

Data File : VU039869.D
Acq On : 14 Aug 2020 19:20
Operator : SY/MD
Sample : L3517-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M12

Quant Time: Aug 17 05:52:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73731	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17918	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.92	69	19094	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	25916	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.65	46	88069	50.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.58%
24) Chloroform-d	5.08	84	44556	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	26826	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	81467	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	28260	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	65064	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.18	79	10528	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	65822	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26386	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	30967	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

						Qvalue
5) Vinyl chloride	1.61	62	186187	31.058	ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	45843	9.362	ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	12888	2.420	ug/L	90
34) Trichloroethene	6.55	95	1257	0.251	ug/L #	69

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

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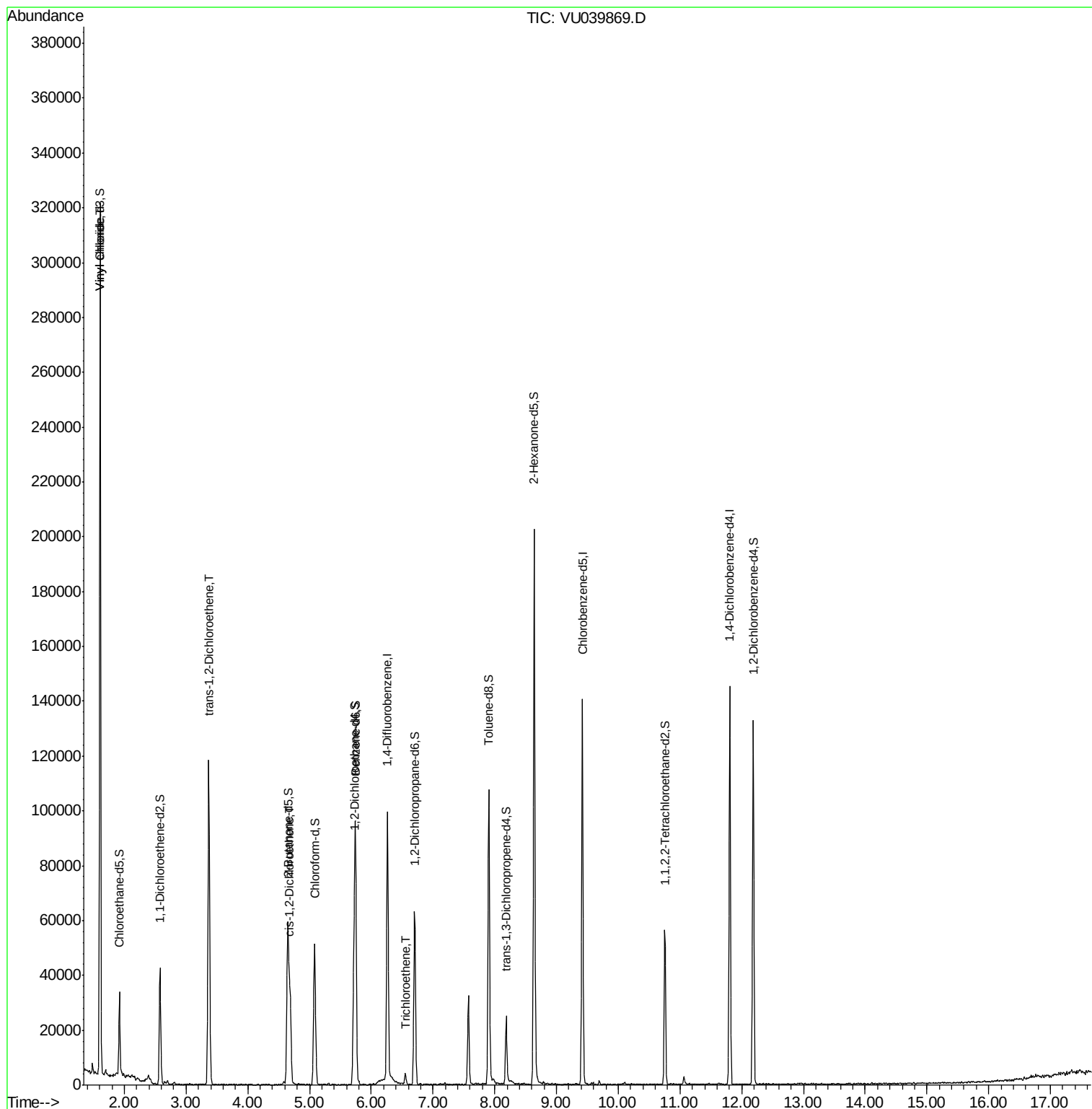
Quant Time: Aug 17 05:52:12 2020

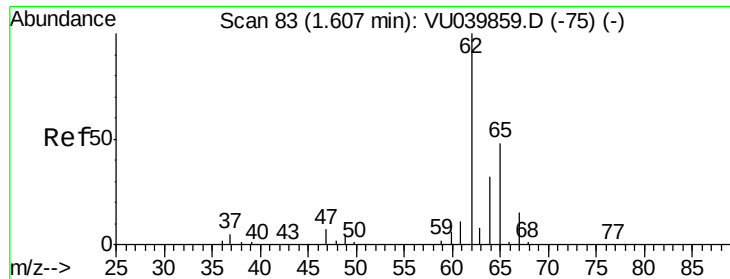
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M

Quant Title : TRACE VOA SOM01.0

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#5

Vinyl chloride

Concen: 31.058 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 14 Aug 2020 19:20

Instrument :

MSVOA_U

ClientSampleId :

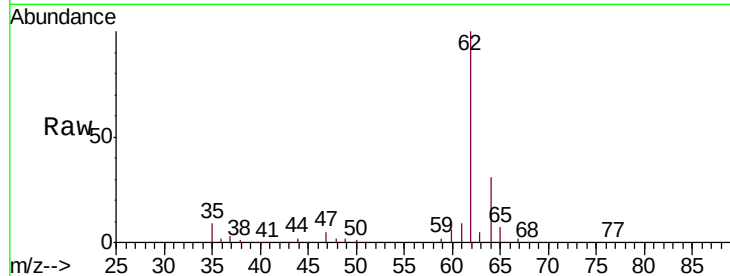
F4M12

Tgt Ion: 62 Resp: 186187

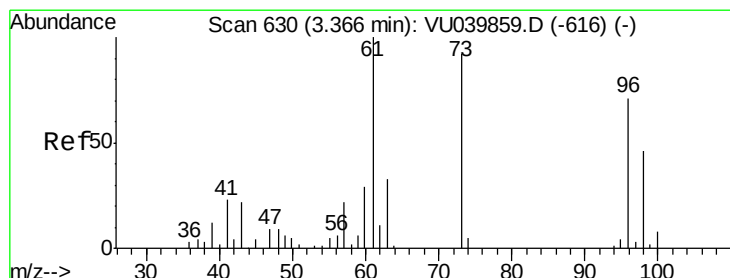
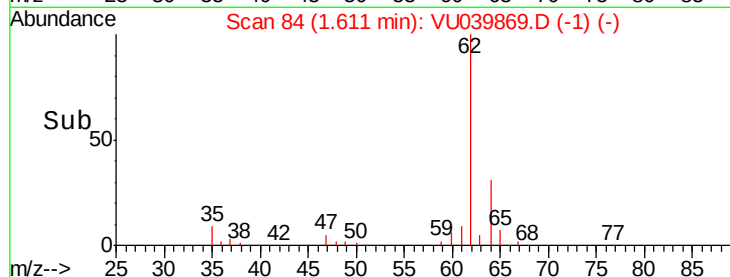
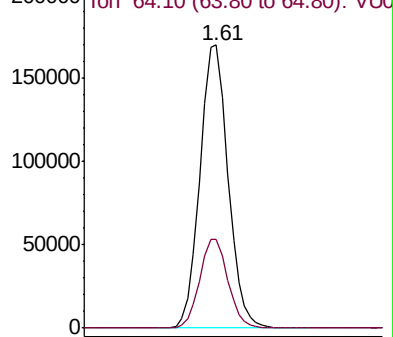
Ion Ratio Lower Upper

62 100

64 31.4 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039869.D (-1) (-)



#18

trans-1,2-Dichloroethene

Concen: 9.362 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU039869.D

Acq: 14 Aug 2020 19:20

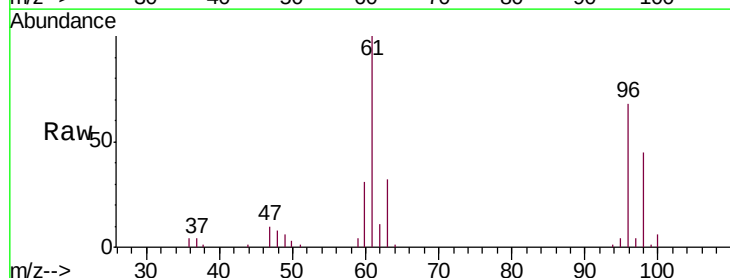
Tgt Ion: 96 Resp: 45843

Ion Ratio Lower Upper

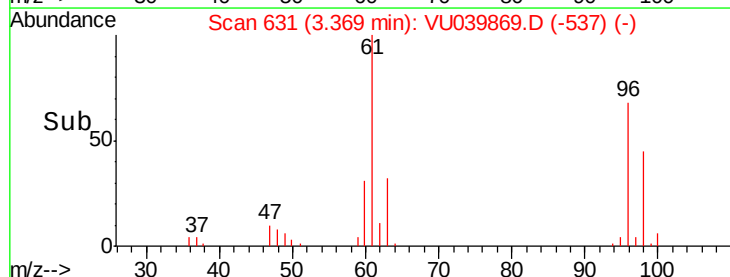
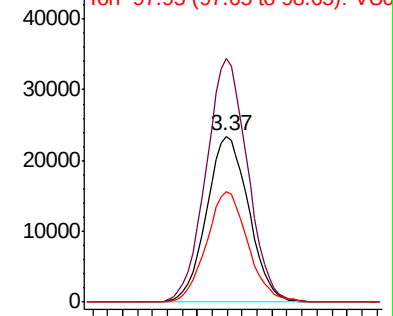
96 100

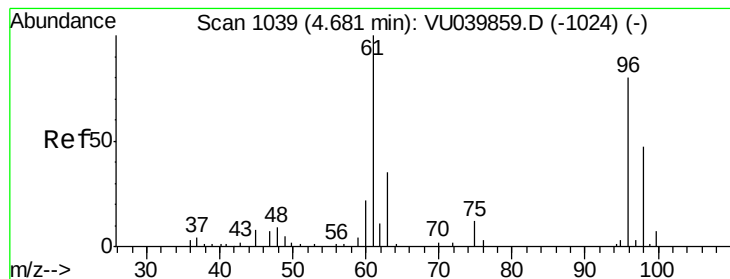
61 146.9 96.5 179.1

98 66.4 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039869.D (-537) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.420 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU039869.D

Acq: 14 Aug 2020 19:20

Instrument :

MSVOA_U

ClientSampled :

F4M12

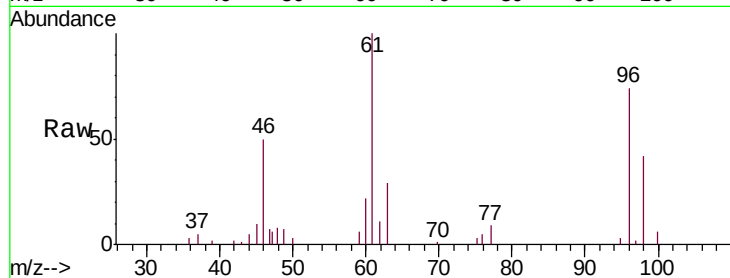
Tgt Ion: 96 Resp: 12888

Ion Ratio Lower Upper

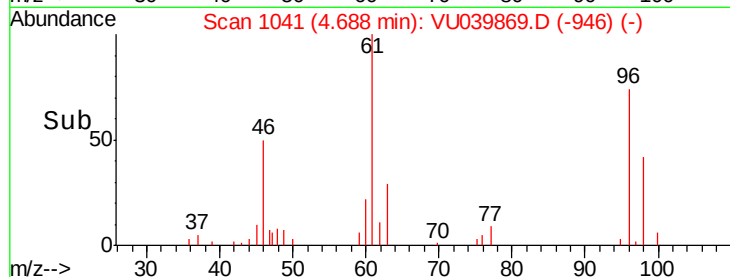
96 100

61 136.0 87.4 162.2

68 0.0 0.0 0.0



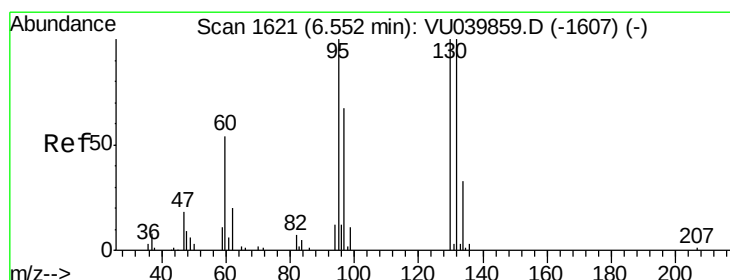
Abundance Ion 96.00 (95.70 to 96.70): VU039869.D (-946) (-)



Ion 61.05 (60.75 to 61.75): VU039869.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU039869.D (-946) (-)

Time-->



#34

Trichloroethene

Concen: 0.251 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU039869.D

Acq: 14 Aug 2020 19:20

Tgt Ion: 95 Resp: 1257

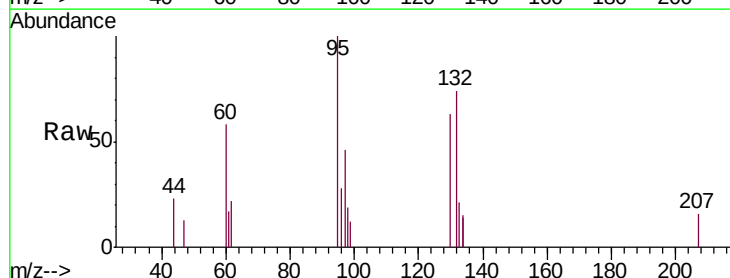
Ion Ratio Lower Upper

95 100

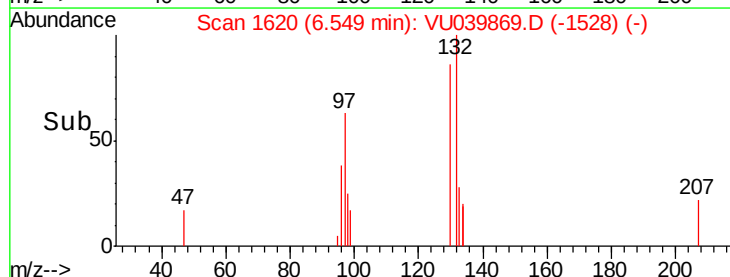
97 46.2 44.0 81.8

132 73.6 71.7 133.3

130 63.2 71.1 132.1#



Abundance Ion 95.00 (94.70 to 95.70): VU039869.D (-1528) (-)



Ion 96.95 (96.65 to 97.65): VU039869.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039869.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039869.D (-1528) (-)

Time-->