

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041944.D
 Acq On : 12 Jan 2021 01:00
 Operator : SY/MD
 Sample : M1049-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ4DL

Quant Time: Jan 12 07:16:34 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	100918	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42894	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.92	69	42235	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	61683	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.66	46	138232	58.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.96%
24) Chloroform-d	5.08	84	78848	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	47416	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.74	84	149280	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.70	67	49994	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.90	98	125932	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	19168	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.64	63	119266	61.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46058	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45412	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

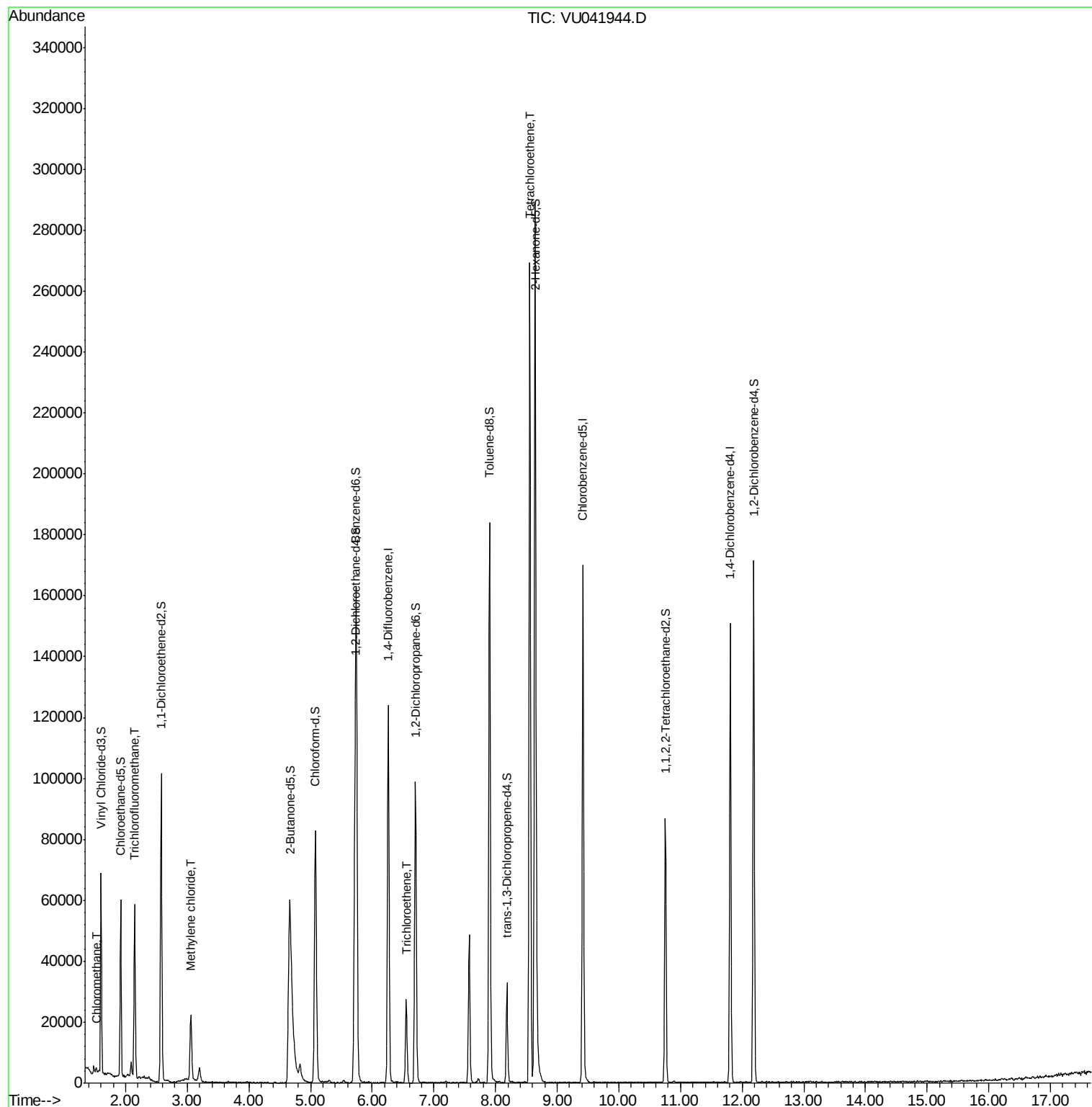
					Ovalue
3) Chloromethane	1.52	50	663	0.062 ug/L	89
9) Trichlorofluoromethane	2.15	101	35345	2.376 ug/L	96
16) Methylene chloride	3.06	84	10839	1.095 ug/L	96
34) Trichloroethene	6.55	95	9704	1.161 ug/L	92
47) Tetrachloroethene	8.56	164	59004	10.144 ug/L	97

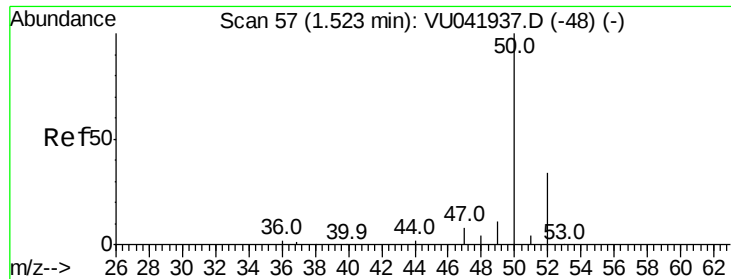
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.062 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041944.D

Acq: 12 Jan 2021 01:00

Instrument :

MSVOA_U

ClientSampleId :

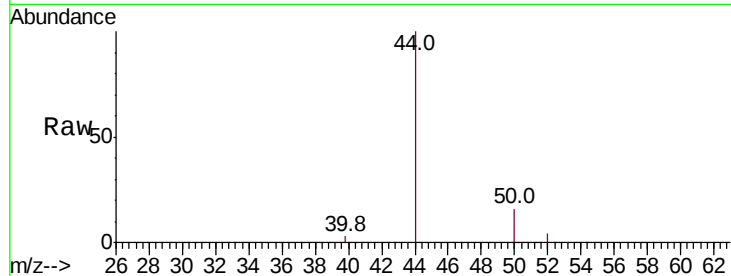
C0AQ4DL

Tot Ion: 50 Resp: 663

Ion Ratio Lower Upper

50 100

52 24.8 21.4 39.8



Abundance Ion 50.05 (49.75 to 50.75): VU041937.D (-48) (-)

Ion 52.05 (51.75 to 52.75): VU041937.D (-48) (-)

1.52

600

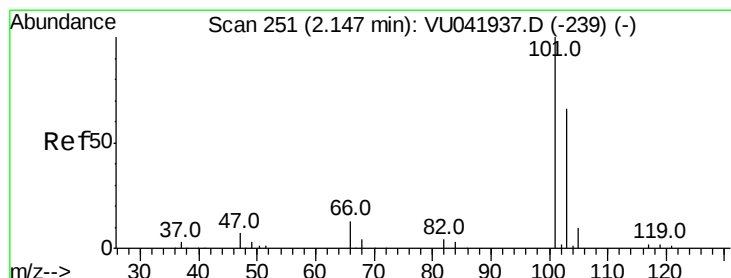
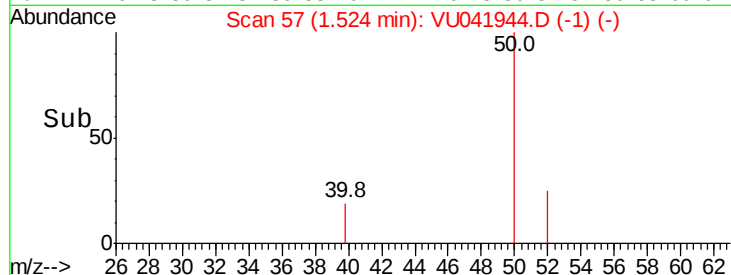
400

200

0

1.50 1.52 1.54

Time-->



#9

Trichlorofluoromethane

Concen: 2.376 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041944.D

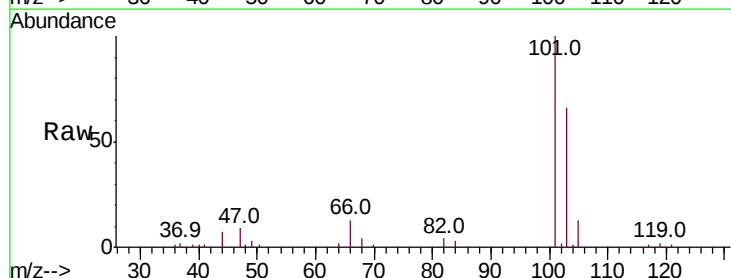
Acq: 12 Jan 2021 01:00

Tgt Ion:101 Resp: 35345

Ion Ratio Lower Upper

101 100

103 67.1 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU041937.D (-239) (-)

Ion 103.00 (102.70 to 103.70): VU041937.D (-239) (-)

2.15

25000

20000

15000

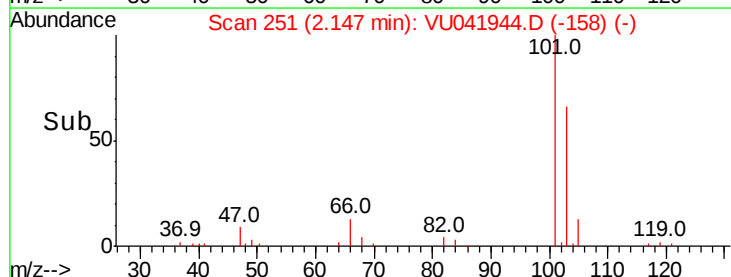
10000

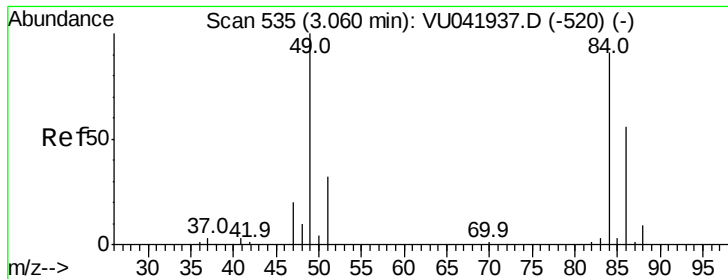
5000

0

2.10 2.15 2.20

Time-->

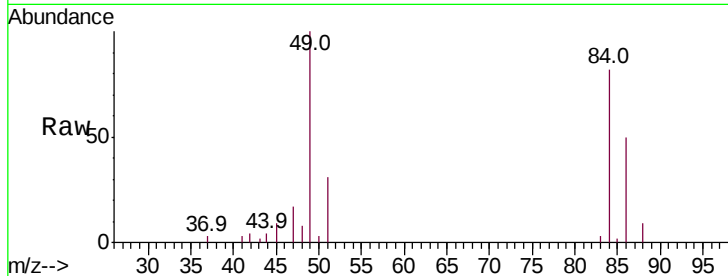




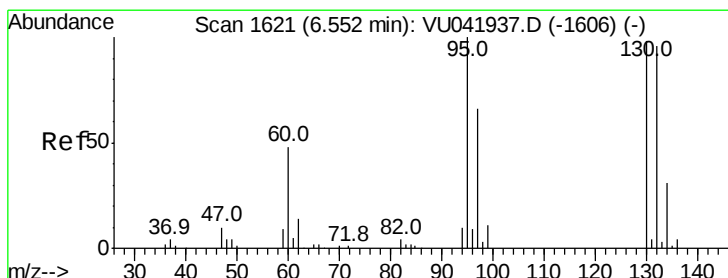
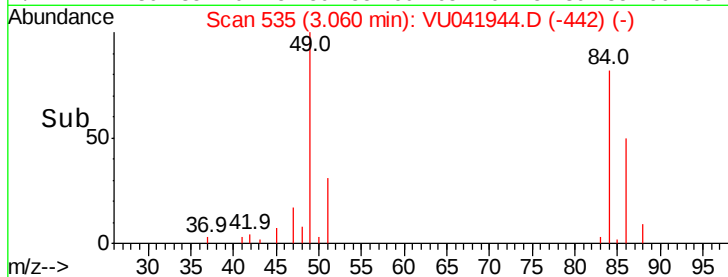
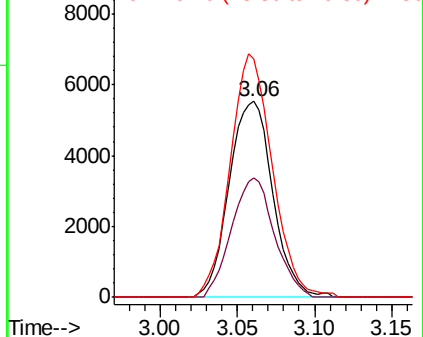
#16
Methvlene chloride
Concen: 1.095 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041944.D
Acq: 12 Jan 2021 01:00

Instrument :
MSVOA_U
ClientSampleId :
C0AQ4DL

Tot Ion: 84 Resp: 10839
Ion Ratio Lower Upper
84 100
86 61.1 43.5 80.7
49 122.0 81.8 151.8

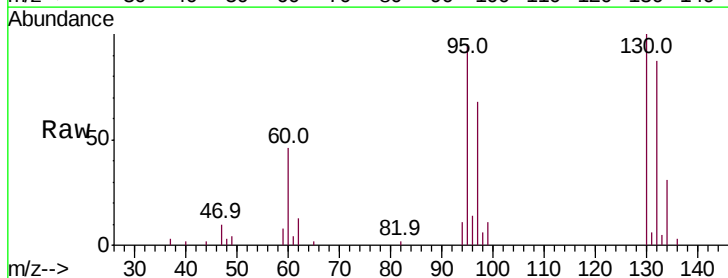


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

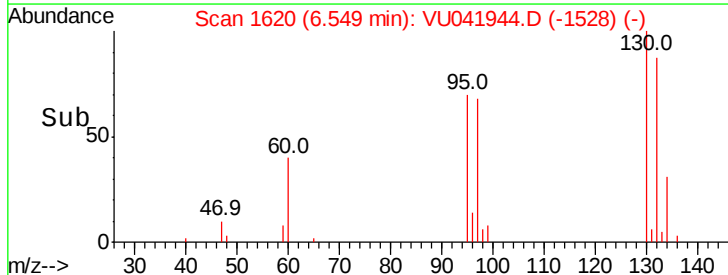
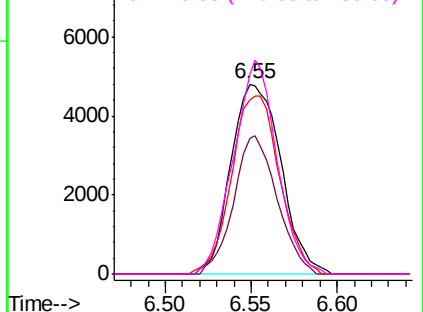


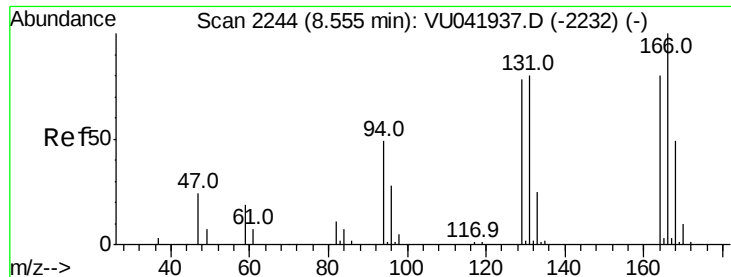
#34
Trichloroethene
Concen: 1.161 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041944.D
Acq: 12 Jan 2021 01:00

Tgt Ion: 95 Resp: 9704
Ion Ratio Lower Upper
95 100
97 71.7 45.2 84.0
132 91.8 68.7 127.5
130 105.0 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: 10.144 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041944.D

Acq: 12 Jan 2021 01:00

Instrument :

MSVOA_U

ClientSampleId :

C0AQ4DL

Tot Ion:164 Resp: 59004

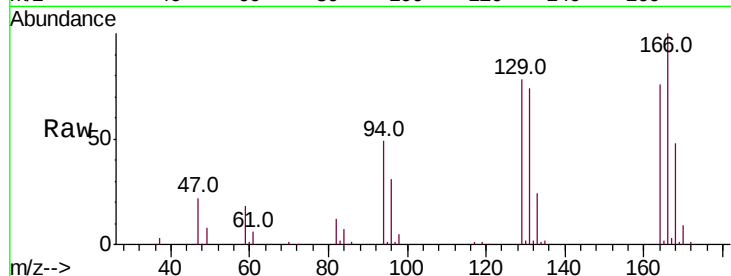
Ion Ratio Lower Upper

164 100

129 102.3 69.2 128.6

131 97.5 69.7 129.5

166 131.1 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

