

Data File : VU041100.D
Acq On : 04 Nov 2020 13:50
Operator : SY/MD
Sample : L4575-05DL 2X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA4DL

Quant Time: Nov 05 01:47:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	47345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15940	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.92	69	13347	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.58	63	23568	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.65	46	77463	59.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.28%
24) Chloroform-d	5.08	84	34488	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	22664	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	59600	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	22318	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	46860	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	8653	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	54722	54.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20645	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	19090	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

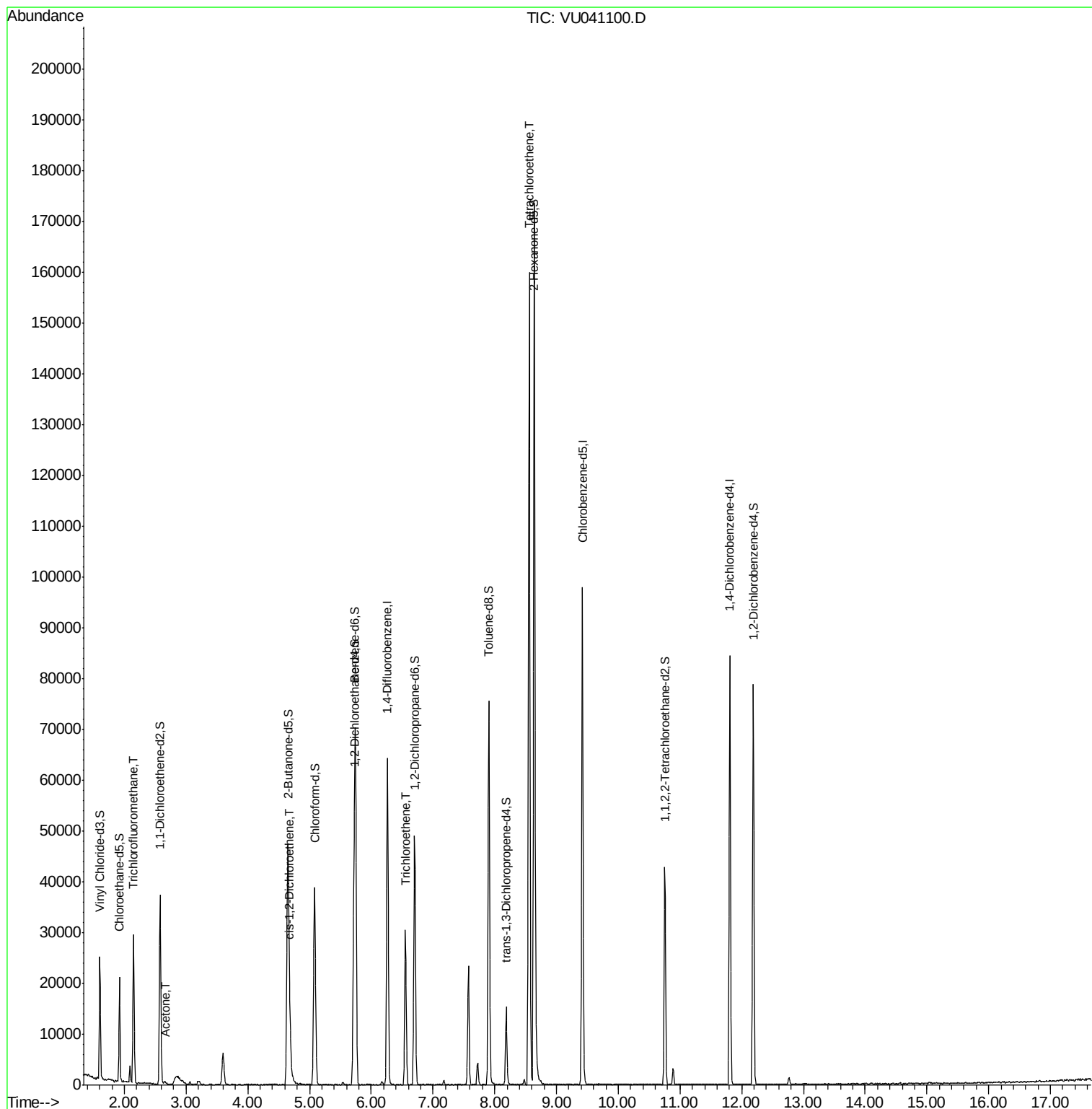
					Qvalue
9) Trichlorofluoromethane	2.15	101	18403	3.045	ug/L 100
13) Acetone	2.65	43	1067	1.192	ug/L 93
22) cis-1,2-Dichloroethene	4.69	96	1016	0.290	ug/L 100
34) Trichloroethene	6.56	95	10139	2.701	ug/L 97
47) Tetrachloroethene	8.56	164	31704	11.488	ug/L 98

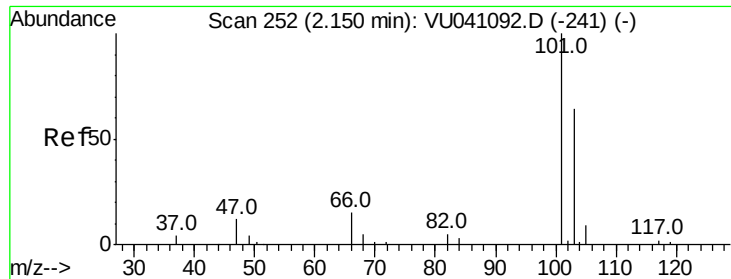
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.045 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

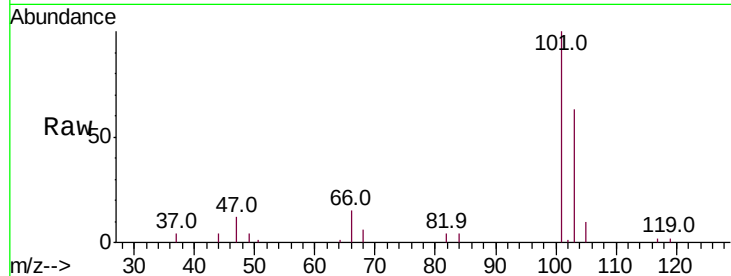
C0AA4DL

Tgt Ion:101 Resp: 18403

Ion Ratio Lower Upper

101 100

103 63.9 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.15

15000

10000

5000

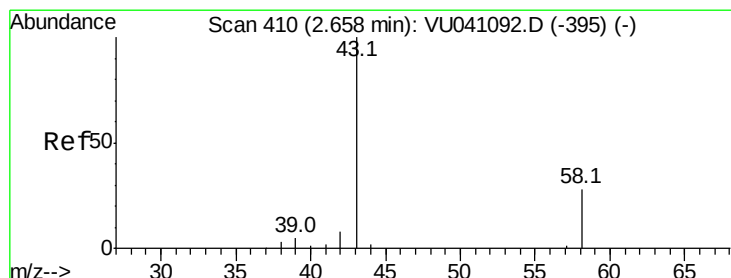
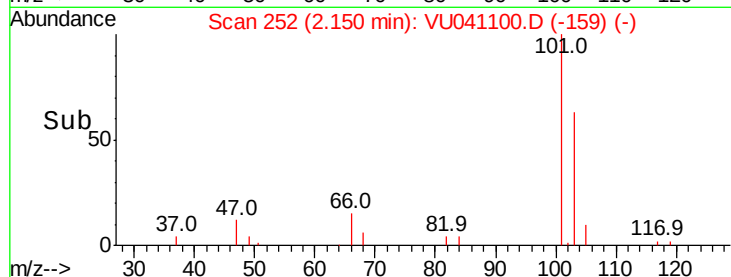
0

Time-->

2.10

2.15

2.20



#13

Acetone

Concen: 1.192 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU041100.D

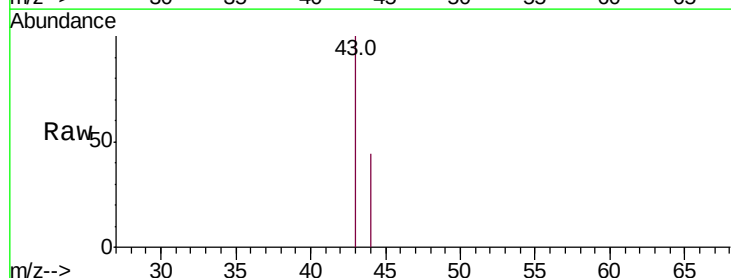
Acq: 04 Nov 2020 13:50

Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

58 9.7 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.65

500

400

300

200

100

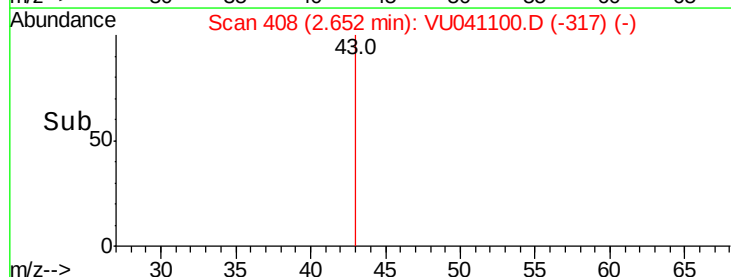
0

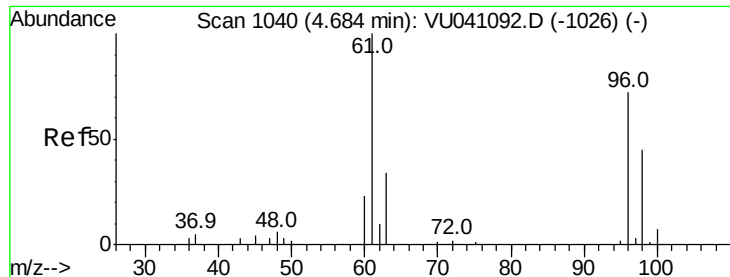
Time-->

2.60

2.65

2.70





#22

cis-1,2-Dichloroethene

Concen: 0.290 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041100.D

Acq: 04 Nov 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

C0AA4DL

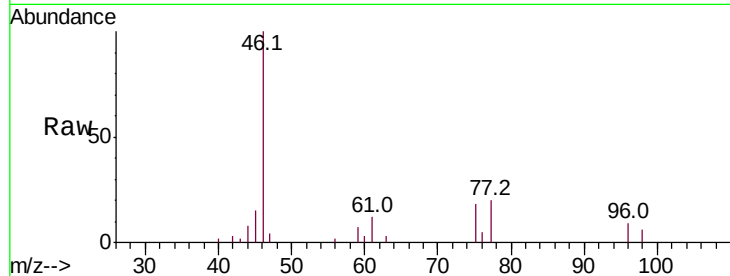
Tgt Ion: 96 Resp: 1016

Ion Ratio Lower Upper

96 100

61 138.6 97.2 180.4

68 0.0 0.0 0.0



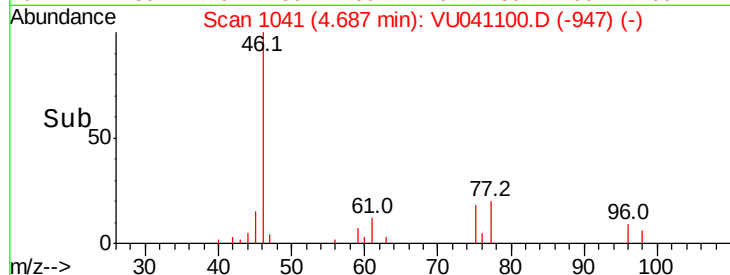
Abundance Ion 96.00 (95.70 to 96.70): VU041100.D (-1529) (-)

Ion 61.05 (60.75 to 61.75): VU041100.D (-1529) (-)

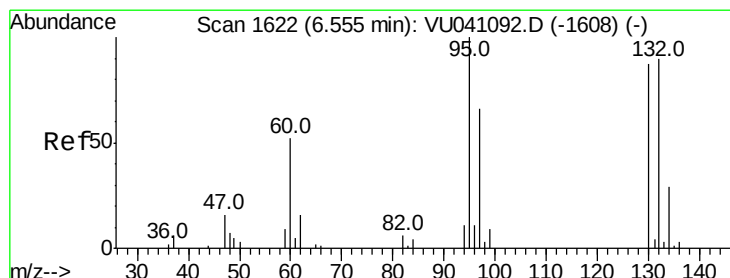
Ion 68.15 (67.85 to 68.85): VU041100.D (-1529) (-)

4.69

Time-->



Time-->



#34

Trichloroethene

Concen: 2.701 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041100.D

Acq: 04 Nov 2020 13:50

Tgt Ion: 95 Resp: 10139

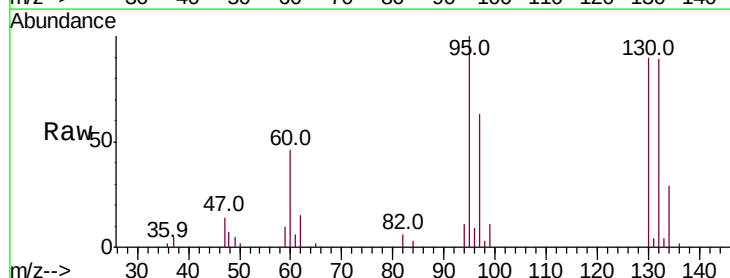
Ion Ratio Lower Upper

95 100

97 62.5 45.6 84.6

132 89.4 64.8 120.4

130 90.5 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU041100.D (-1529) (-)

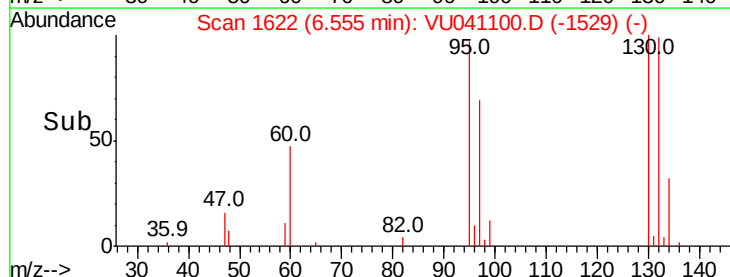
Ion 96.95 (96.65 to 97.65): VU041100.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU041100.D (-1529) (-)

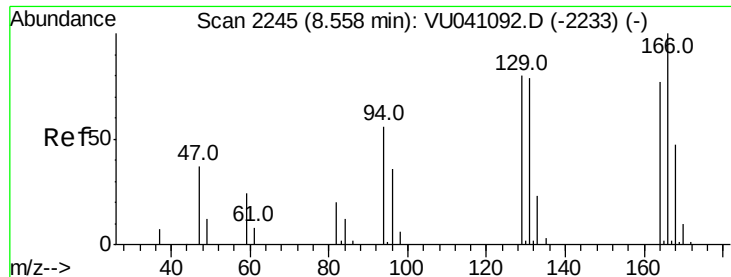
Ion 129.95 (129.65 to 130.65): VU041100.D (-1529) (-)

6.56

Time-->



Time-->



#47

Tetrachloroethene

Concen: 11.488 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041100.D

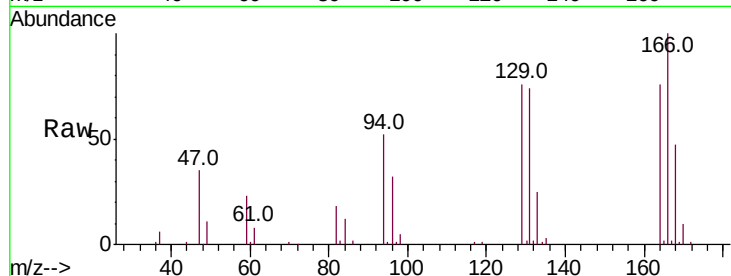
Acq: 04 Nov 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

C0AA4DL



Tgt Ion:164 Resp: 31704

Ion Ratio Lower Upper

164 100

129 99.4 70.3 130.7

131 96.7 70.8 131.4

166 131.3 92.0 170.8

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

