

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039024.D
 Acq On : 22 Jun 2020 23:09
 Operator : SY/MD
 Sample : L3061-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK0

Quant Time: Jun 23 03:34:26 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	223371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	231642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	98642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107079	5.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.93	69	84362	6.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.40%
11) 1,1-Dichloroethene-d2	2.59	63	144080	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.67	46	356696	59.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.42%
24) Chloroform-d	5.10	84	178971	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.74	65	119146	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.76	84	378436	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.72	67	126003	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.92	98	283073	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	39513	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.65	63	267169	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109980	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	113695	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

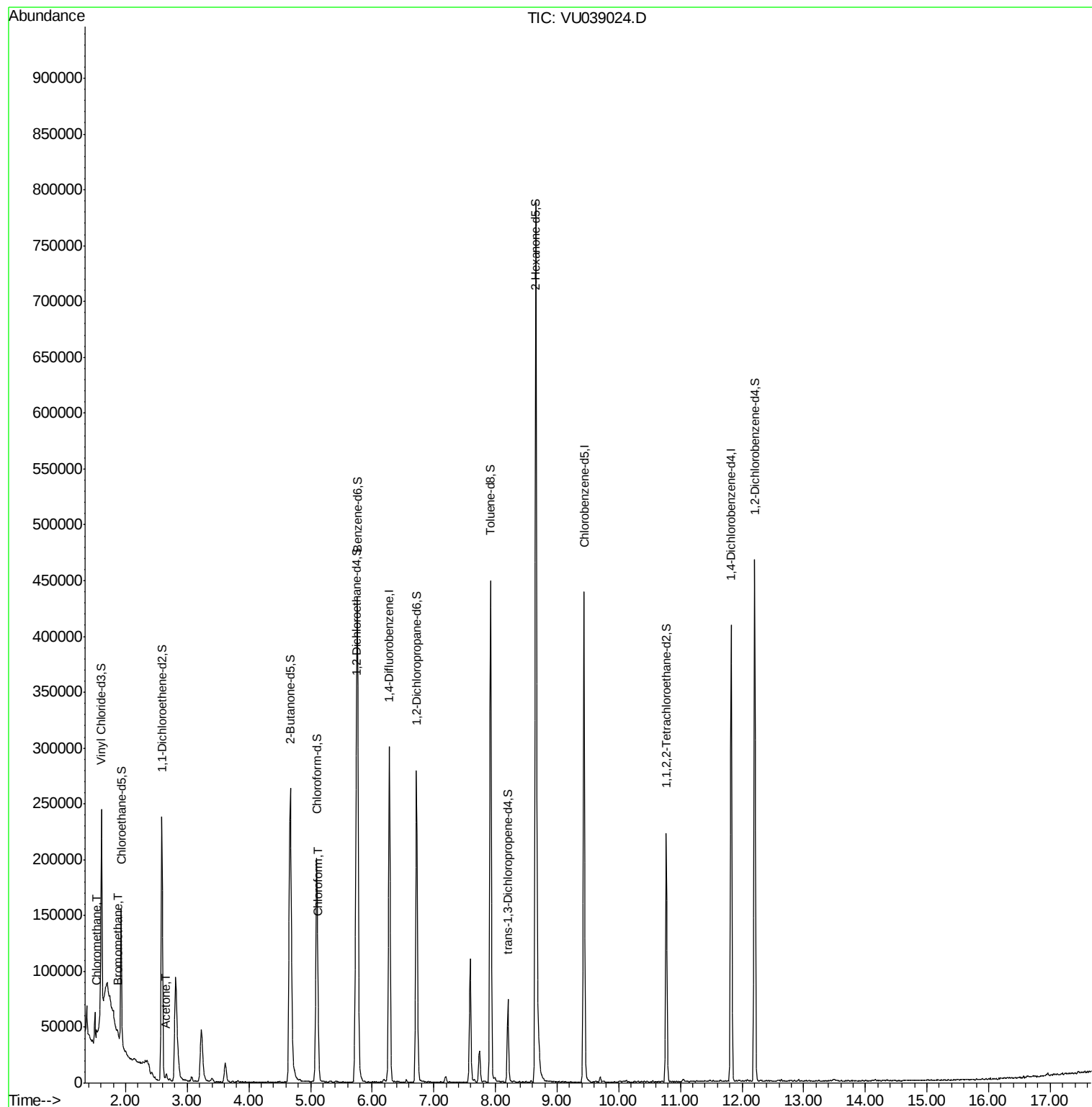
Target Compounds					Ovalue
3) Chloromethane	1.53	50	4307	0.347 ug/L	85
6) Bromomethane	1.87	94	1751	0.322 ug/L #	69
13) Acetone	2.66	43	7279	1.931 ug/L	99
25) Chloroform	5.13	83	15758	0.445 ug/L	92

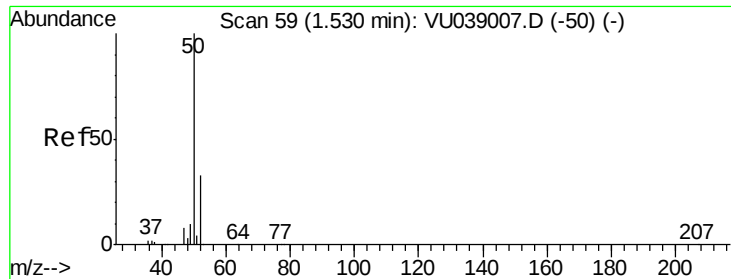
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.347 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

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ClientSampleId :

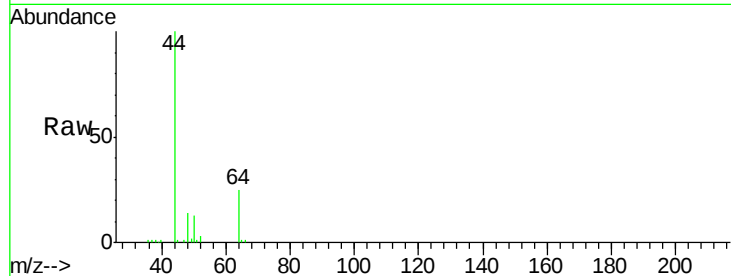
BFXK0

Tot Ion: 50 Resp: 4307

Ion Ratio Lower Upper

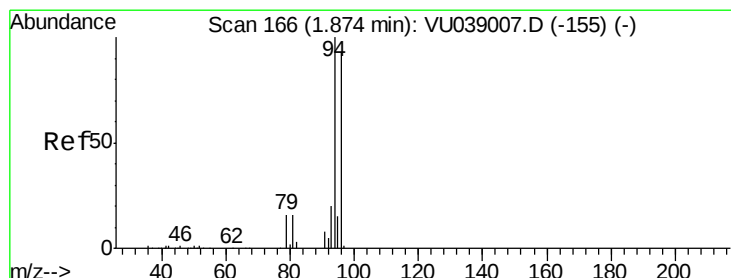
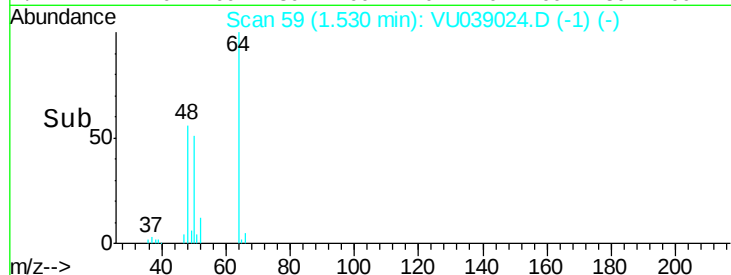
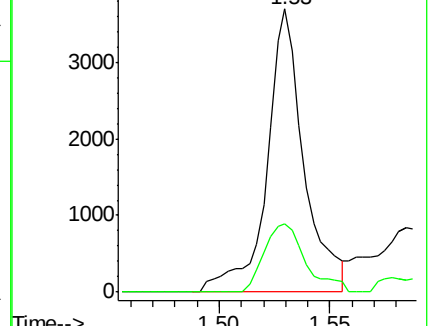
50 100

52 24.3 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 0.322 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

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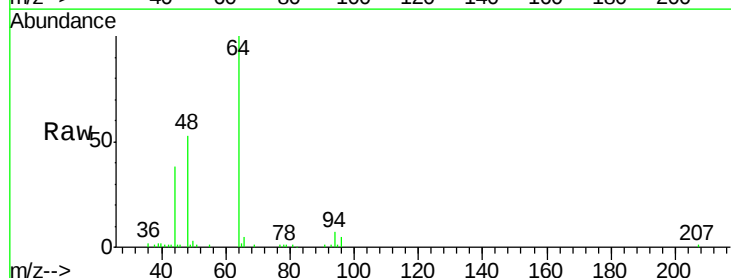
Acq: 22 Jun 2020 23:09

Tgt Ion: 94 Resp: 1751

Ion Ratio Lower Upper

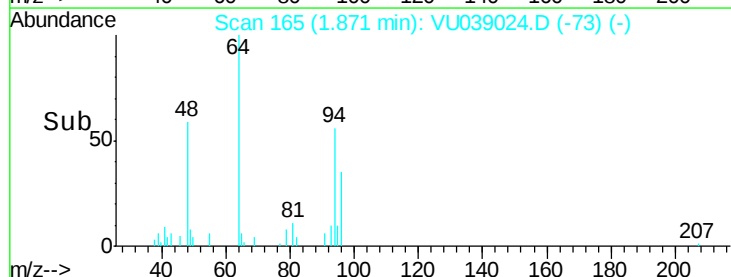
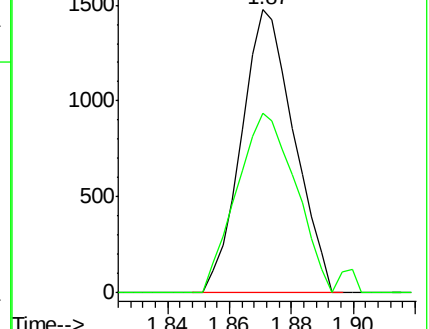
94 100

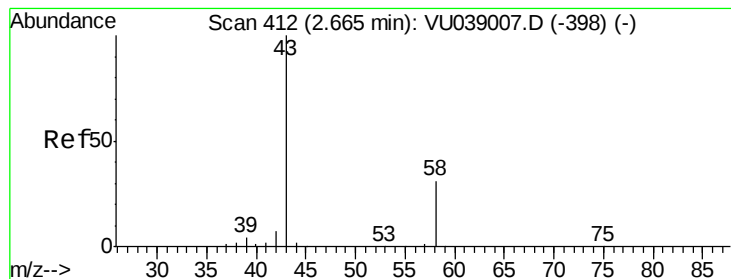
96 63.5 65.5 121.7#



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13

Acetone

Concen: 1.931 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

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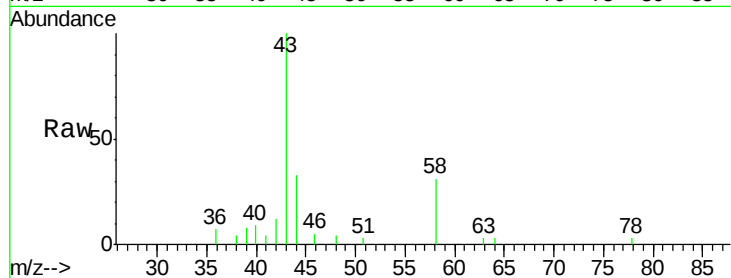
BFXK0

Tot Ion: 43 Resp: 7279

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039007.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU039007.D (-398) (-)

2.66

4000

3000

2000

1000

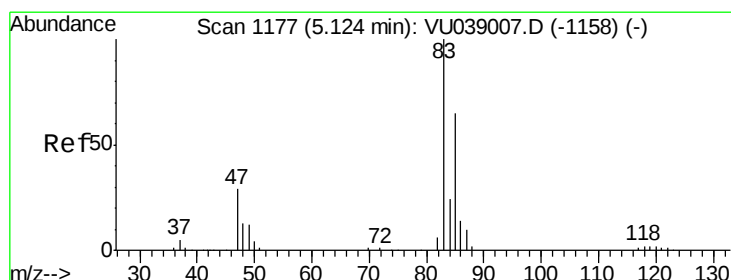
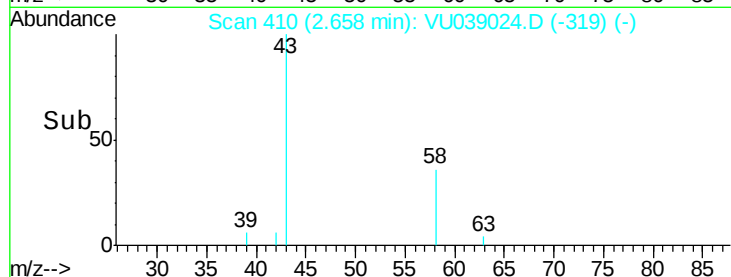
0

Time-->

2.60

2.65

2.70



#25

Chloroform

Concen: 0.445 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

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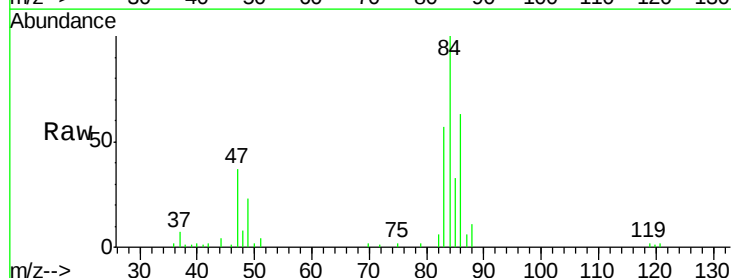
Acq: 22 Jun 2020 23:09

Tgt Ion: 83 Resp: 15758

Ion Ratio Lower Upper

83 100

85 58.1 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039007.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU039007.D (-1158) (-)

5.13

8000

6000

4000

2000

0

Time-->

5.10

5.15

5.20

