

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110320\
 Data File : VU041078.D
 Acq On : 03 Nov 2020 15:04
 Operator : SY/MD
 Sample : L4614-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH4

Quant Time: Nov 04 01:46:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17388	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.92	69	13952	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.58	63	24866	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.65	46	79271	54.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.42%
24) Chloroform-d	5.08	84	34333	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	22700	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.74	84	63423	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	22429	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.90	98	50253	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.19	79	8704	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	55373	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20640	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	21359	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

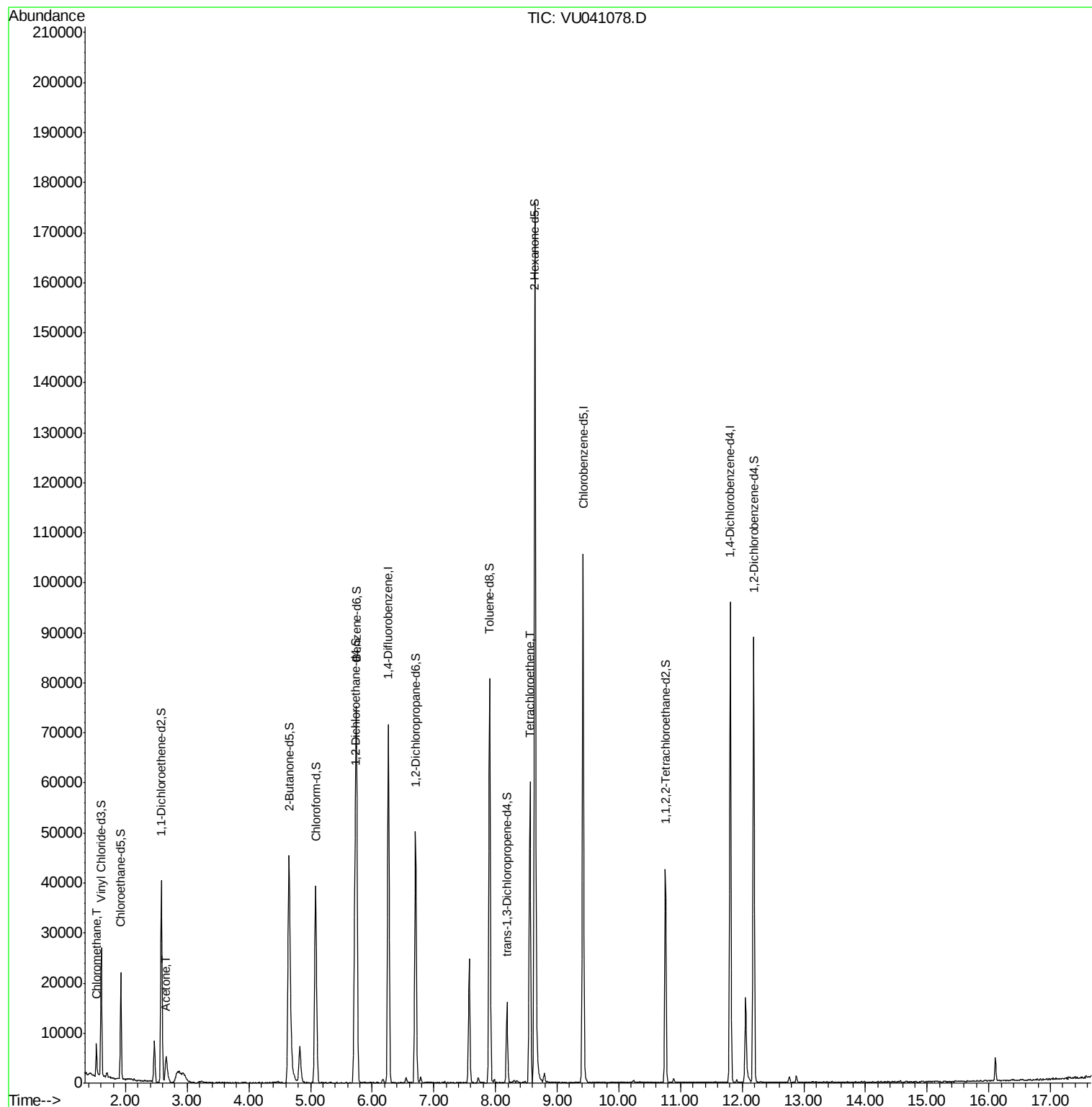
Target Compounds					Ovalue
3) Chloromethane	1.53	50	4431	0.881 ug/L	96
13) Acetone	2.66	43	9097	9.099 ug/L #	55
47) Tetrachloroethene	8.56	164	12243	4.092 ug/L	94

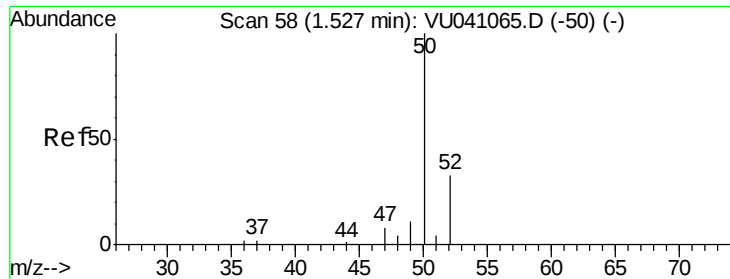
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.881 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

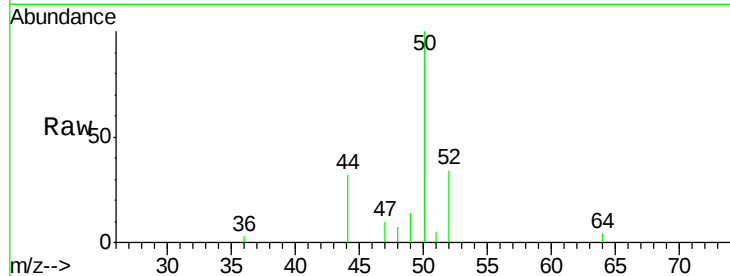
BFSH4

Tot Ion: 50 Resp: 4431

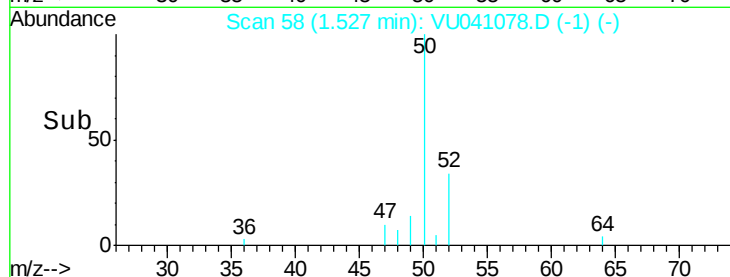
Ion Ratio Lower Upper

50 100

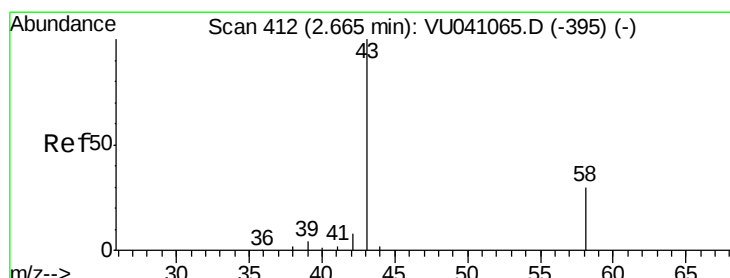
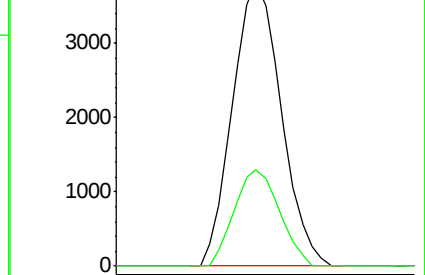
52 34.1 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041078.D (-1) (-)



Ion 52.05 (51.75 to 52.75): VU041078.D (-1) (-)



#13

Acetone

Concen: 9.099 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041078.D

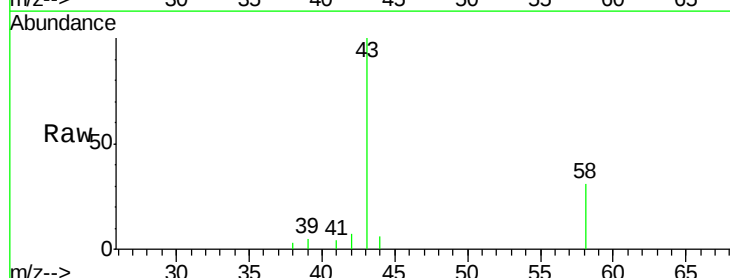
Acq: 03 Nov 2020 15:04

Tgt Ion: 43 Resp: 9097

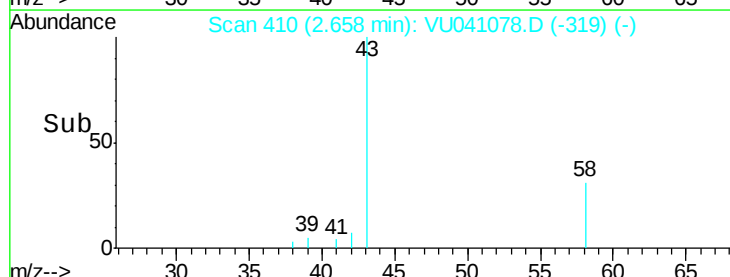
Ion Ratio Lower Upper

43 100

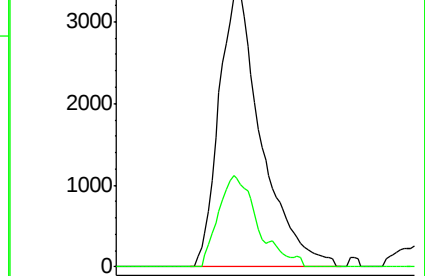
58 30.6 0.0 25.4#

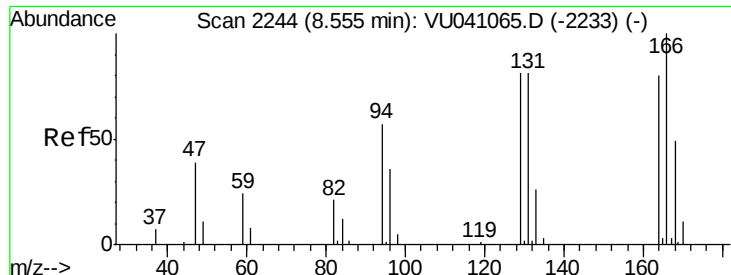


Abundance Ion 43.05 (42.75 to 43.75): VU041078.D (-319) (-)



Ion 58.05 (57.75 to 58.75): VU041078.D (-319) (-)





#47

Tetrachloroethene

Concen: 4.092 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041078.D

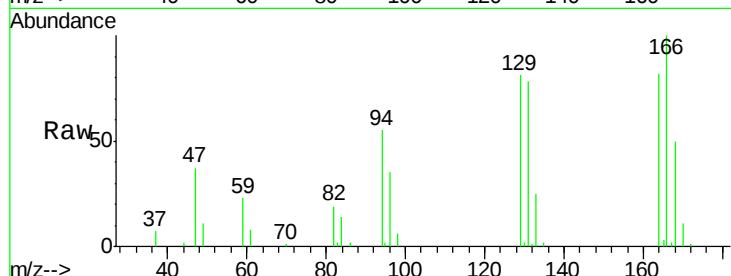
Acq: 03 Nov 2020 15:04

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Tot Ion:164 Resp: 12243

Ion Ratio Lower Upper

164 100

129 98.3 70.3 130.7

131 95.2 70.8 131.4

166 122.1 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

