

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\
 Data File : VU040721.D
 Acq On : 15 Oct 2020 15:32
 Operator : SY/MD
 Sample : L4421-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSG1

Quant Time: Oct 16 05:14:58 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	111773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40865	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	37618	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	65367	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.65	46	167336	56.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.92%
24) Chloroform-d	5.08	84	87623	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.72	65	54973	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.74	84	159742	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	54734	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	127992	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	21547	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	115702	50.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49840	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	53940	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

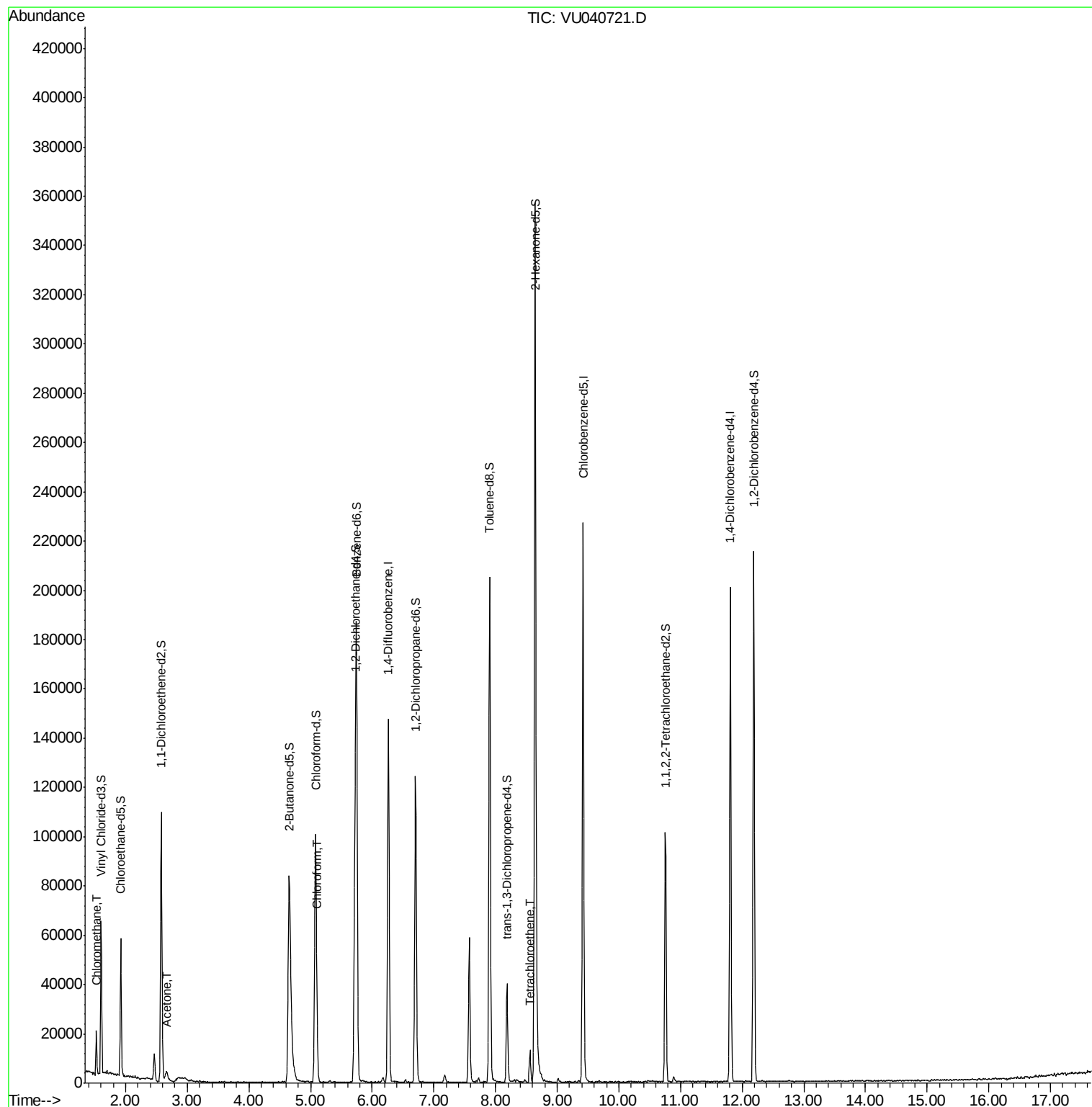
Target Compounds					Ovalue
3) Chloromethane	1.53	50	11920	1.259 ug/L	95
13) Acetone	2.66	43	8077	3.516 ug/L	98
25) Chloroform	5.11	83	4344	0.246 ug/L	97
47) Tetrachloroethene	8.56	164	2951	0.421 ug/L	96

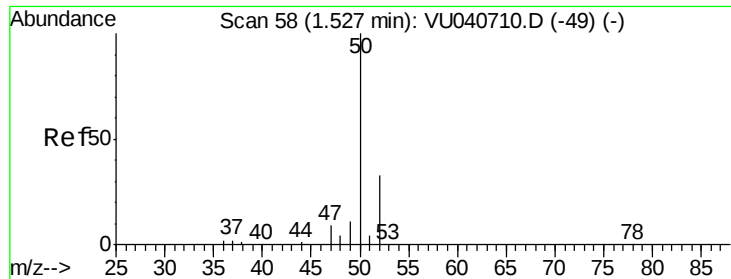
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.259 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040721.D

Acq: 15 Oct 2020 15:32

Instrument :

MSVOA_U

ClientSampleId :

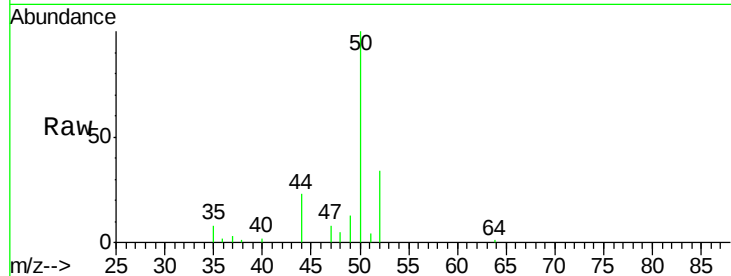
BFSG1

Tot Ion: 50 Resp: 11920

Ion Ratio Lower Upper

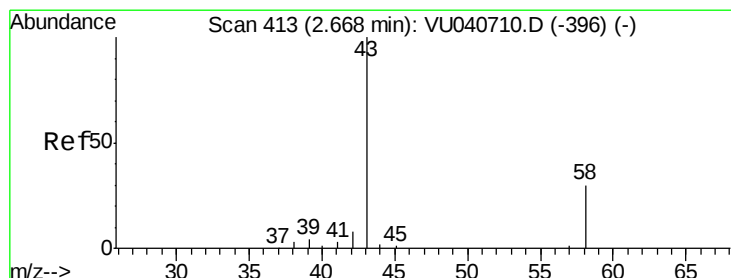
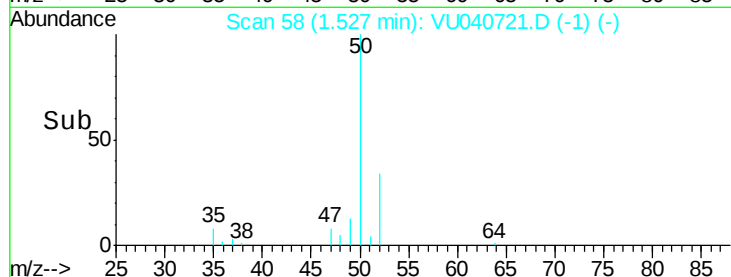
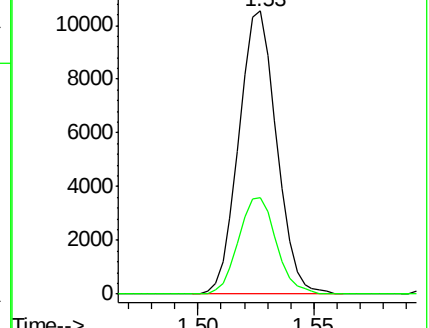
50 100

52 34.1 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040721.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040721.D (-1) (-)



#13

Acetone

Concen: 3.516 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040721.D

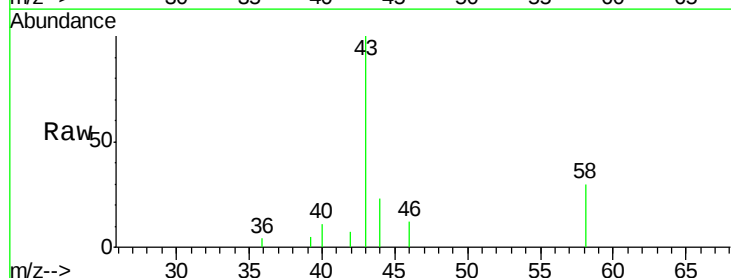
Acq: 15 Oct 2020 15:32

Tgt Ion: 43 Resp: 8077

Ion Ratio Lower Upper

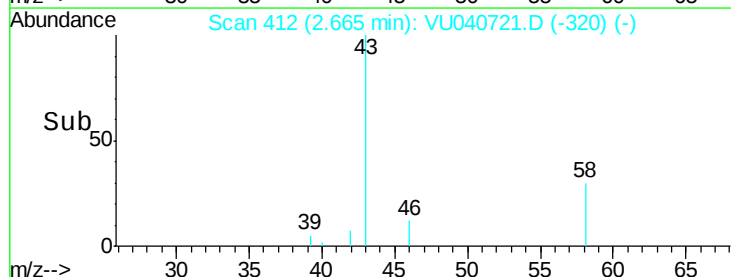
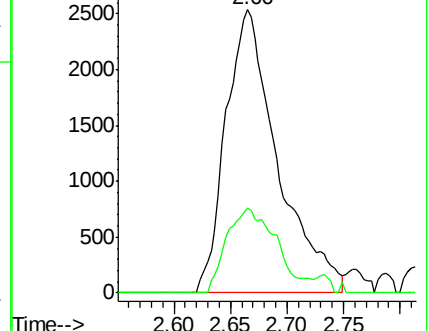
43 100

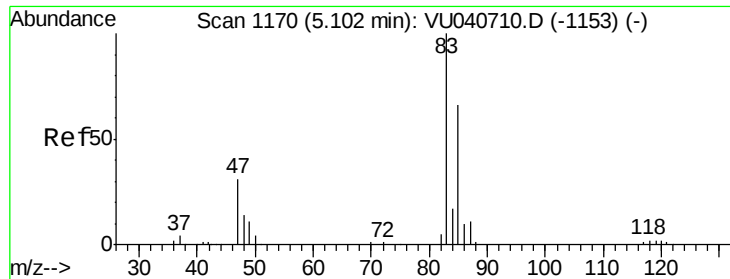
58 29.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040721.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040721.D (-320) (-)

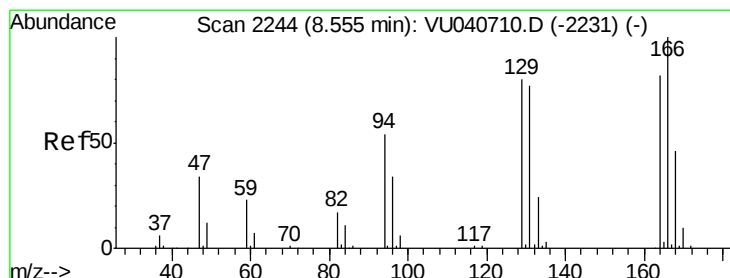
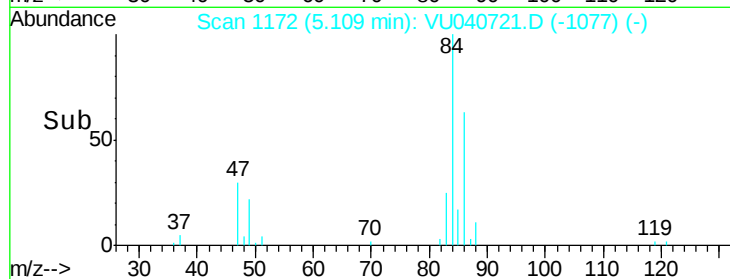
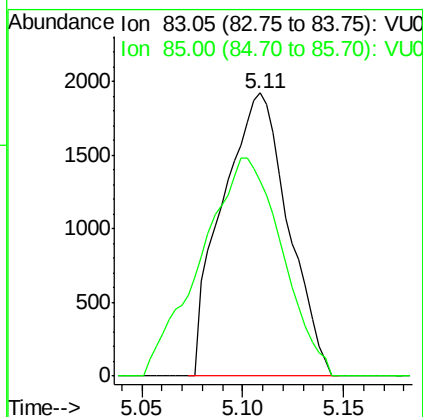
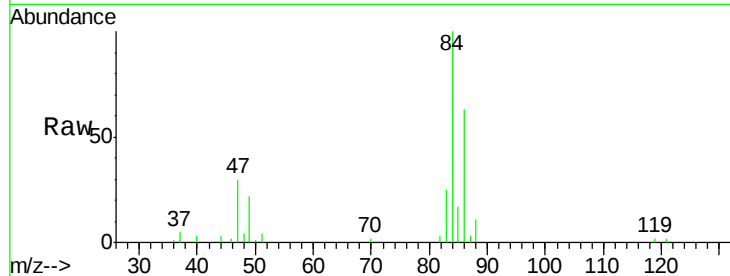




#25
Chloroform
Concen: 0.246 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
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Tot Ion: 83 Resp: 4344
Ion Ratio Lower Upper
83 100
85 68.9 46.5 86.5



#47
Tetrachloroethene
Concen: 0.421 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040721.D
Acq: 15 Oct 2020 15:32

Tgt Ion: 164 Resp: 2951
Ion Ratio Lower Upper
164 100
129 101.3 68.8 127.8
131 91.5 66.7 123.9
166 123.9 83.9 155.7

