

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032095.D
 Acq On : 17 May 2019 11:09
 Operator : JC/SP
 Sample : K2859-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W45

Quant Time: May 18 02:24:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 01:51:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	393617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134661	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.68	69	118276	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	195774	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.19	46	256147	40.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.44%
24) Chloroform-d	4.64	84	248043	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	124731	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.33	84	521054	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.32	67	148876	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.56	98	429821	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.85	79	46948	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.31	63	217852	38.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121363	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	153535	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

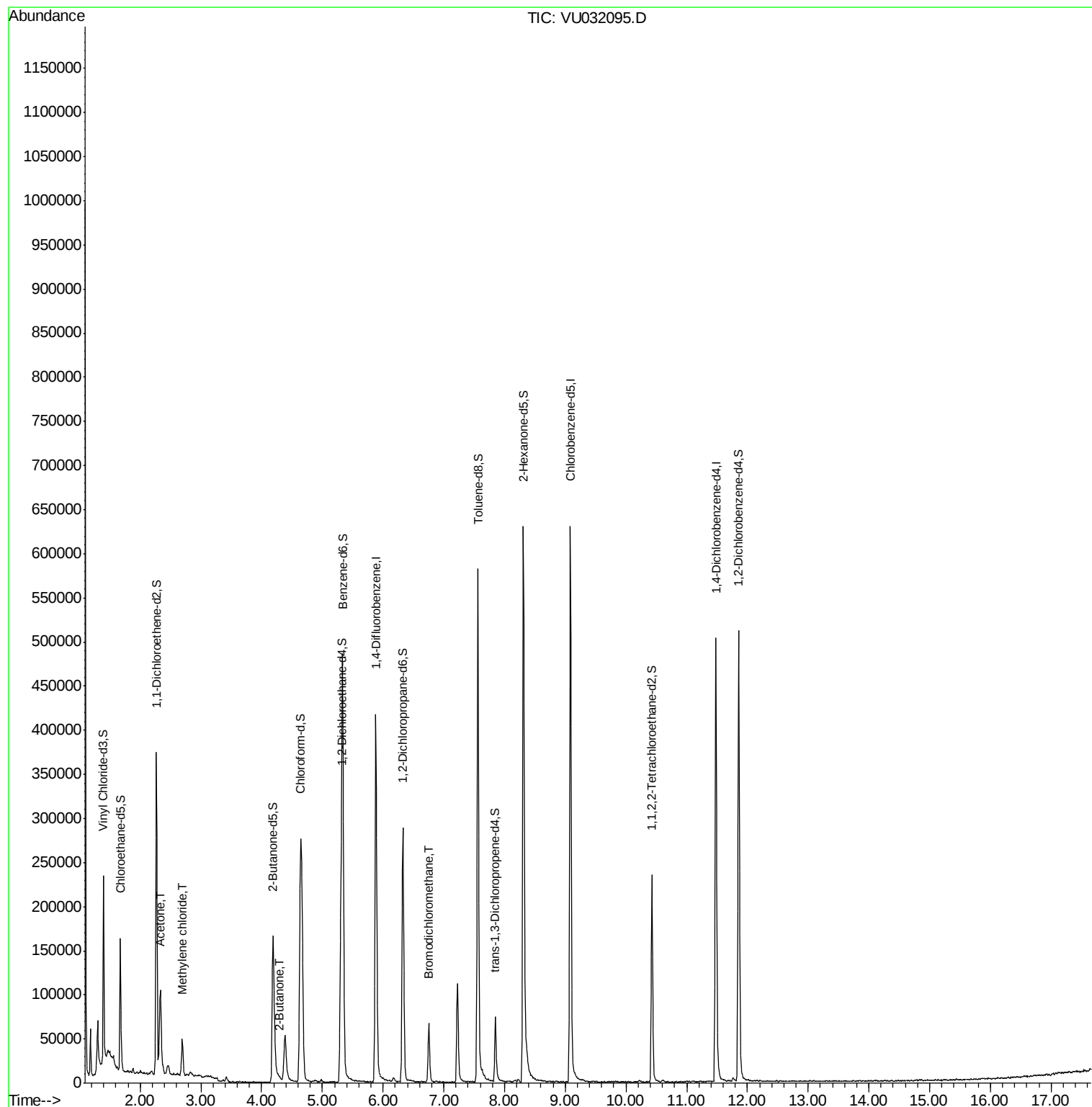
					Ovalue
13) Acetone	2.32	43	52329	25.337	ug/L 100
16) Methylene chloride	2.69	84	21877	1.200	ug/L 93
21) 2-Butanone	4.30	43	4180	1.410	ug/L # 61
38) Bromodichloromethane	6.75	83	45935	2.430	ug/L # 97

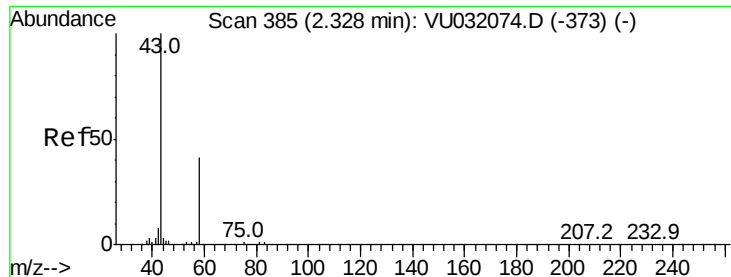
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.337 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

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Acq: 17 May 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

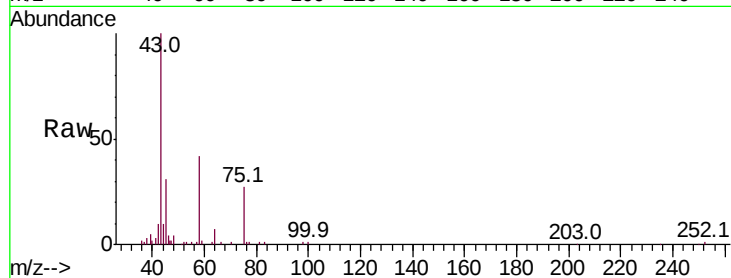
F9W45

Tot Ion: 43 Resp: 52329

Ion Ratio Lower Upper

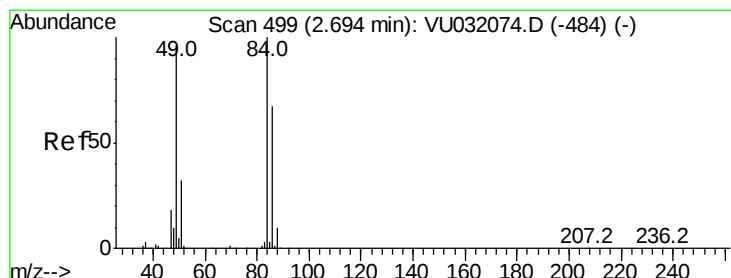
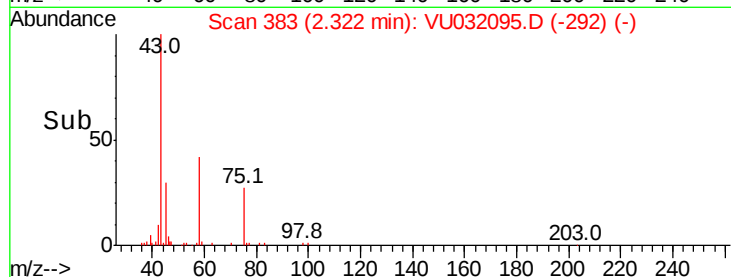
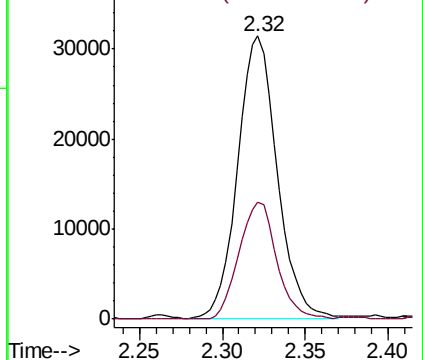
43 100

58 39.2 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 1.200 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032095.D

Acq: 17 May 2019 11:09

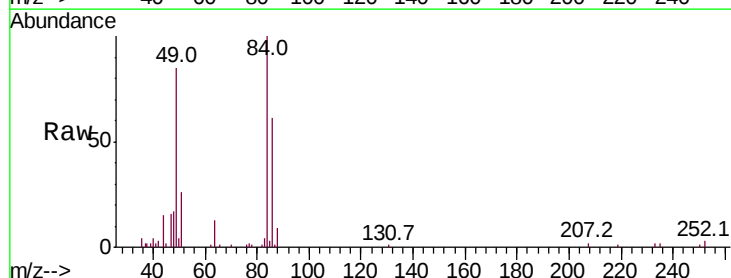
Tgt Ion: 84 Resp: 21877

Ion Ratio Lower Upper

84 100

86 61.2 43.1 80.1

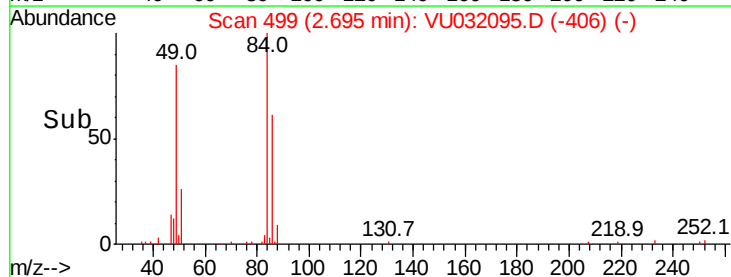
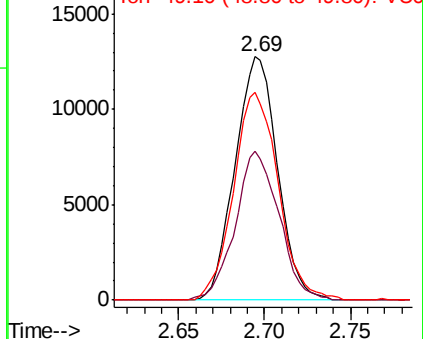
49 85.5 67.7 125.7

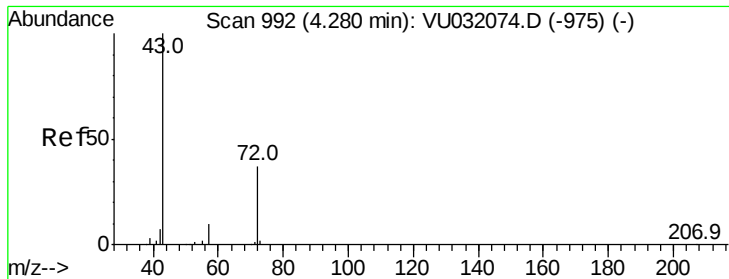


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#21

2-Butanone

Concen: 1.410 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.02 min

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Acq: 17 May 2019 11:09

Instrument :

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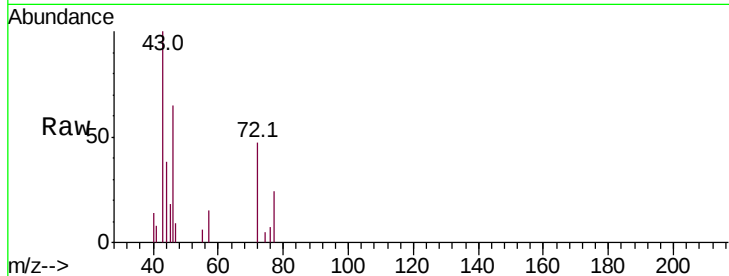
F9W45

Tot Ion: 43 Resp: 4180

Ion Ratio Lower Upper

43 100

72 55.9 16.8 50.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-975) (-)

Ion 72.10 (71.80 to 72.80): VU032074.D (-975) (-)

2500

2000

1500

1000

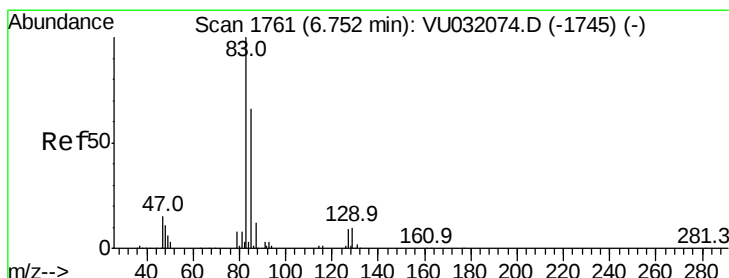
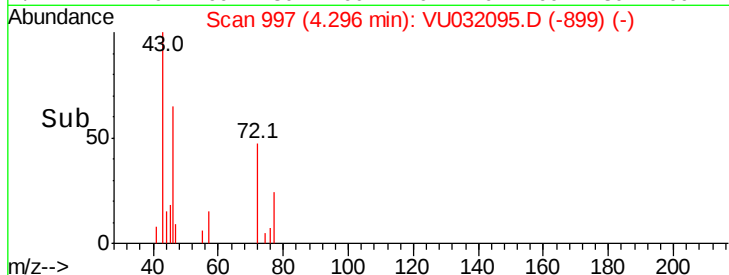
500

0

4.25

4.30

Time-->



#38

Bromodichloromethane

Concen: 2.430 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU032095.D

Acq: 17 May 2019 11:09

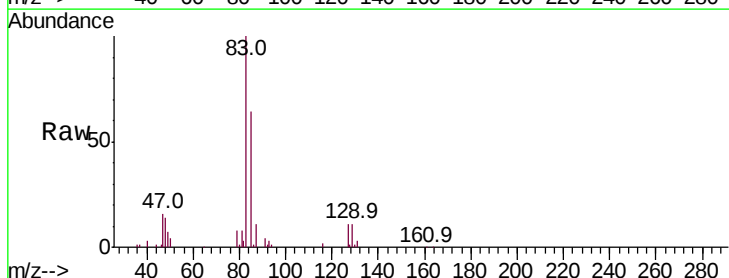
Tgt Ion: 83 Resp: 45935

Ion Ratio Lower Upper

83 100

85 63.6 45.5 84.5

127 11.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU032074.D (-1745) (-)

Ion 85.00 (84.70 to 85.70): VU032074.D (-1745) (-)

Ion 126.90 (126.60 to 127.60): VU032074.D (-1745) (-)

30000

25000

20000

15000

10000

5000

0

6.70

6.75

6.80

6.85

Time-->

