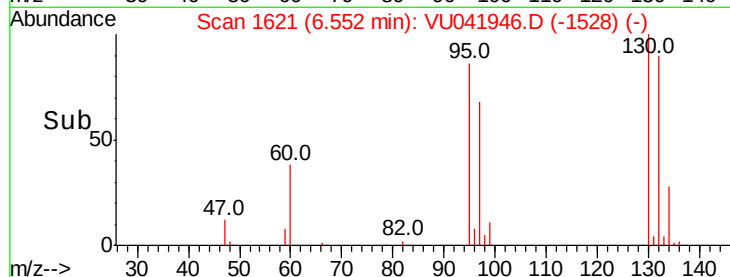


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.720 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041946.D

Acq: 12 Jan 2021 01:48

Tgt Ion:164 Resp: 48919

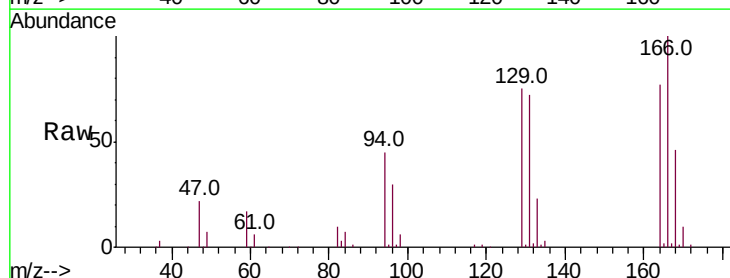
Ion Ratio Lower Upper

164 100

129 96.7 69.2 128.6

131 93.0 69.7 129.5

166 129.5 89.2 165.8



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

