

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041631.D
 Acq On : 15 Dec 2020 13:09
 Operator : SY/MD
 Sample : L5029-04 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K4

Quant Time: Dec 16 03:10:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 02:41:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27950	2.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.60%
7) Chloroethane-d5	1.92	69	30343	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.58	63	46227	2.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.00%#
20) 2-Butanone-d5	4.66	46	125460	42.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.36%
24) Chloroform-d	5.08	84	72693	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.71	65	43252	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.74	84	140555	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	6.70	67	46041	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.90	98	119182	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	8.18	79	18740	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	8.64	63	102063	35.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45352	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	48329	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

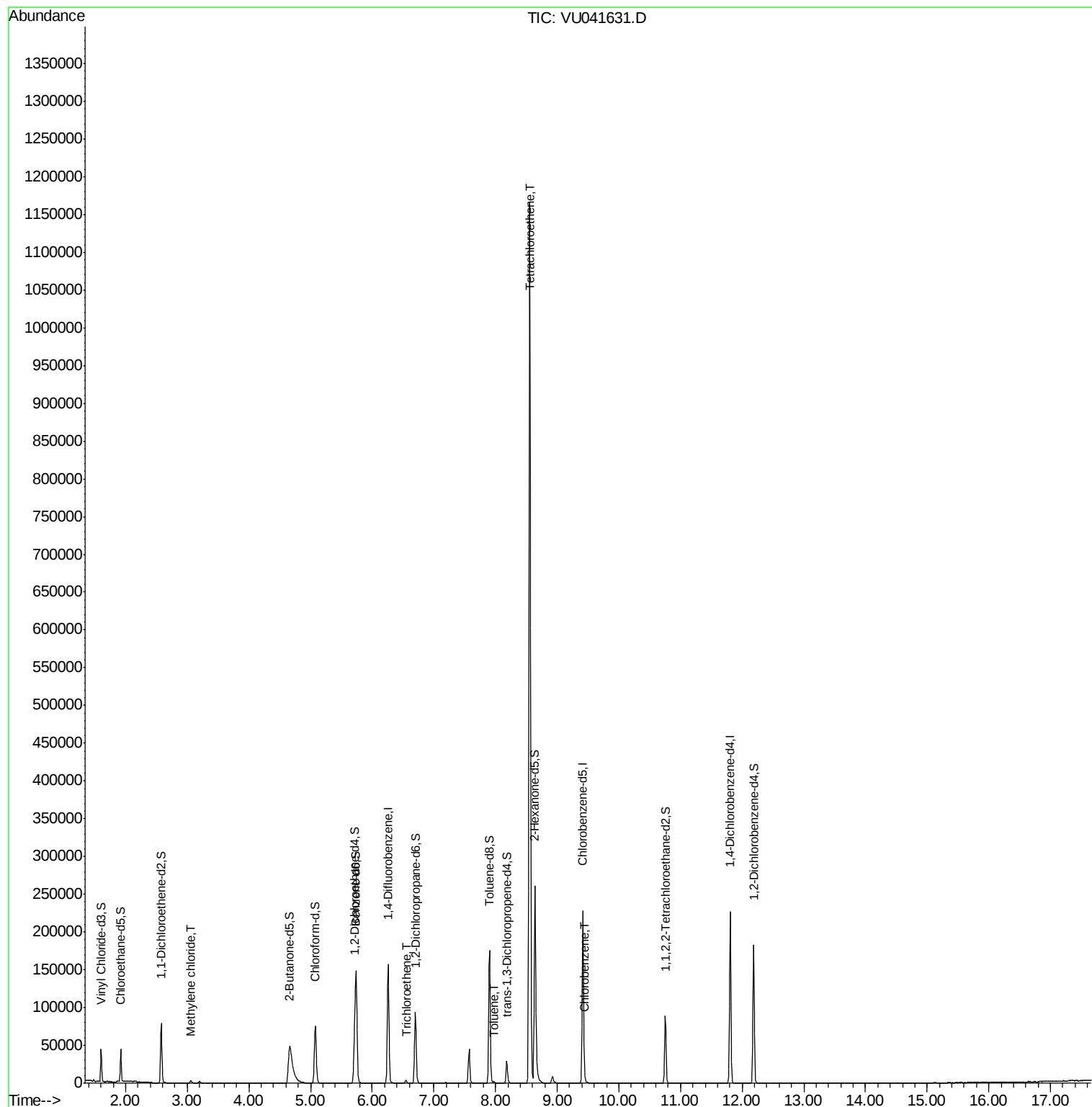
					Ovalue
16) Methylene chloride	3.06	84	1572	0.148 ug/L	76
34) Trichloroethene	6.56	95	1104	0.106 ug/L	96
42) Toluene	7.97	91	1582	0.037 ug/L	96
47) Tetrachloroethene	8.56	164	261389	35.744 ug/L	97
51) Chlorobenzene	9.45	112	2033	0.076 ug/L #	84

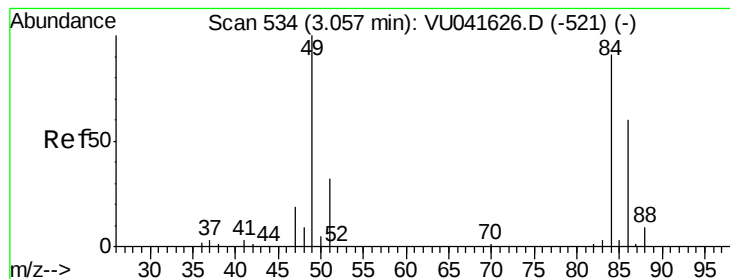
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.148 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041631.D

Acq: 15 Dec 2020 13:09

Instrument :

MSVOA_U

ClientSampleId :

GB1K4

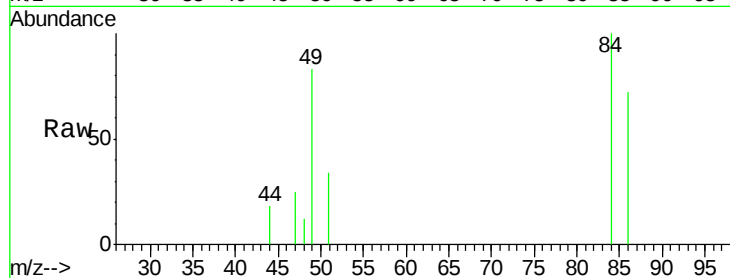
Tot Ion: 84 Resp: 1572

Ion Ratio Lower Upper

84 100

86 71.9 45.1 83.7

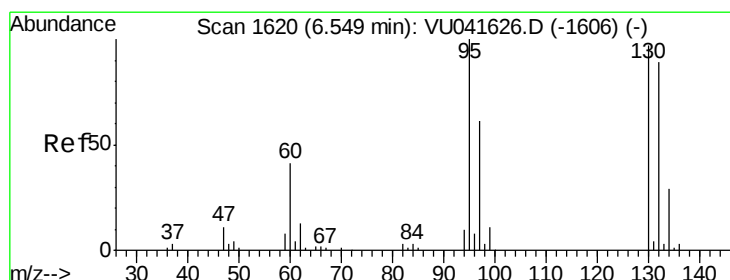
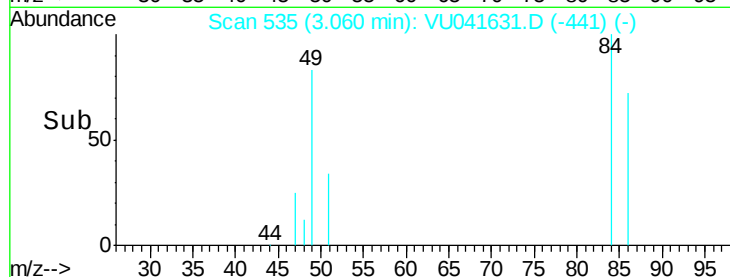
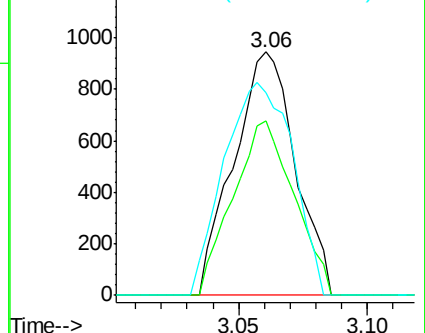
49 83.5 83.1 154.3



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: 0.106 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.01 min

Lab File: VU041631.D

Acq: 15 Dec 2020 13:09

Tgt Ion: 95 Resp: 1104

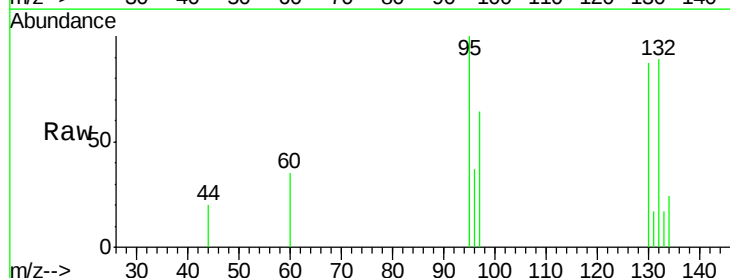
Ion Ratio Lower Upper

95 100

97 63.7 43.9 81.5

132 89.4 63.1 117.3

130 86.7 67.4 125.2

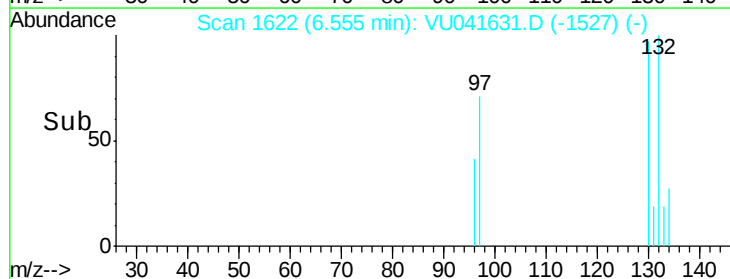
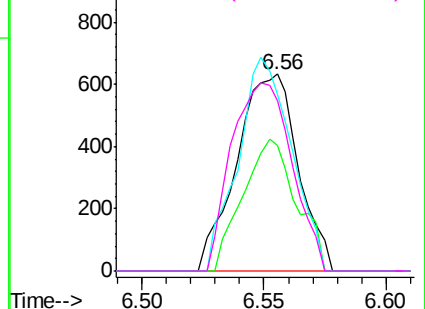


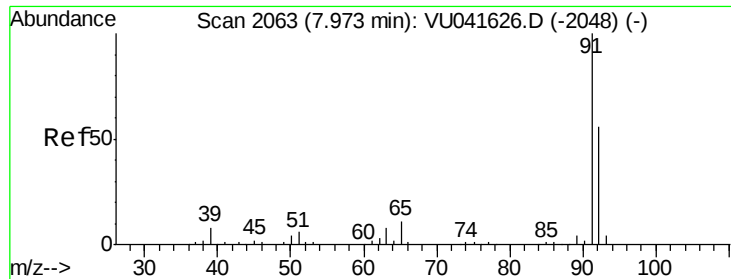
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 0.037 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041631.D

Acq: 15 Dec 2020 13:09

Instrument :

MSVOA_U

ClientSampleId :

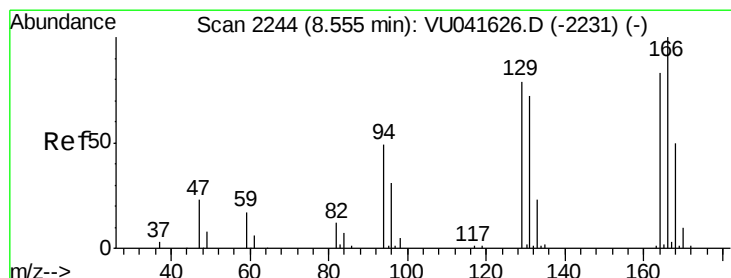
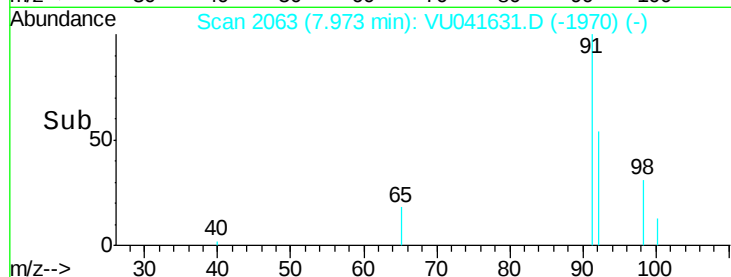
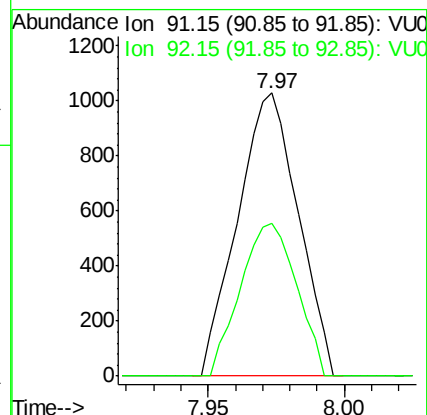
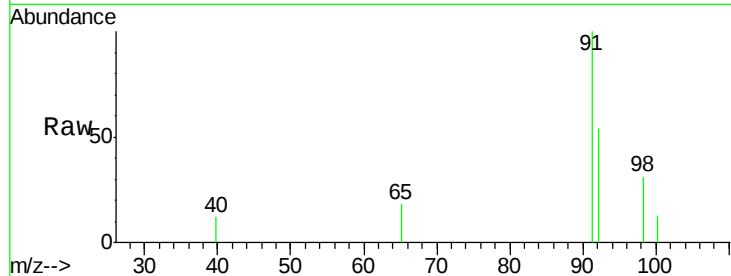
GB1K4

Tot Ion: 91 Resp: 1582

Ion Ratio Lower Upper

91 100

92 54.2 40.0 74.2



#47

Tetrachloroethene

Concen: 35.744 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041631.D

Acq: 15 Dec 2020 13:09

Tgt Ion: 164 Resp: 261389

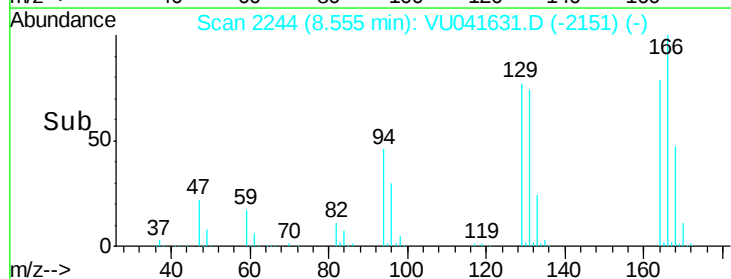
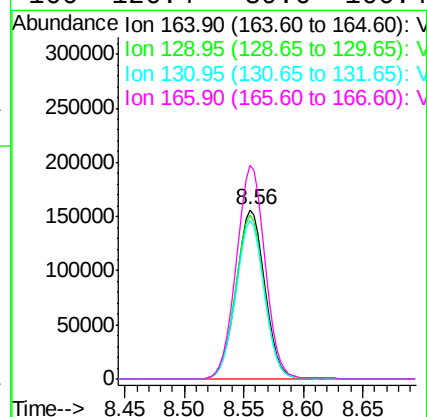
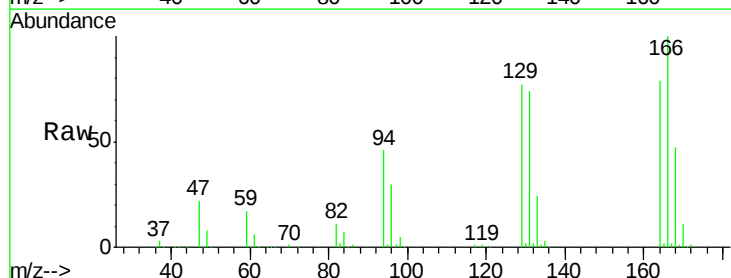
Ion Ratio Lower Upper

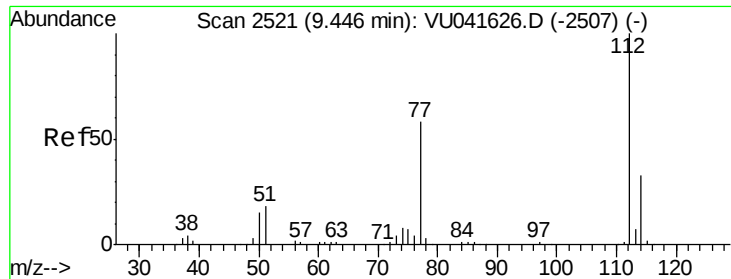
164 100

129 96.9 72.2 134.0

131 93.7 66.9 124.3

166 126.4 89.6 166.4





#51
Chlorobenzene
Concen: 0.076 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041631.D
Acq: 15 Dec 2020 13:09

Instrument :
MSVOA_U
ClientSampleId :
GB1K4

Tot Ion:112 Resp: 2033
Ion Ratio Lower Upper
112 100
114 26.8 22.7 42.3
77 47.0 49.1 73.7#

