

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041766.D
 Acq On : 23 Dec 2020 01:12
 Operator : SY/MD
 Sample : L5185-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S0DL

Quant Time: Dec 23 07:10:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33655	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.92	69	38773	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	59724	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	158277	55.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.50%
24) Chloroform-d	5.08	84	84140	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	49042	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	158469	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	52322	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	128237	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.19	79	20878	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.64	63	140933	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54386	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51932	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

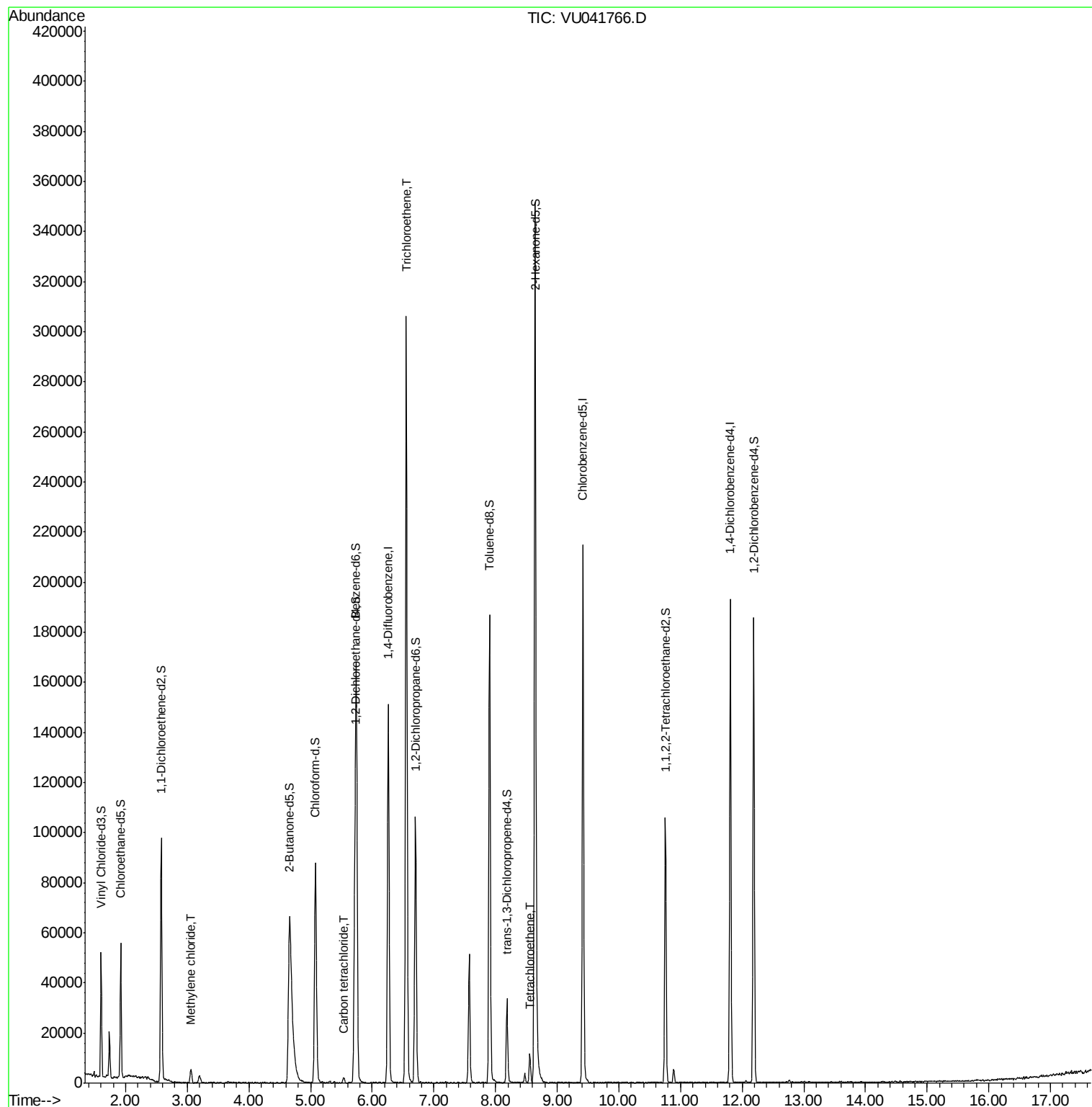
					Ovalue
16) Methylene chloride	3.06	84	2956	0.286 ug/L	86
31) Carbon tetrachloride	5.53	117	1396	0.114 ug/L	100
34) Trichloroethene	6.55	95	106027	10.720 ug/L	97
47) Tetrachloroethene	8.55	164	2817	0.407 ug/L	85

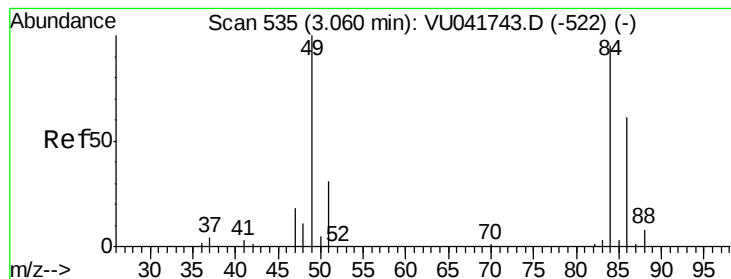
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041766.D
Acq On : 23 Dec 2020 01:12
Operator : SY/MD
Sample : L5185-03DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG4S0DL

Quant Time: Dec 23 07:10:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.286 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041766.D

Acq: 23 Dec 2020 01:12

Instrument :

MSVOA_U

ClientSampleId :

BG4S0DL

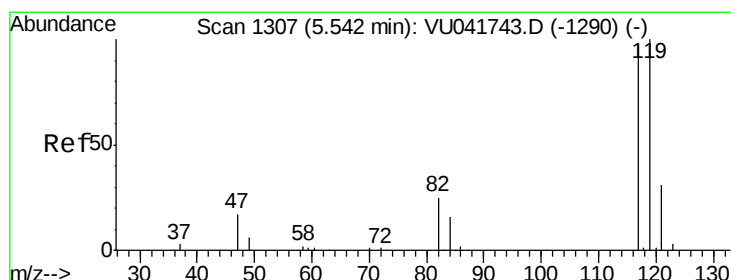
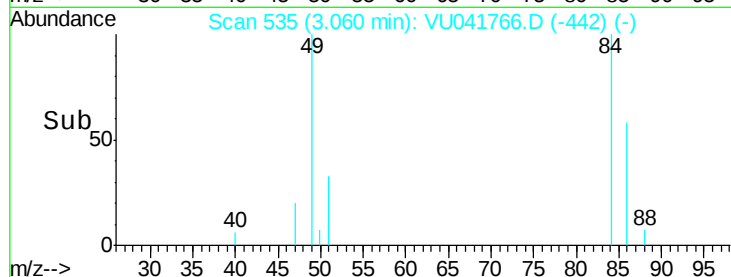
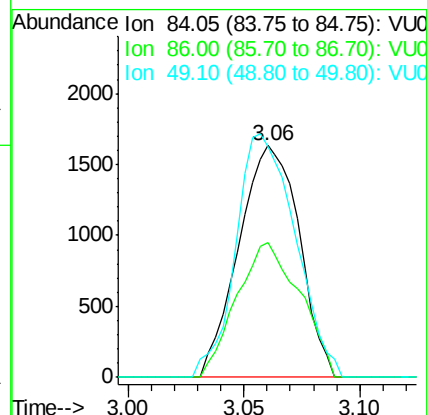
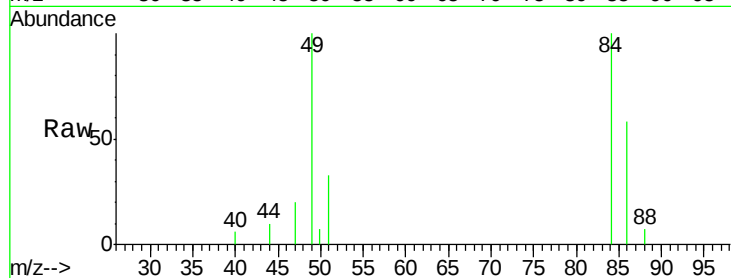
Tot Ion: 84 Resp: 2956

Ion Ratio Lower Upper

84 100

86 58.2 45.1 83.7

49 99.6 83.1 154.3



#31

Carbon tetrachloride

Concen: 0.114 ug/L

RT: 5.53 min Scan# 1304

Delta R.T. -0.01 min

Lab File: VU041766.D

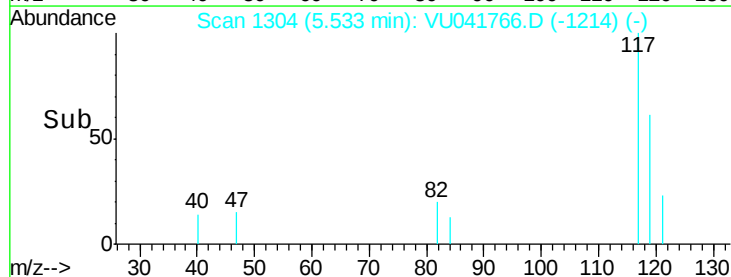
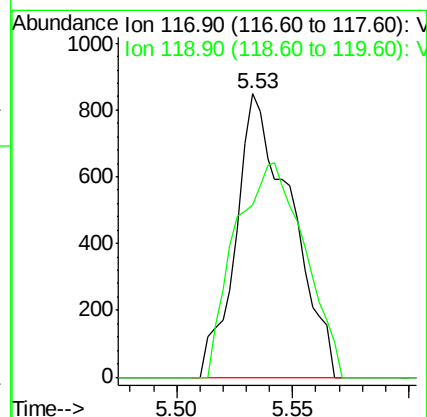
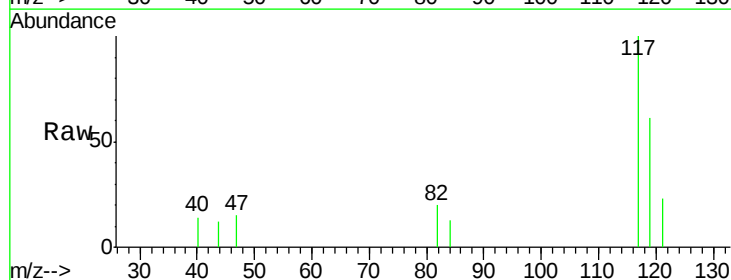
Acq: 23 Dec 2020 01:12

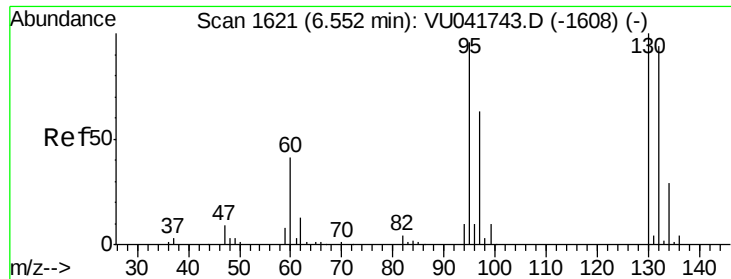
Tgt Ion: 117 Resp: 1396

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.2

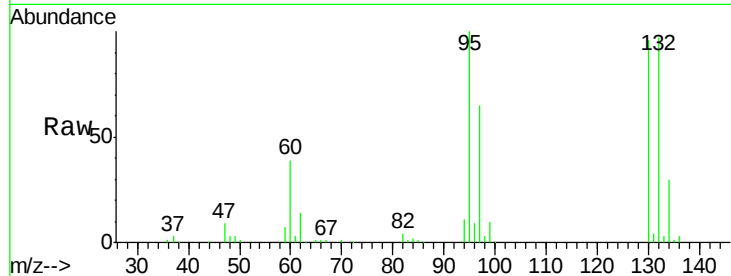




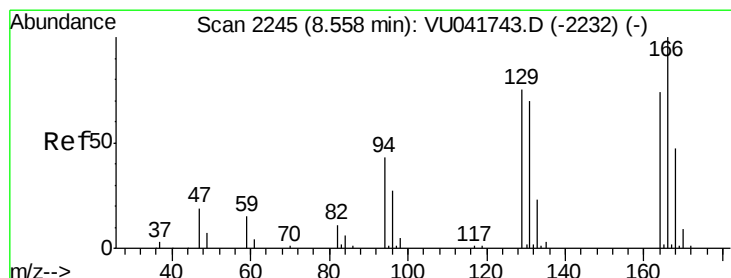
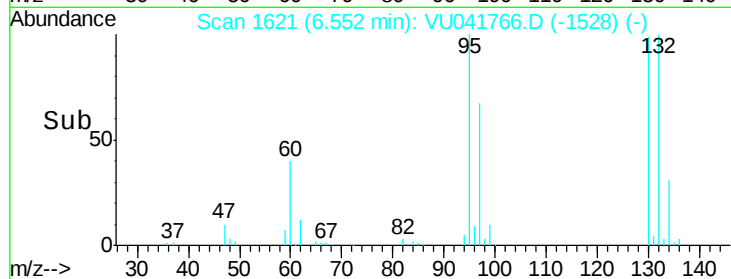
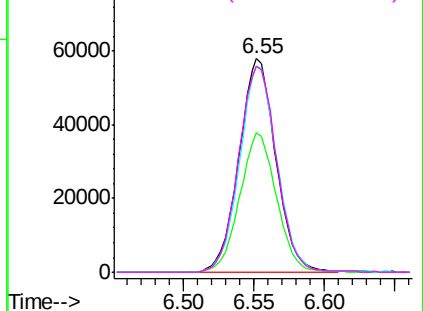
#34
 Trichloroethene
 Concen: 10.720 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041766.D
 Acq: 23 Dec 2020 01:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S0DL

Tot Ion: 95 Resp: 106027
 Ion Ratio Lower Upper
 95 100
 97 65.0 43.9 81.5
 132 96.7 63.1 117.3
 130 96.3 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: 0.407 ug/L
 RT: 8.55 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: VU041766.D
 Acq: 23 Dec 2020 01:12

Tgt Ion: 164 Resp: 2817
 Ion Ratio Lower Upper
 164 100
 129 88.9 72.2 134.0
 131 77.0 66.9 124.3
 166 113.0 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

