

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040722.D
 Acq On : 15 Oct 2020 15:55
 Operator : SY/MD
 Sample : L4421-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSG2

Quant Time: Oct 16 05:18:20 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	112352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40137	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	36238	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	62141	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	158779	53.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	5.08	84	82257	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	51404	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	151339	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	53125	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	119633	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	19761	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	107455	47.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46720	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49490	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

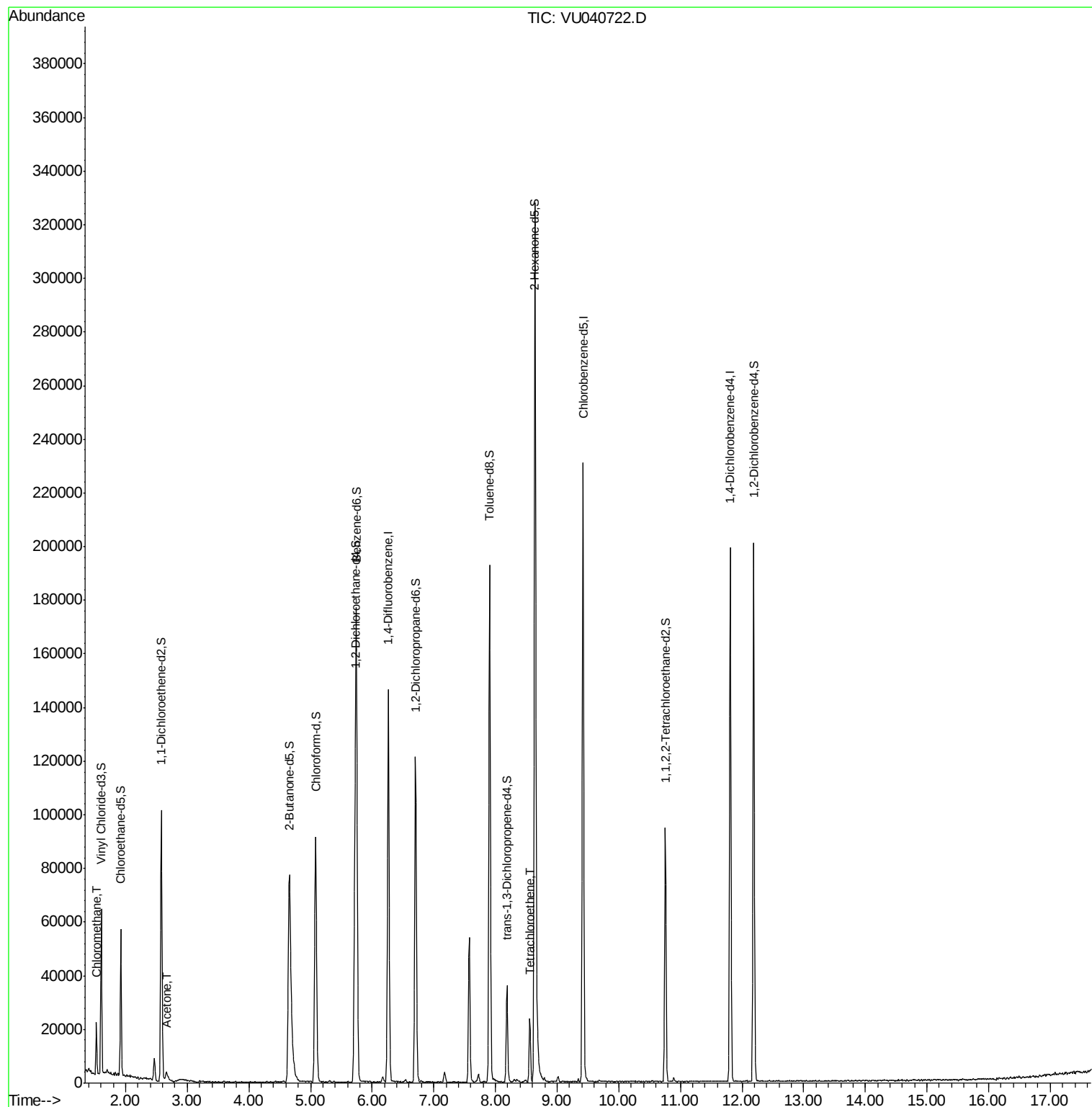
Target Compounds					Ovalue
3) Chloromethane	1.53	50	12937	1.359 ug/L	94
13) Acetone	2.66	43	6198	2.684 ug/L	90
47) Tetrachloroethene	8.56	164	5155	0.743 ug/L	96

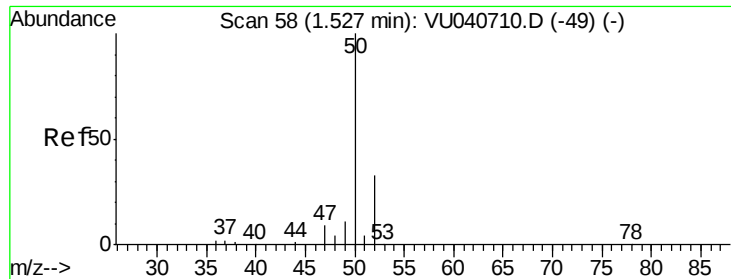
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.359 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampled :

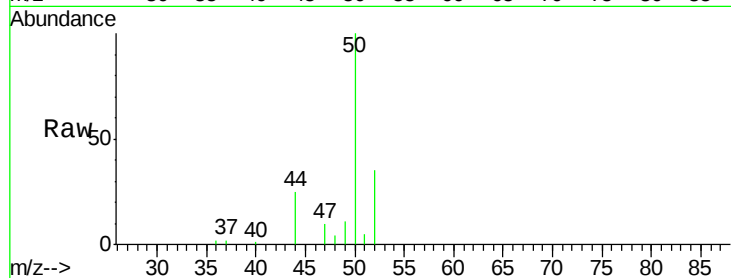
BFSG2

Tot Ion: 50 Resp: 12937

Ion Ratio Lower Upper

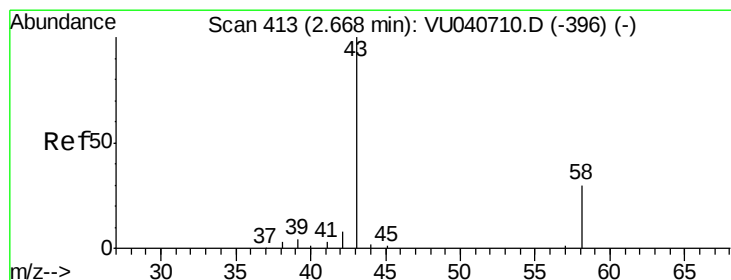
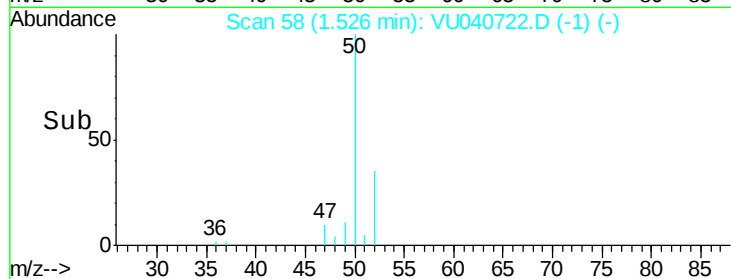
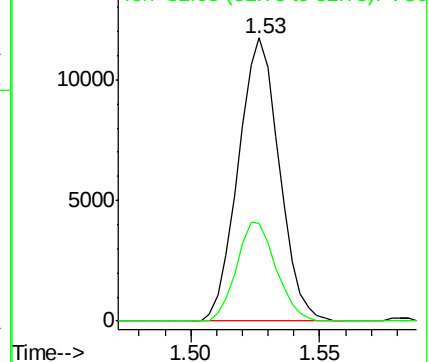
50 100

52 34.6 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: 2.684 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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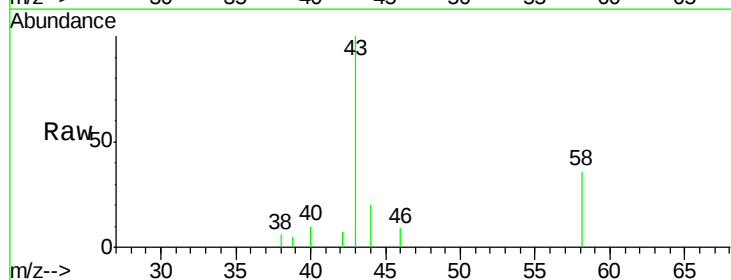
Acq: 15 Oct 2020 15:55

Tgt Ion: 43 Resp: 6198

Ion Ratio Lower Upper

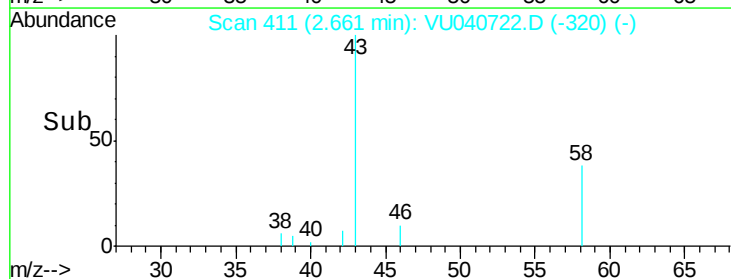
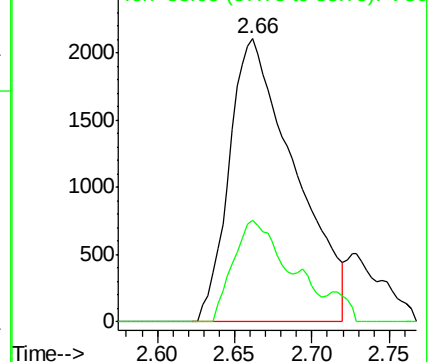
43 100

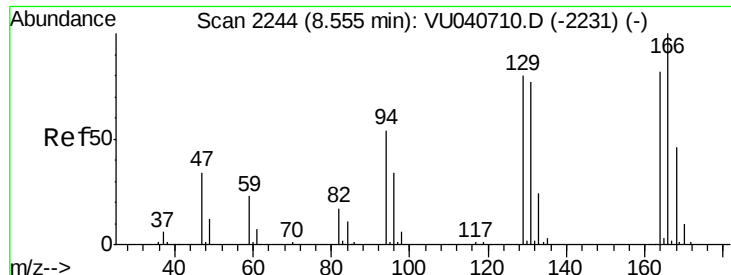
58 25.1 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.743 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

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Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

BFSG2

Tot Ion:164 Resp: 5155

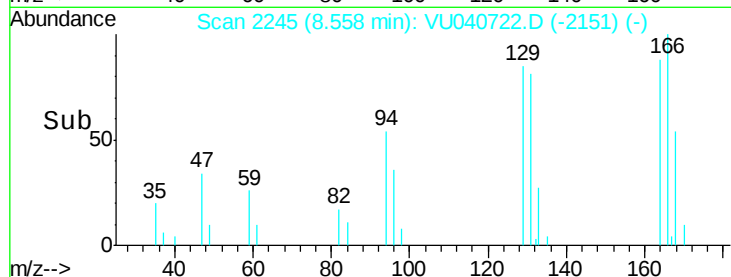
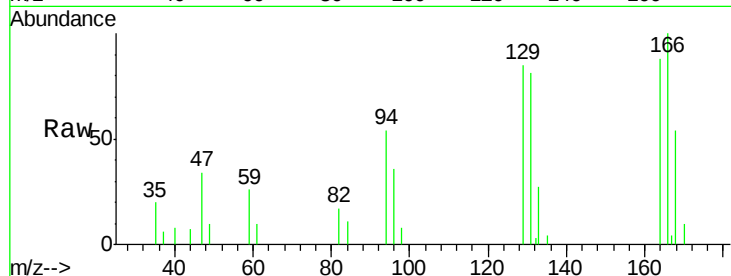
Ion Ratio Lower Upper

164 100

129 96.2 68.8 127.8

131 91.9 66.7 123.9

166 113.5 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

