

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040510.D
 Acq On : 05 Oct 2020 15:21
 Operator : SY/MD
 Sample : L4266-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSC0

Quant Time: Oct 06 08:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53289	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27962	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.92	69	23481	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.58	63	42837	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.65	46	122968	42.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	5.08	84	60530	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	39027	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.75	84	111367	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	39155	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.91	98	90696	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	15598	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	84374	40.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36203	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	38886	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

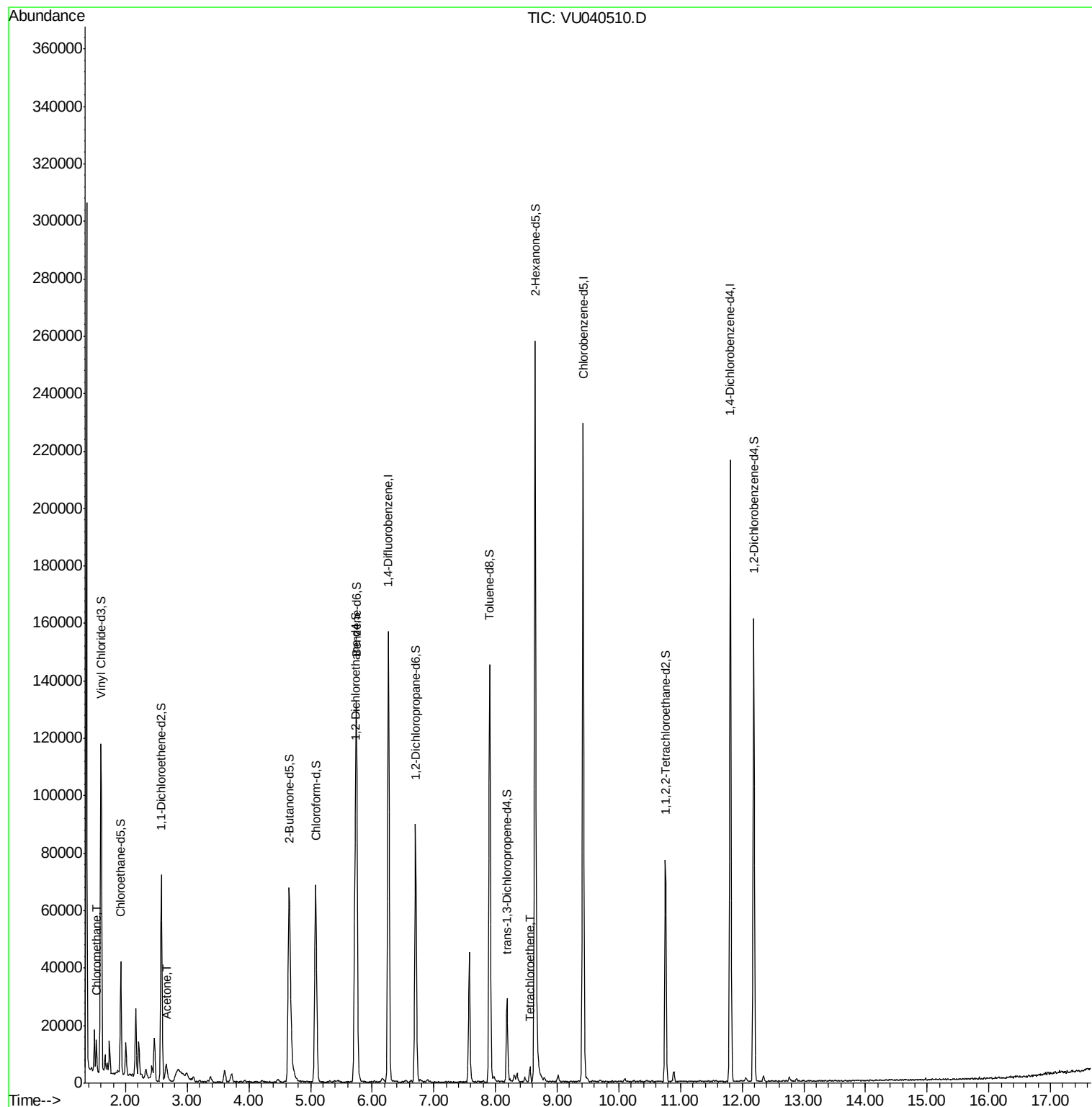
Target Compounds					Ovalue
3) Chloromethane	1.53	50	7480	0.651 ug/L	97
13) Acetone	2.66	43	10929	4.564 ug/L	94
47) Tetrachloroethene	8.56	164	1198	0.159 ug/L	90

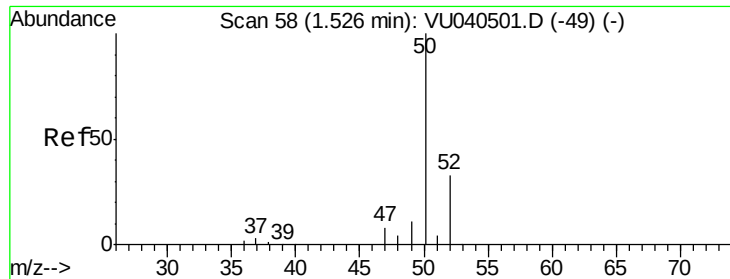
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.651 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

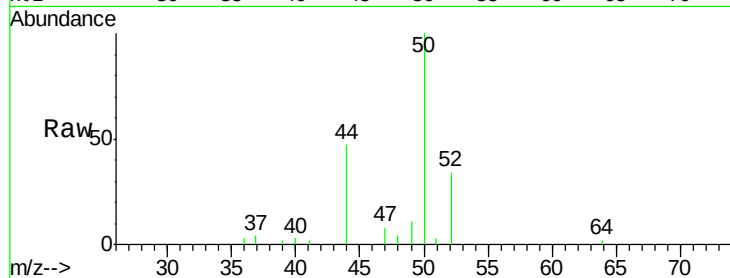
BFSC0

Tot Ion: 50 Resp: 7480

Ion Ratio Lower Upper

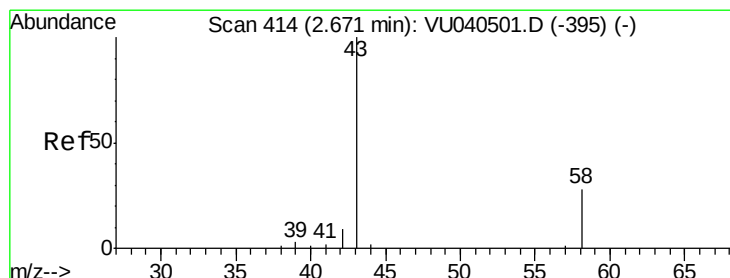
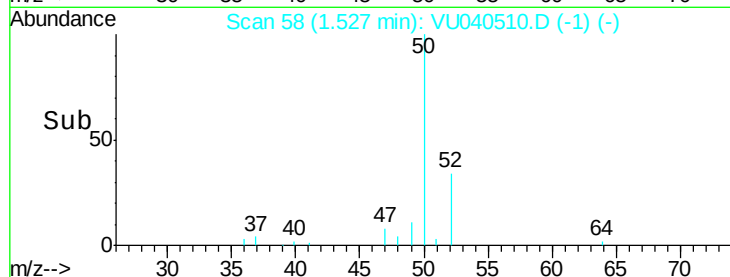
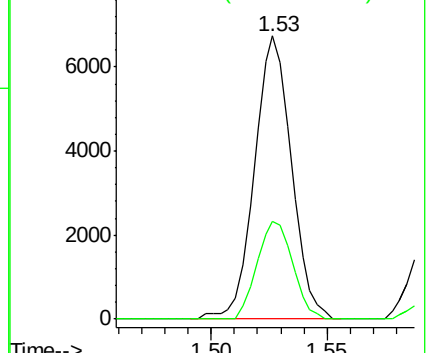
50 100

52 34.5 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 4.564 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

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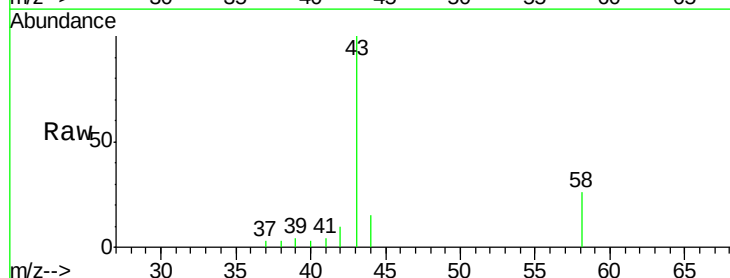
Acq: 05 Oct 2020 15:21

Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

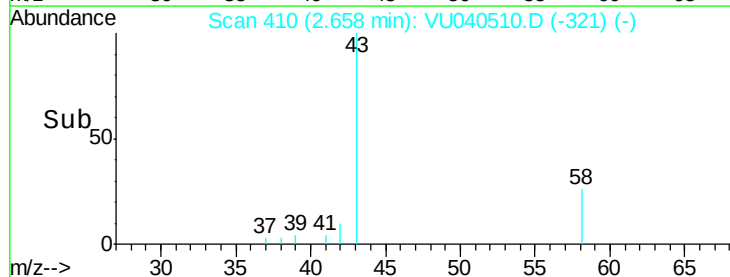
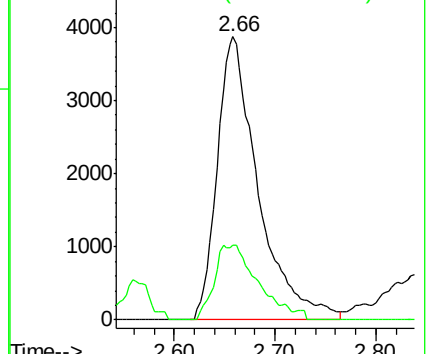
43 100

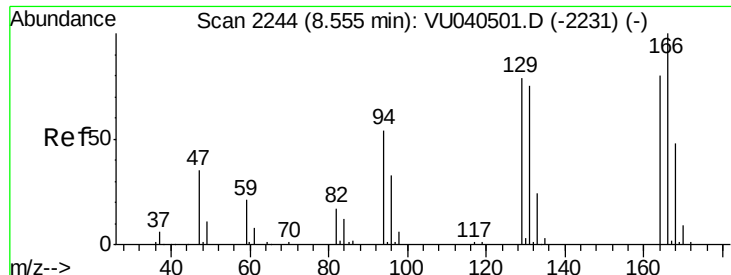
58 27.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.159 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

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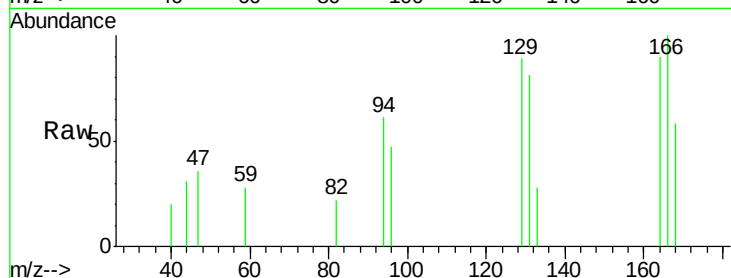
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Tot Ion:164 Resp: 1198

Ion Ratio Lower Upper

164 100

129 98.4 70.3 130.7

131 90.1 69.2 128.6

166 111.1 91.1 169.3

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

