

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040726.D
 Acq On : 15 Oct 2020 17:28
 Operator : SY/MD
 Sample : L4421-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ6

Quant Time: Oct 16 05:33:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	103171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41710	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.92	69	35711	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.58	63	62903	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.65	46	164661	60.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.38%
24) Chloroform-d	5.08	84	86918	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.72	65	54888	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
32) Benzene-d6	5.75	84	155598	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	55394	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.91	98	121834	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	21115	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.64	63	112093	51.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49985	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51154	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#

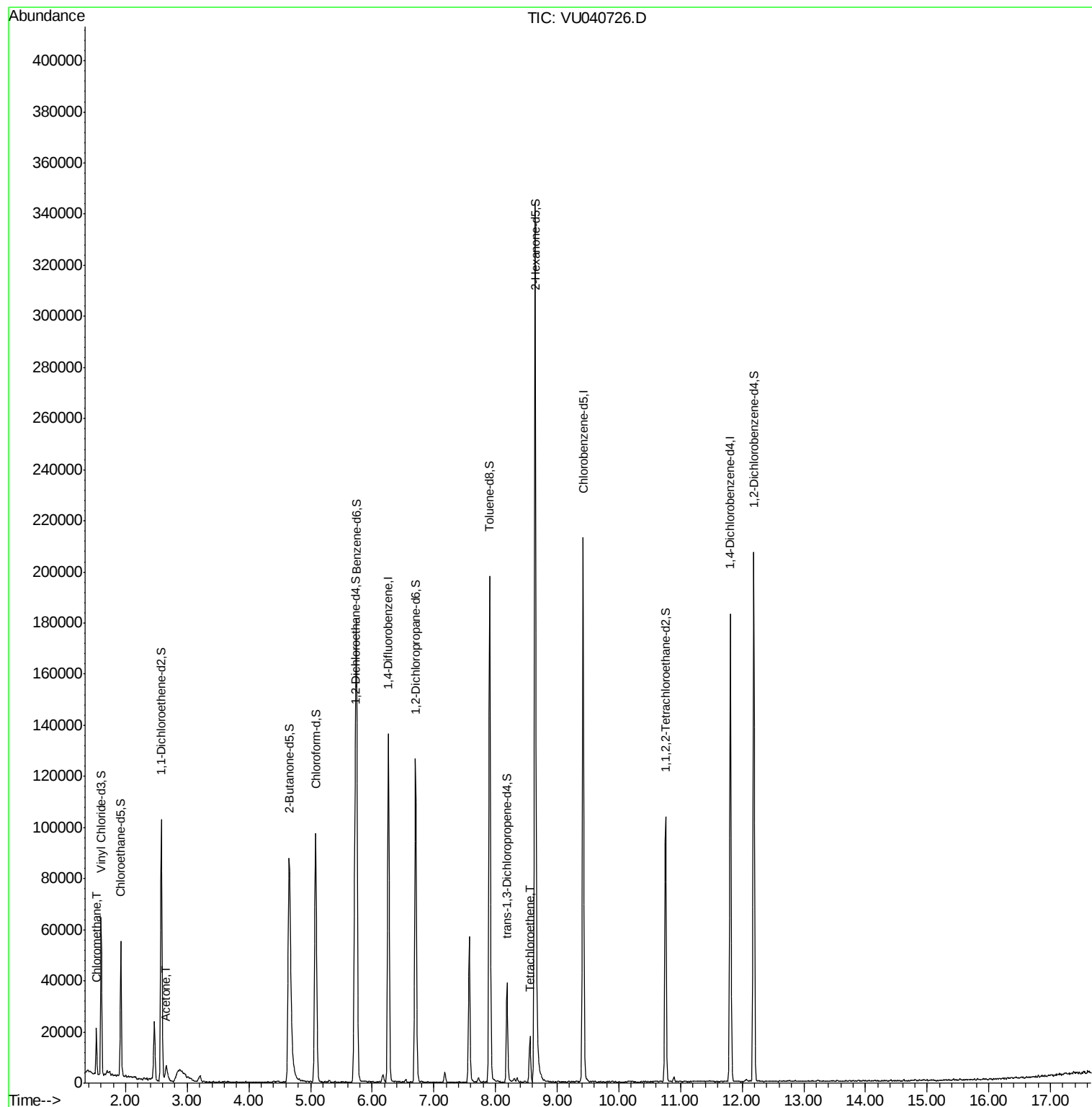
Target Compounds				Ovalue
3) Chloromethane	1.53	50	11998	1.372 ug/L 98
13) Acetone	2.66	43	11600	5.470 ug/L 77
47) Tetrachloroethene	8.56	164	3772	0.571 ug/L 94

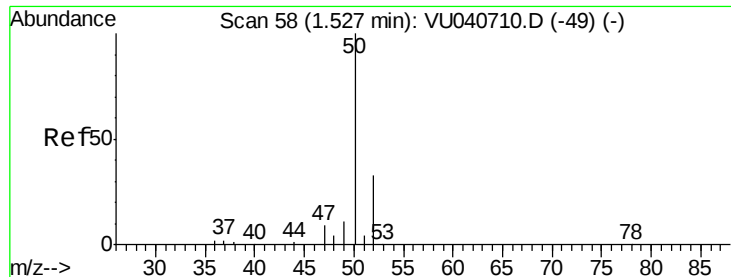
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.372 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

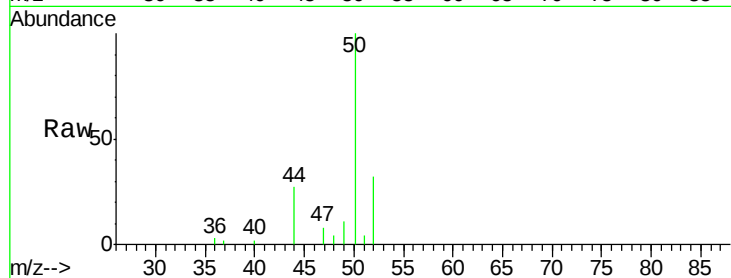
BFSJ6

Tot Ion: 50 Resp: 11998

Ion Ratio Lower Upper

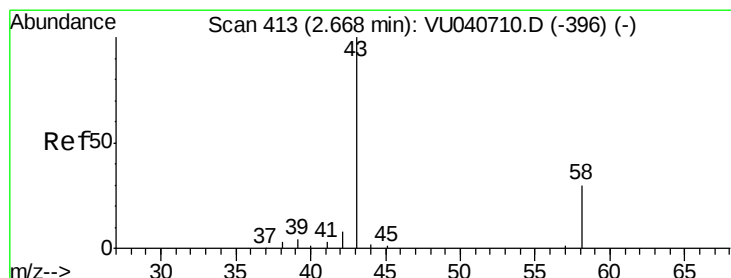
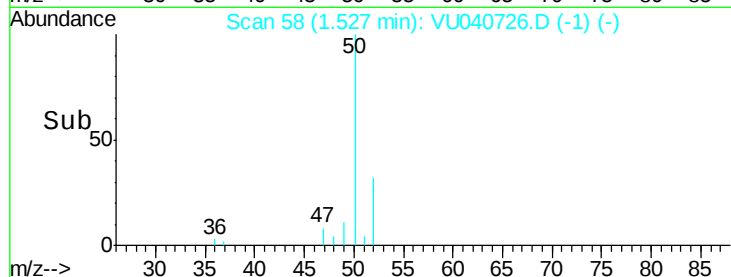
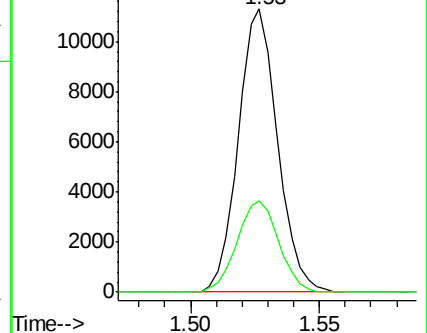
50 100

52 32.5 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.470 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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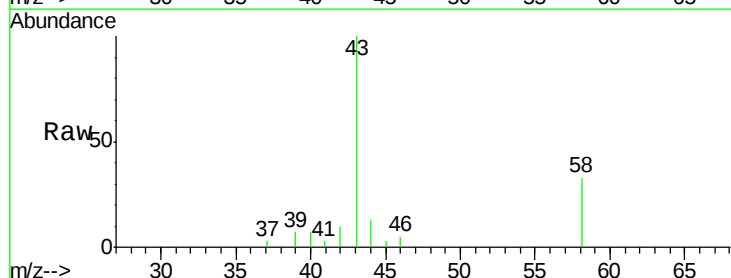
Acq: 15 Oct 2020 17:28

Tgt Ion: 43 Resp: 11600

Ion Ratio Lower Upper

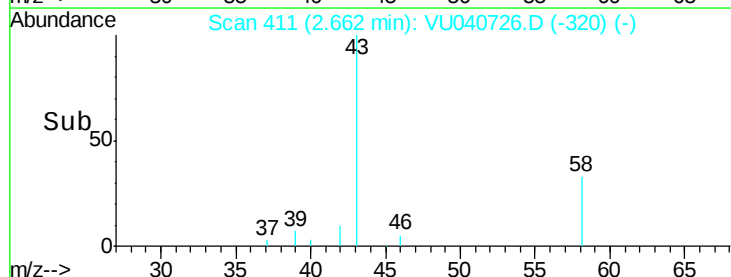
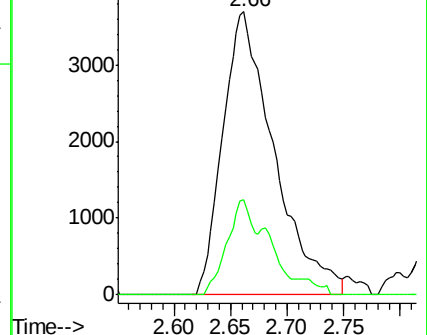
43 100

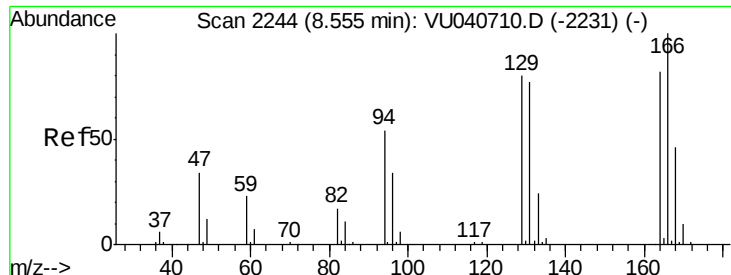
58 17.8 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.571 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

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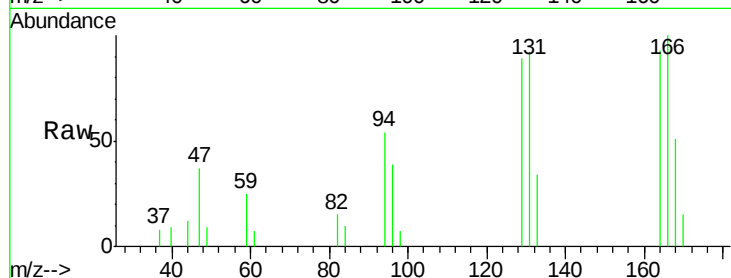
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Tot Ion:164 Resp: 3772

Ion Ratio Lower Upper

164 100

129 95.9 68.8 127.8

131 99.0 66.7 123.9

166 107.8 83.9 155.7

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

