

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039200.D
 Acq On : 29 Jun 2020 18:41
 Operator : SY/MD
 Sample : L3104-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q72

Quant Time: Jun 30 02:50:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	214476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	214775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	93972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55096	2.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.00%
7) Chloroethane-d5	1.93	69	58240	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.59	63	93202	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.67	46	293166	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	5.10	84	148562	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.74	65	94050	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	270499	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.72	67	91869	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.92	98	207207	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.20	79	28856	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.65	63	213632	47.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82468	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	88775	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

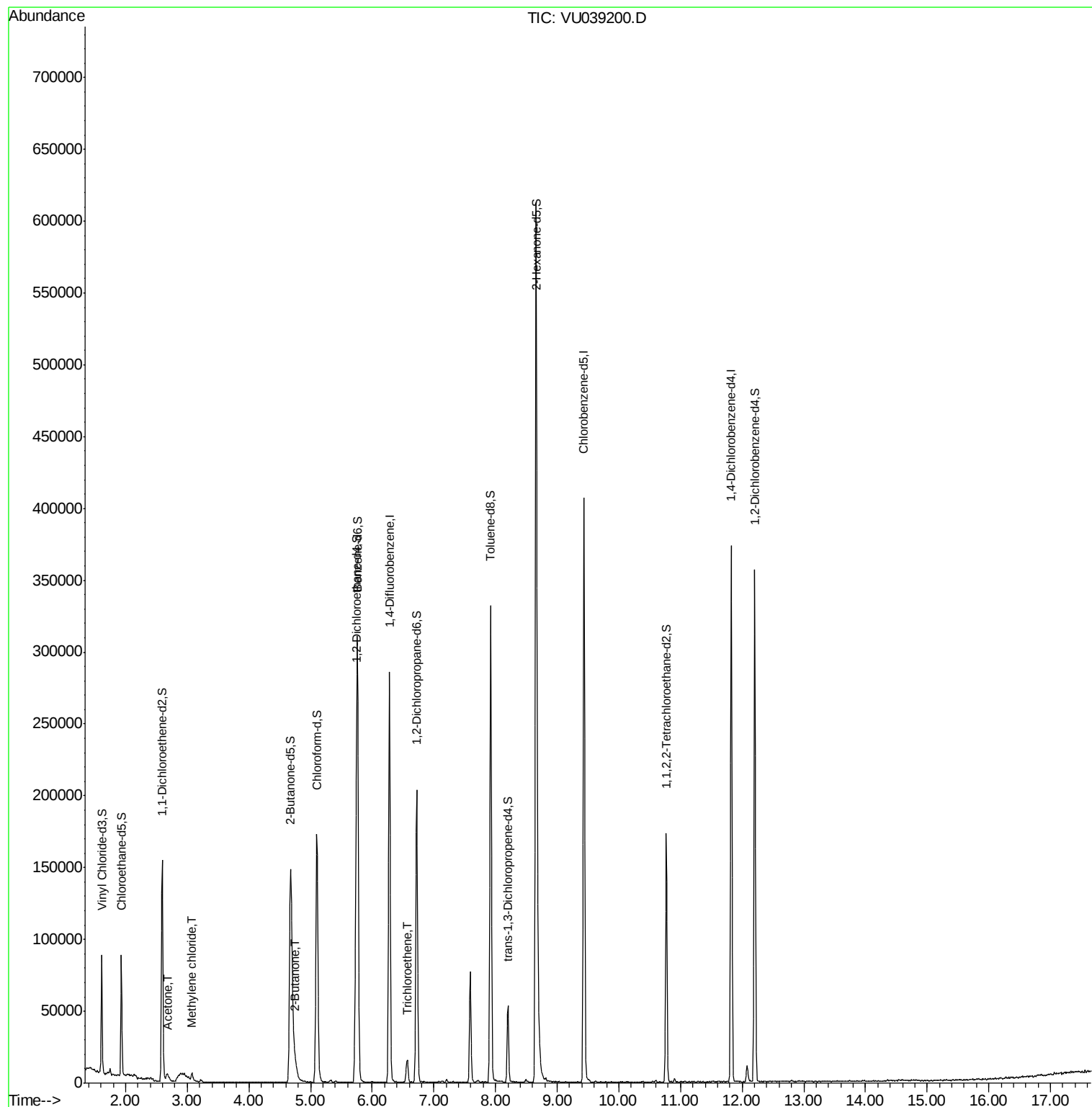
					Ovalue
13) Acetone	2.68	43	10861	2.947 ug/L	87
16) Methylene chloride	3.08	84	2040	0.108 ug/L #	76
21) 2-Butanone	4.76	43	9735	1.663 ug/L	98
34) Trichloroethene	6.57	95	3867	0.219 ug/L	82

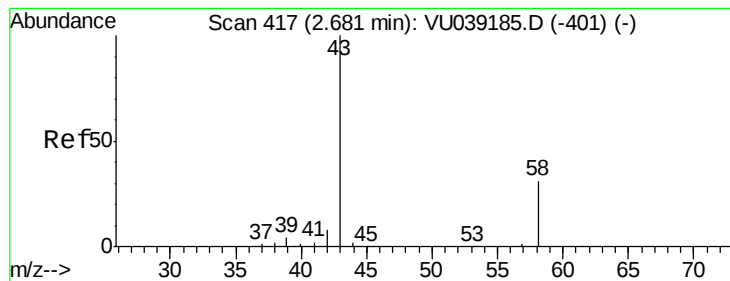
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.947 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

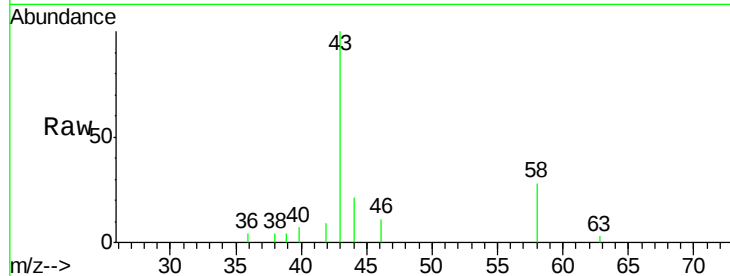
F9Q72

Tot Ion: 43 Resp: 10861

Ion Ratio Lower Upper

43 100

58 24.5 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039185.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU039185.D (-401) (-)

2.68

3000

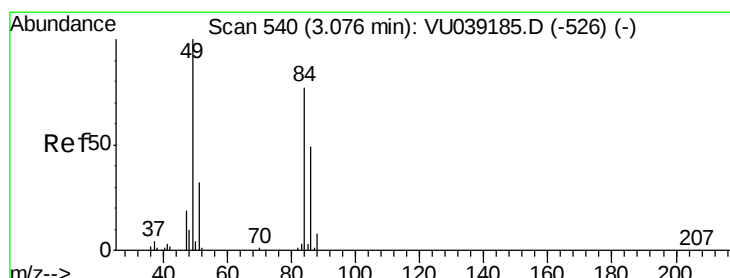
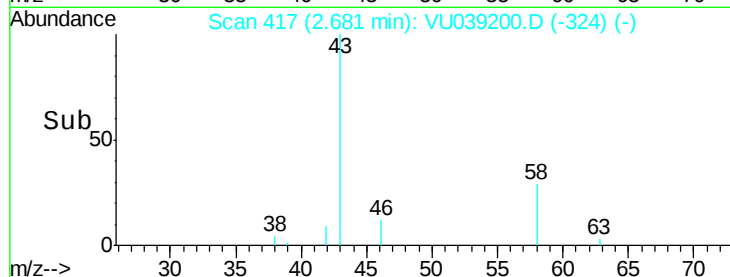
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.108 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

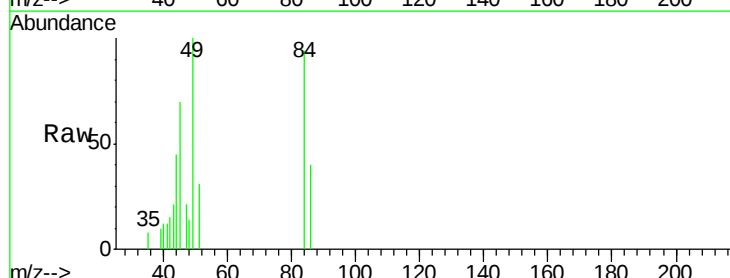
Tgt Ion: 84 Resp: 2040

Ion Ratio Lower Upper

84 100

86 42.5 44.2 82.2#

49 106.5 93.2 173.0



Abundance Ion 84.05 (83.75 to 84.75): VU039185.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU039185.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU039185.D (-526) (-)

3.08

2000

1500

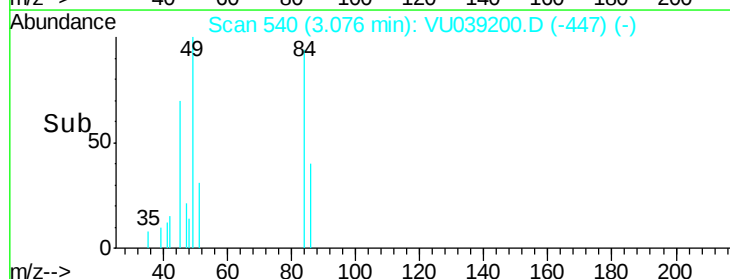
1000

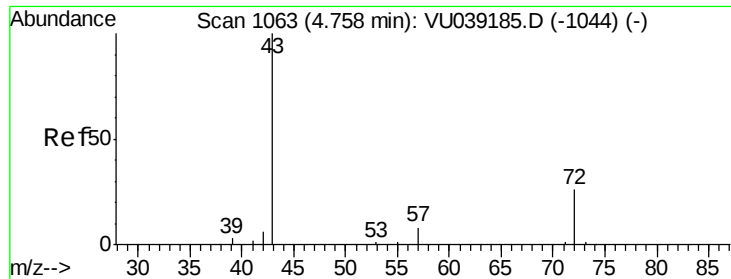
500

0

Time-->

3.05 3.10





#21

2-Butanone

Concen: 1.663 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

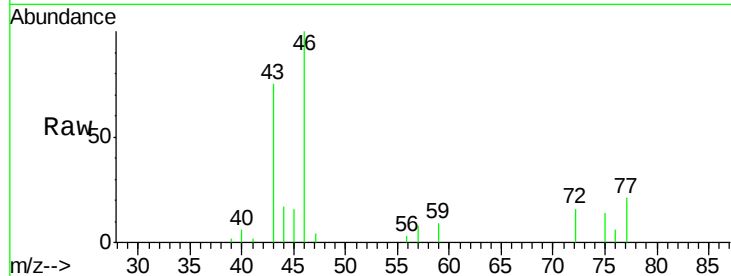
F9Q72

Tot Ion: 43 Resp: 9735

Ion Ratio Lower Upper

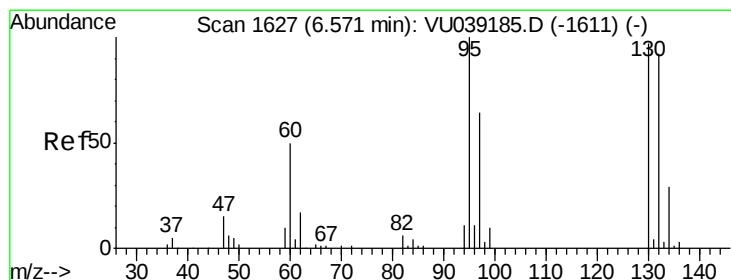
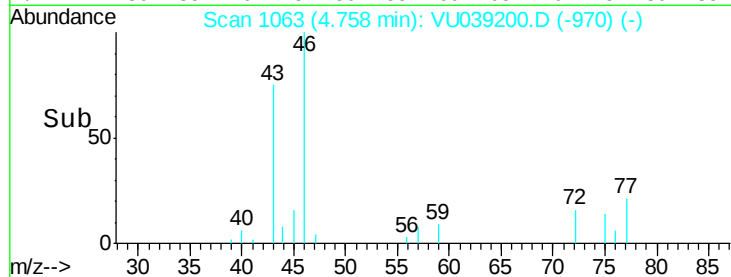
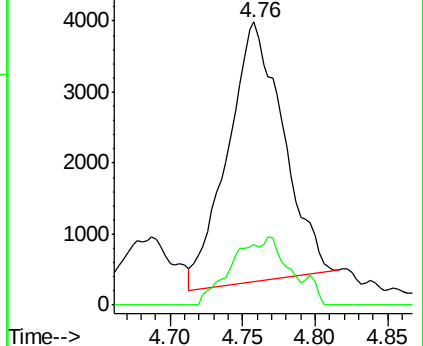
43 100

72 25.6 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039200.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU039200.D (-970) (-)



#34

Trichloroethene

Concen: 0.219 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

Tgt Ion: 95 Resp: 3867

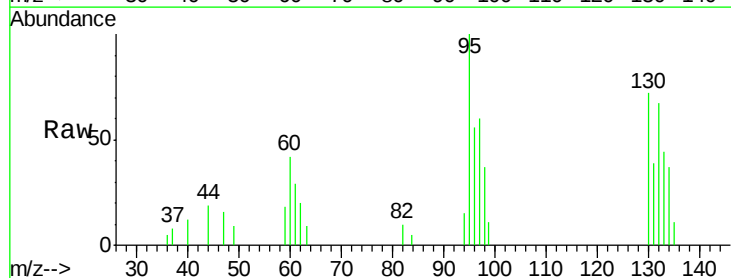
Ion Ratio Lower Upper

95 100

97 60.1 44.0 81.8

132 67.3 61.2 113.8

130 72.0 66.4 123.4



Abundance Ion 95.00 (94.70 to 95.70): VU039200.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU039200.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU039200.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU039200.D (-1534) (-)

