

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039018.D
 Acq On : 22 Jun 2020 20:48
 Operator : SY/MD
 Sample : L3061-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ4

Quant Time: Jun 23 02:24:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129077	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.93	69	92848	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.59	63	176822	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.67	46	389430	54.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.64%
24) Chloroform-d	5.10	84	211607	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.74	65	127551	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.76	84	428698	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.72	67	140311	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.92	98	349966	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	8.20	79	46331	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.65	63	290468	52.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121077	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	134332	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

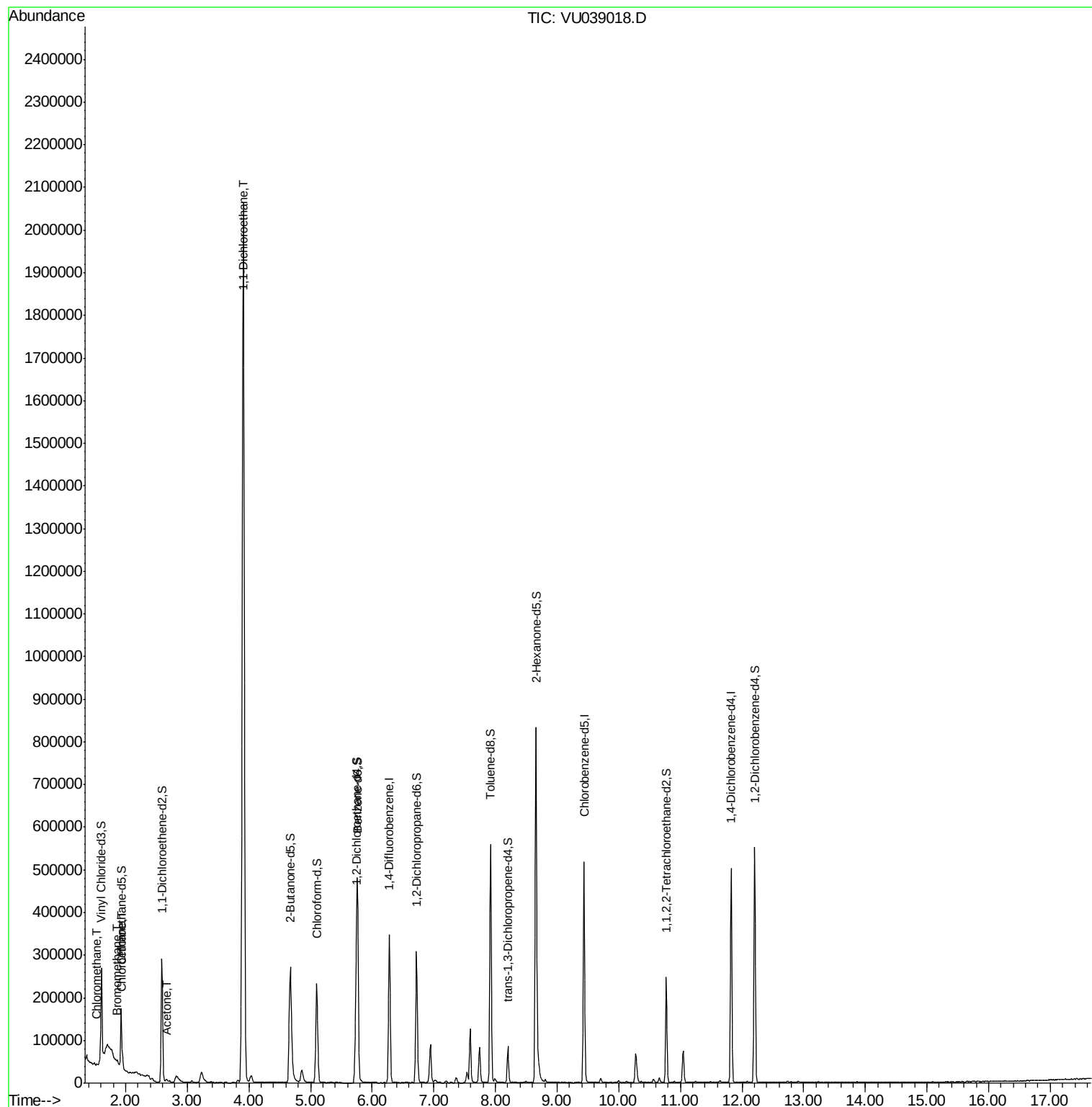
					Ovalue
3) Chloromethane	1.53	50	2772	0.188 ug/L	96
6) Bromomethane	1.87	94	2263	0.350 ug/L	74
8) Chloroethane	1.95	64	34709	2.326 ug/L #	83
13) Acetone	2.66	43	8316	1.856 ug/L	92
19) 1,1-Dichloroethane	3.91	63	2380928	58.726 ug/L	100

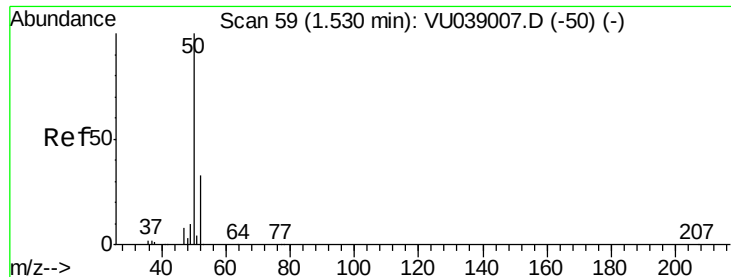
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.188 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039018.D

Acq: 22 Jun 2020 20:48

Instrument :

MSVOA_U

ClientSampled :

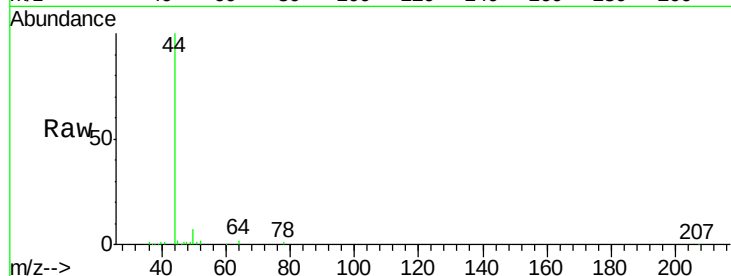
BFXJ4

Tot Ion: 50 Resp: 2772

Ion Ratio Lower Upper

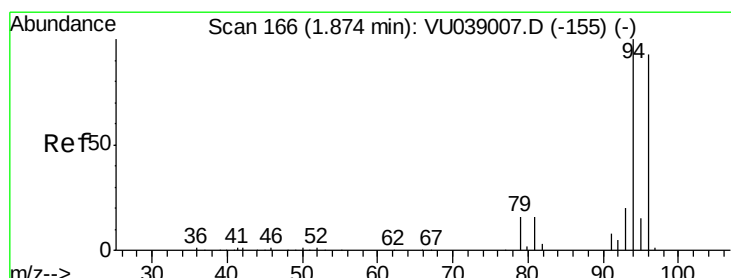
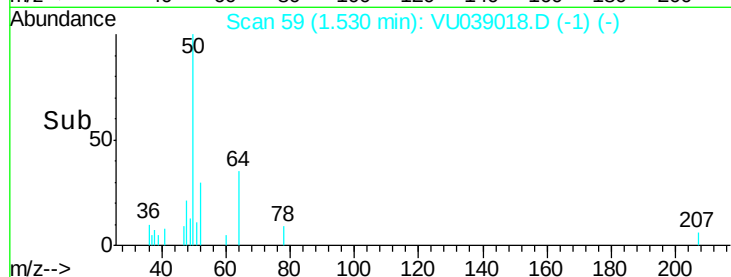
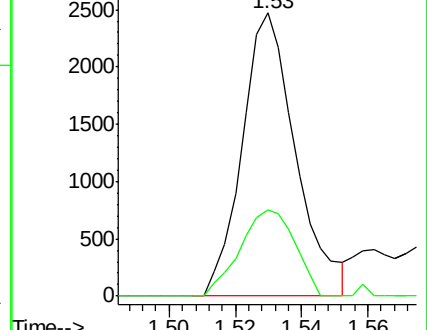
50 100

52 30.5 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU039018.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU039018.D (-1) (-)



#6

Bromomethane

Concen: 0.350 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU039018.D

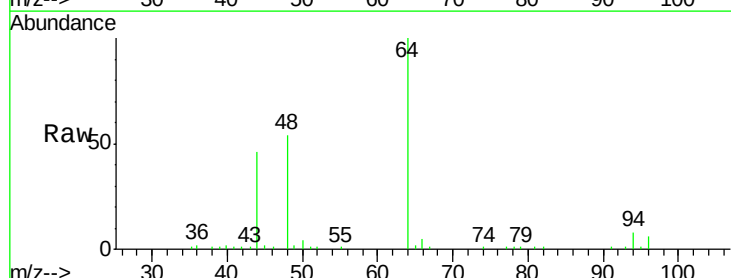
Acq: 22 Jun 2020 20:48

Tgt Ion: 94 Resp: 2263

Ion Ratio Lower Upper

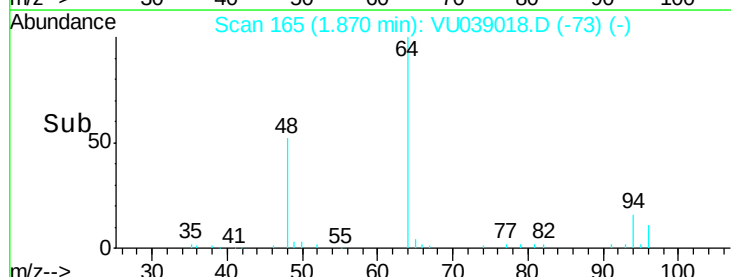
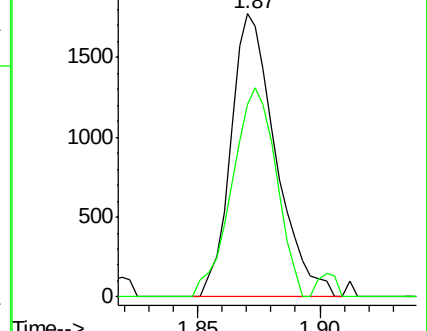
94 100

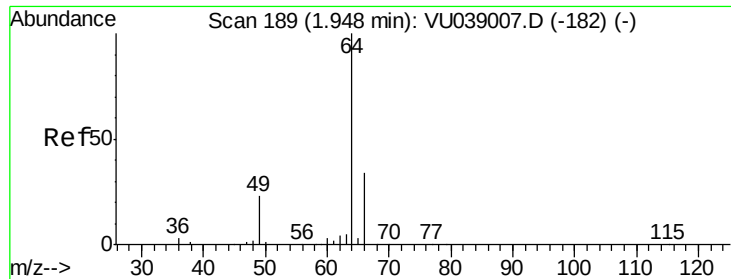
96 68.2 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU039018.D (-73) (-)

Ion 96.00 (95.70 to 96.70): VU039018.D (-73) (-)

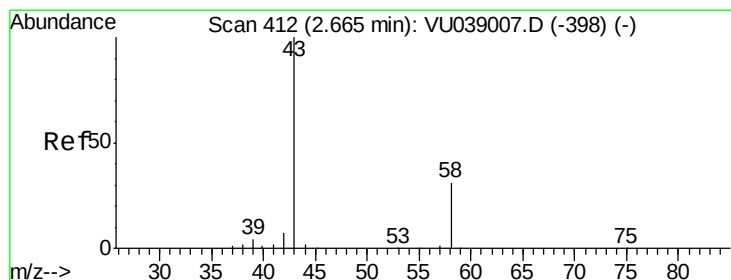
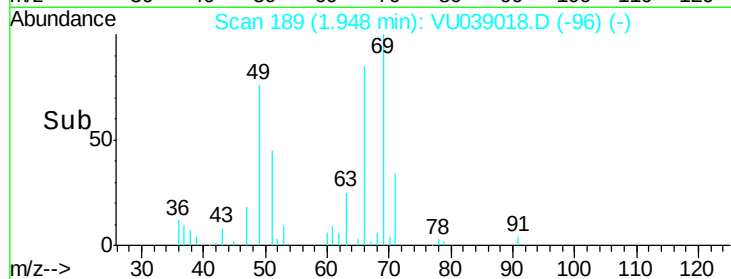
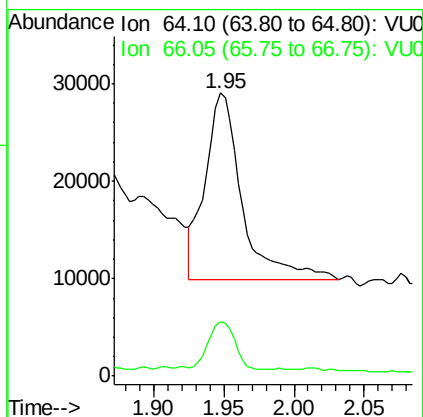
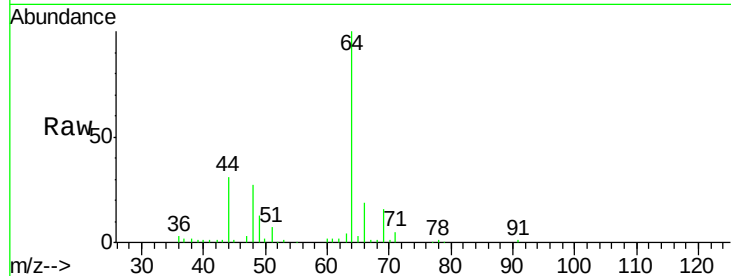




#8
Chloroethane
Concen: 2.326 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU039018.D
Acq: 22 Jun 2020 20:48

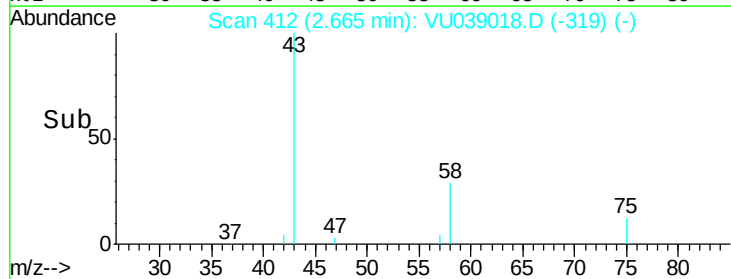
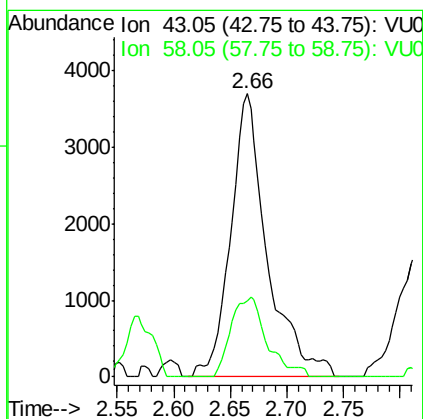
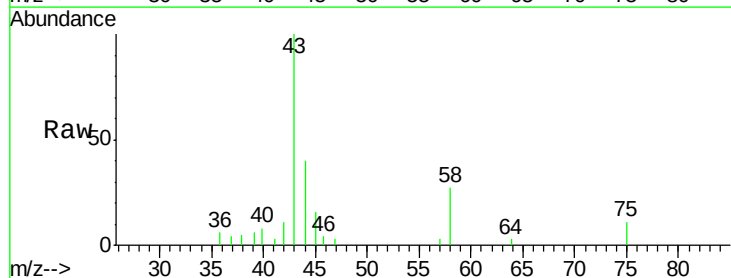
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MSVOA_U
ClientSampled :
BFXJ4

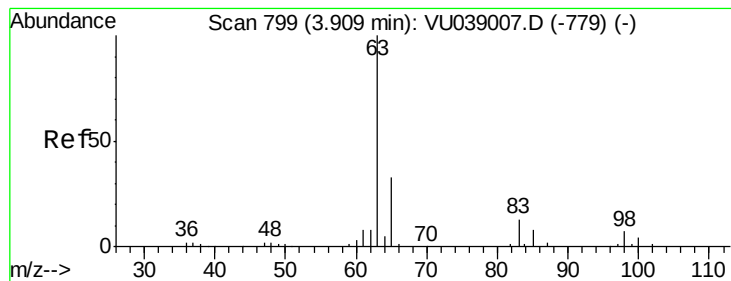
Tot Ion: 64 Resp: 34709
Ion Ratio Lower Upper
64 100
66 19.0 19.4 36.0#



#13
Acetone
Concen: 1.856 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.00 min
Lab File: VU039018.D
Acq: 22 Jun 2020 20:48

Tgt Ion: 43 Resp: 8316
Ion Ratio Lower Upper
43 100
58 27.9 0.0 64.8





#19
 1,1-Dichloroethane
 Concen: 58.726 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU039018.D
 Acq: 22 Jun 2020 20:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ4

Tot Ion: 63 Resp: 2380928

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.7
83	13.2	9.2	17.2

