

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039062.D
 Acq On : 24 Jun 2020 14:55
 Operator : SY/MD
 Sample : L3109-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F42

Quant Time: Jun 25 01:54:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	329132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	332327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137451	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96397	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	87422	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	144318	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.67	46	378158	43.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.94%
24) Chloroform-d	5.10	84	198620	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.74	65	120255	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.76	84	376160	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.72	67	128606	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.92	98	290400	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.20	79	51886	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.66	63	289600	41.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109348	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	113155	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

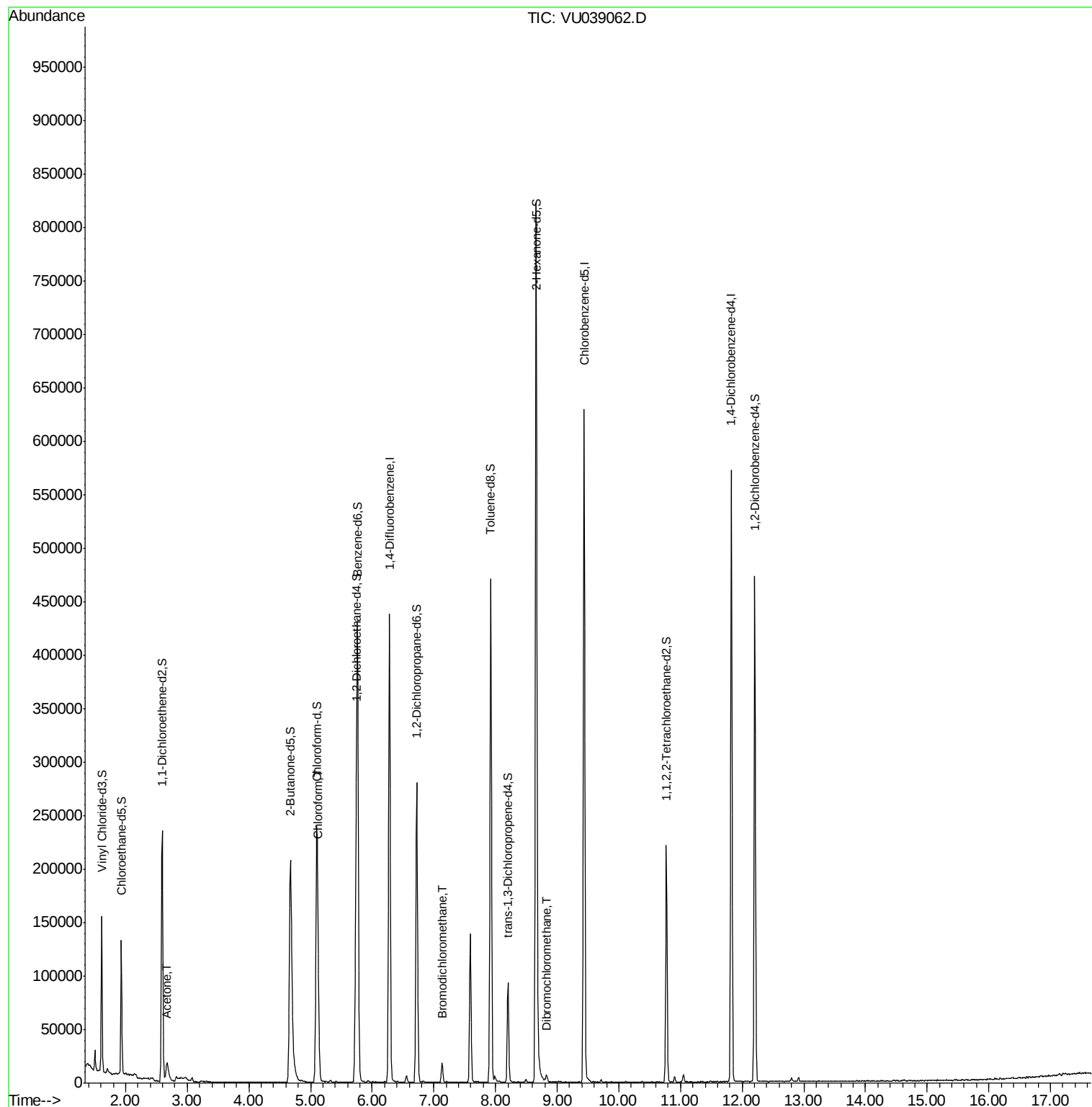
					Ovalue
13) Acetone	2.67	43	34300	5.807 ug/L	95
25) Chloroform	5.12	83	50605	1.039 ug/L	98
38) Bromodichloromethane	7.13	83	12247	0.347 ug/L	97
49) Dibromochloromethane	8.83	129	3191	0.140 ug/L	97

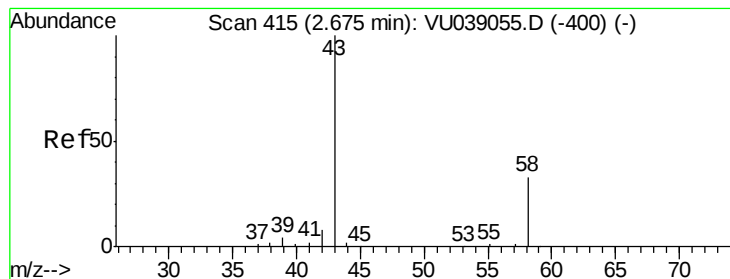
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.807 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU039062.D

Acq: 24 Jun 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

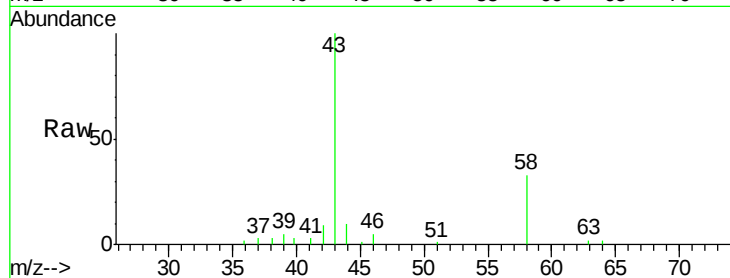
F9F42

Tot Ion: 43 Resp: 34300

Ion Ratio Lower Upper

43 100

58 29.3 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039055.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039055.D (-400) (-)

2.67

12000

10000

8000

6000

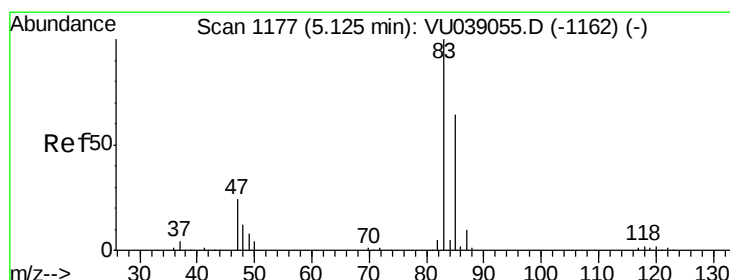
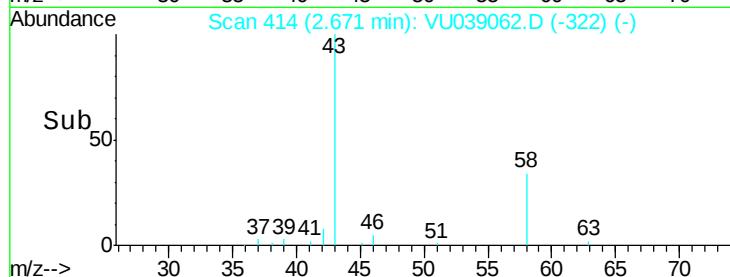
4000

2000

0

Time-->

2.60 2.70 2.80



#25

Chloroform

Concen: 1.039 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU039062.D

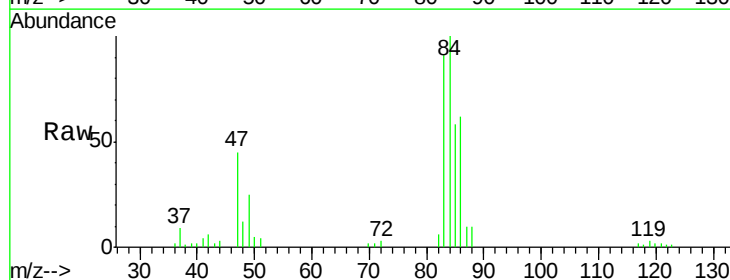
Acq: 24 Jun 2020 14:55

Tgt Ion: 83 Resp: 50605

Ion Ratio Lower Upper

83 100

85 63.8 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VU039055.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU039055.D (-1162) (-)

5.12

25000

20000

15000

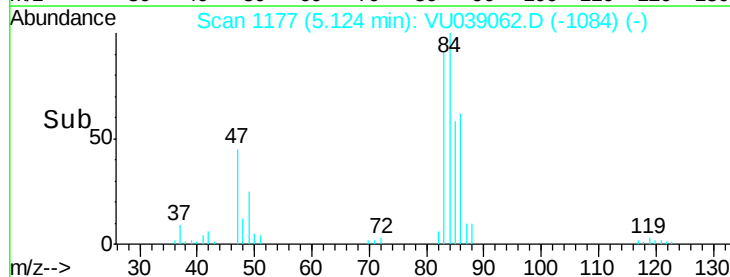
10000

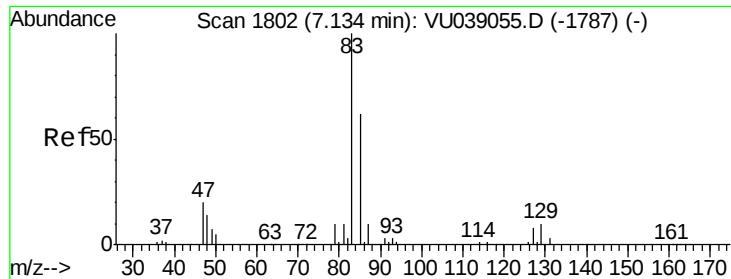
5000

0

Time-->

5.05 5.10 5.15 5.20





#38

Bromodichloromethane

Concen: 0.347 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU039062.D

Acq: 24 Jun 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

F9F42

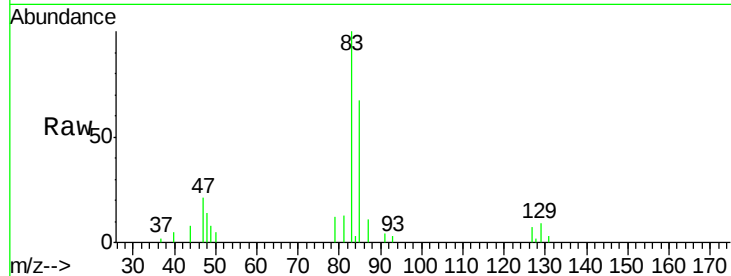
Tot Ion: 83 Resp: 12247

Ion Ratio Lower Upper

83 100

85 66.7 44.9 83.3

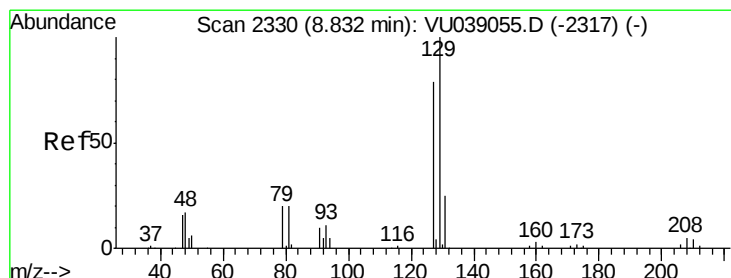
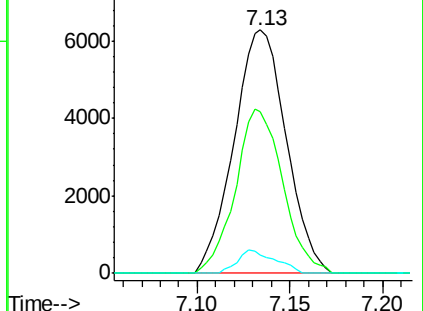
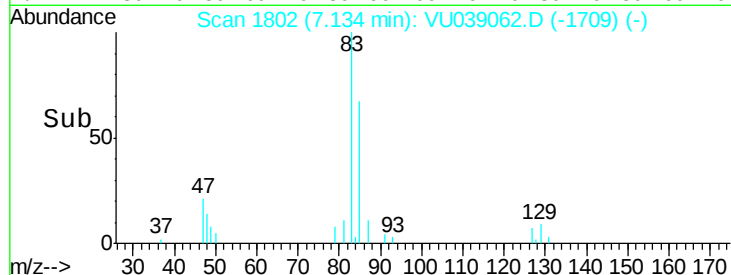
127 7.4 6.3 9.5



Abundance Ion 82.95 (82.65 to 83.65): VU039062.D (-1709) (-)

Ion 85.00 (84.70 to 85.70): VU039062.D (-1709) (-)

Ion 126.90 (126.60 to 127.60): VU039062.D (-1709) (-)



#49

Dibromochloromethane

Concen: 0.140 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU039062.D

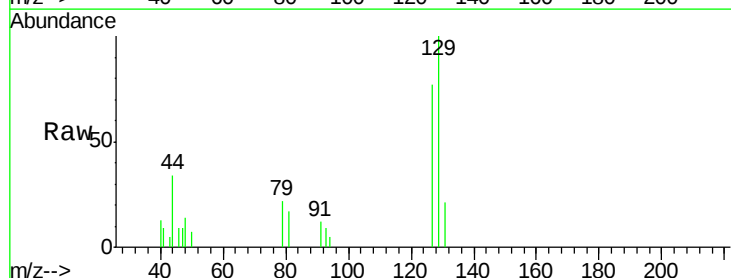
Acq: 24 Jun 2020 14:55

Tgt Ion: 129 Resp: 3191

Ion Ratio Lower Upper

129 100

127 76.5 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): VU039062.D (-2237) (-)

Ion 126.90 (126.60 to 127.60): VU039062.D (-2237) (-)

