

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072618\
 Data File : VU025654.D
 Acq On : 26 Jul 2018 17:44
 Operator : MD/SY
 Sample : J4148-08DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX3DL

Quant Time: Jul 27 02:04:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143049	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68927	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.68	69	59550	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.74%
11) 1,1-Dichloroethene-d2	2.27	63	105755	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	4.18	46	144726	112.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.62%
24) Chloroform-d	4.65	84	162917	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.31	65	114410	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.35	84	310853	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
36) 1,2-Dichloropropane-d6	6.34	67	101119	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.57	98	286929	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%
43) trans-1,3-Dichloropropene-	7.85	79	48930	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.82%
47) 2-Hexanone-d5	8.31	63	100070	105.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.81%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148480	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	125610	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%

Target Compounds

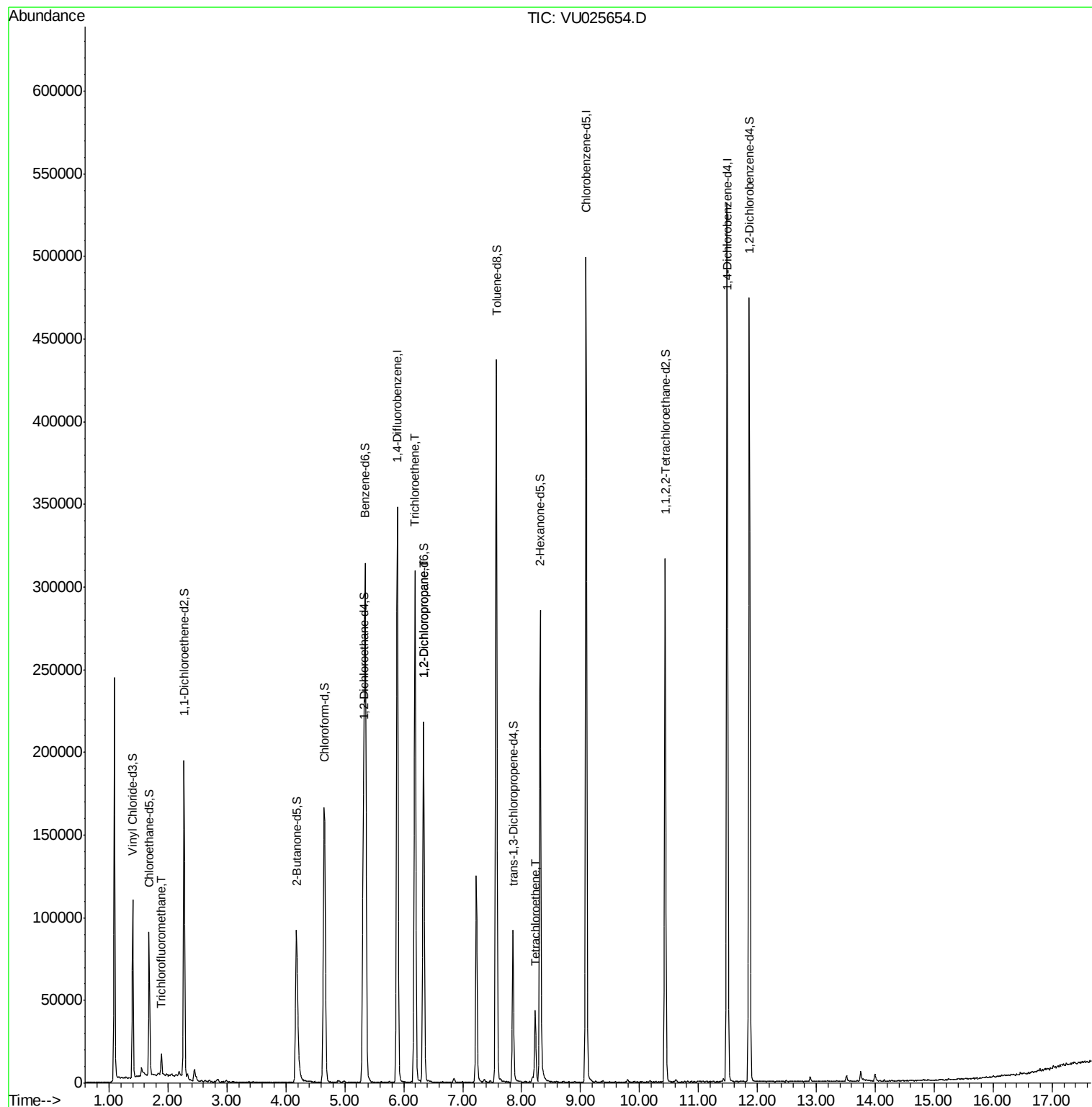
					Qvalue
9) Trichlorofluoromethane	1.89	101	6843	2.112 ug/L	97
34) Trichloroethene	6.19	95	103988	49.905 ug/L	97
37) 1,2-Dichloropropane	6.33	63	12386	5.772 ug/L #	88
46) Tetrachloroethene	8.23	164	9622	5.326 ug/L	98

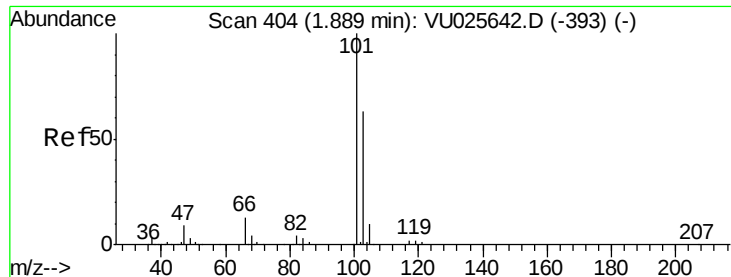
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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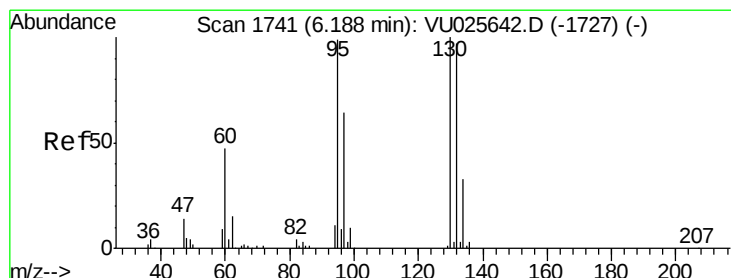
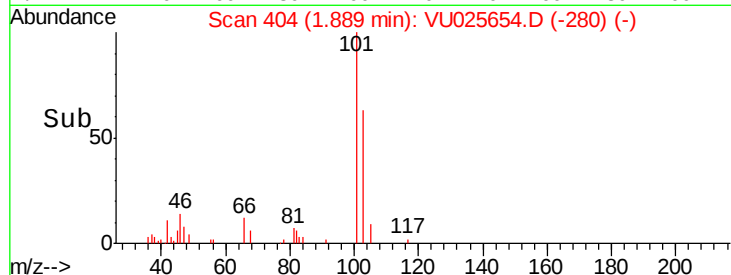
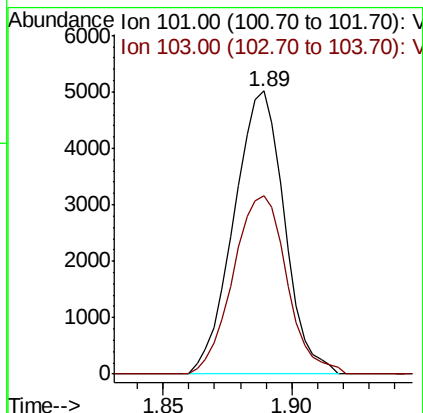
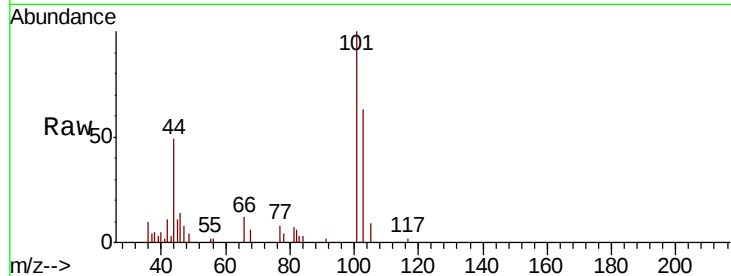


#9

Trichlorofluoromethane
Concen: 2.112 ug/L
RT: 1.89 min Scan# 404
Delta R.T. -0.00 min
Lab File: VU025654.D
Acq: 26 Jul 2018 17:44

Instrument :
MSVOA_U
ClientSampled :
C0SX3DL

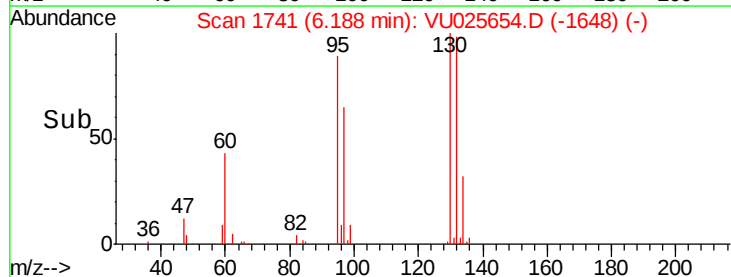
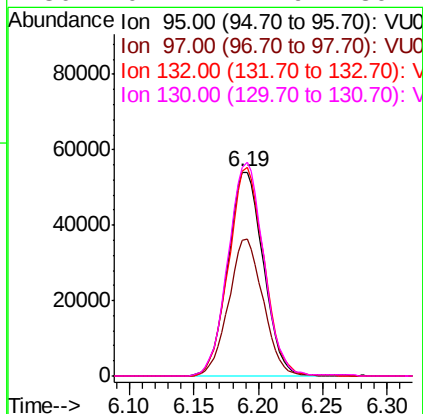
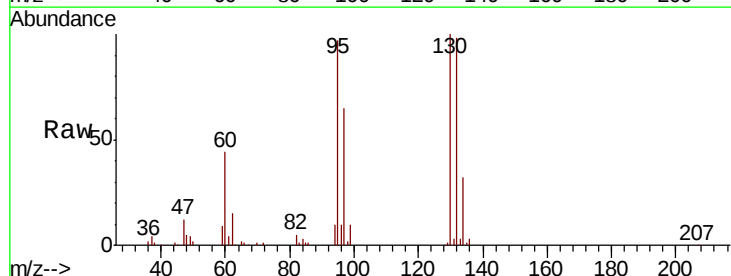
Tgt Ion:101 Resp: 6843
Ion Ratio Lower Upper
101 100
103 67.0 52.0 78.0

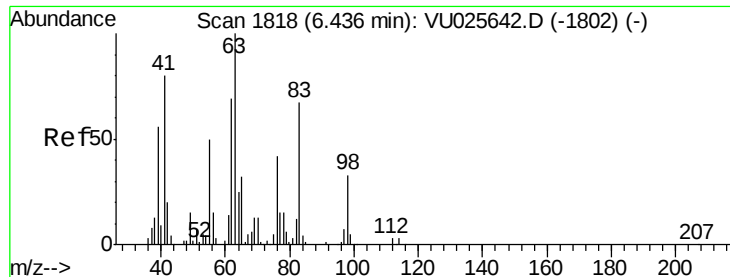


#34

Trichloroethene
Concen: 49.905 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025654.D
Acq: 26 Jul 2018 17:44

Tgt Ion: 95 Resp: 103988
Ion Ratio Lower Upper
95 100
97 66.8 45.9 85.3
132 100.5 72.2 134.2
130 102.7 74.9 139.1





#37

1,2-Dichloropropane

Concen: 5.772 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025654.D

Acq: 26 Jul 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

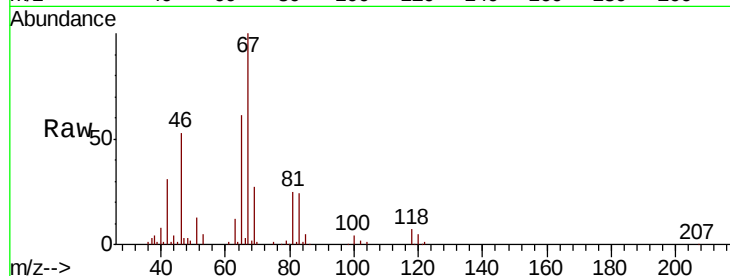
C0SX3DL

Tgt Ion: 63 Resp: 12386

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025642.D (-1802) (-)

Ion 112.00 (111.70 to 112.70): VU025642.D (-1802) (-)

6.33

6000

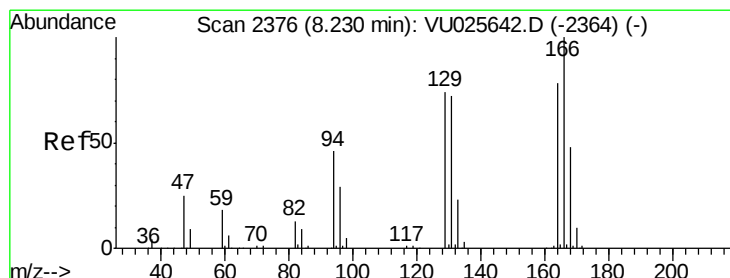
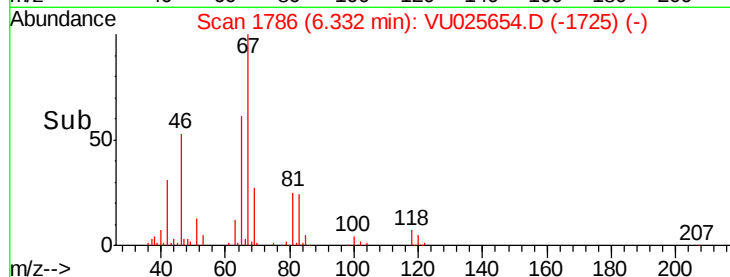
4000

2000

0

6.30 6.35 6.40

Time-->



#46

Tetrachloroethene

Concen: 5.326 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025654.D

Acq: 26 Jul 2018 17:44

Tgt Ion: 164 Resp: 9622

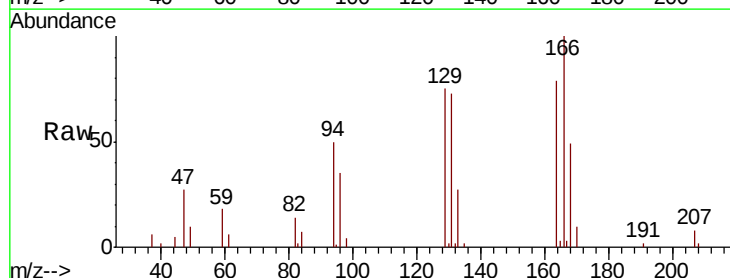
Ion Ratio Lower Upper

164 100

129 94.3 65.1 120.9

131 91.4 62.8 116.6

166 125.9 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): VU025642.D (-2364) (-)

Ion 129.00 (128.70 to 129.70): VU025642.D (-2364) (-)

Ion 131.00 (130.70 to 131.70): VU025642.D (-2364) (-)

Ion 166.00 (165.70 to 166.70): VU025642.D (-2364) (-)

10000

8000

6000

4000

2000

0

8.20 8.25

Time-->

