

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040379.D
 Acq On : 29 Sep 2020 23:34
 Operator : SY/MD
 Sample : L4186-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F1

Quant Time: Sep 30 03:44:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31444	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.92	69	27588	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	46723	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	161318	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.08	84	72456	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	43983	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.74	84	127596	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	44882	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	98441	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	17268	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.64	63	112129	50.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45429	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46361	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

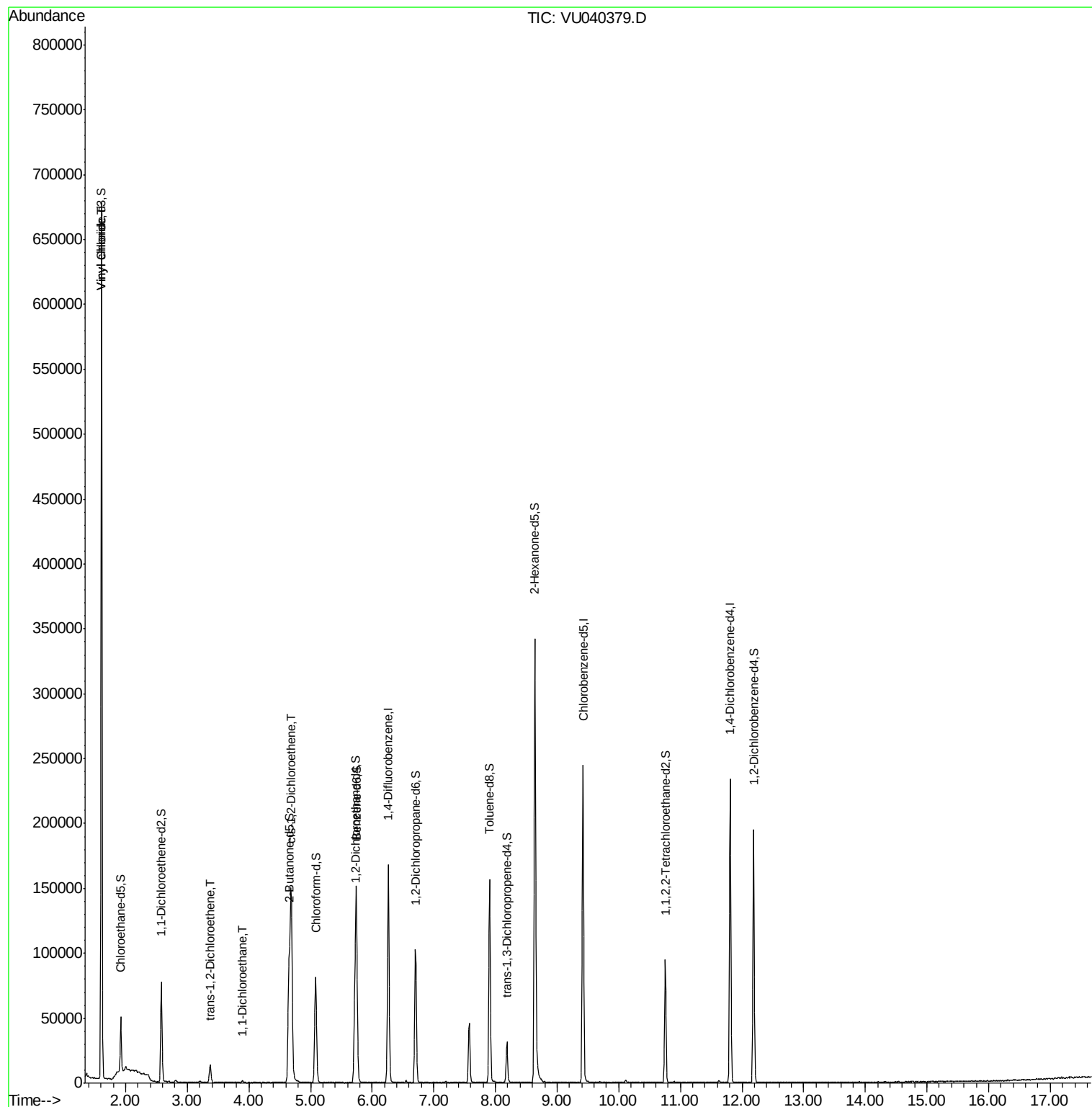
					Ovalue
5) Vinyl chloride	1.61	62	413358	34.297 ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	5447	0.555 ug/L	82
19) 1,1-Dichloroethane	3.89	63	2099	0.104 ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	60563	5.576 ug/L	98

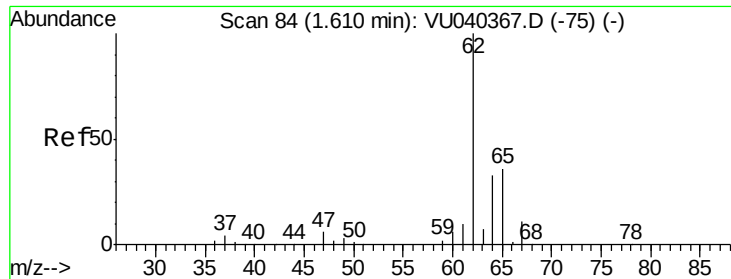
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 34.297 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

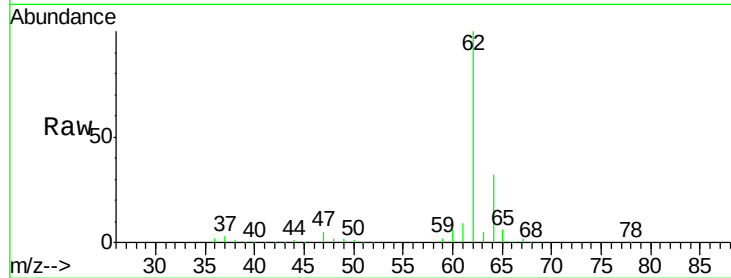
BG0F1

Tot Ion: 62 Resp: 413358

Ion Ratio Lower Upper

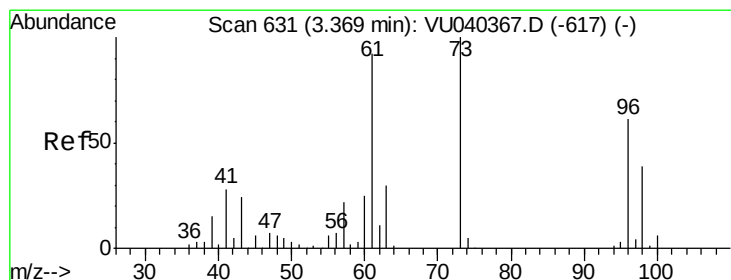
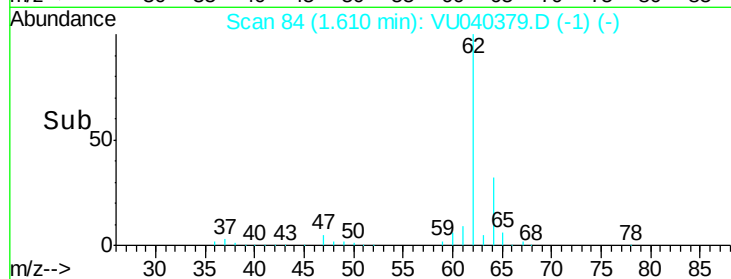
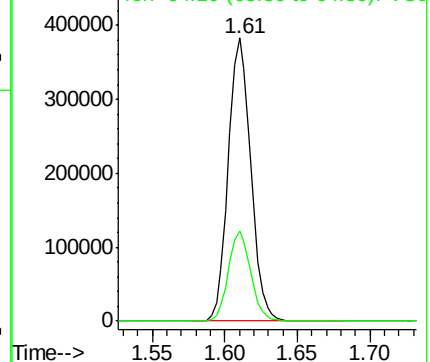
62 100

64 31.7 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.555 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU040379.D

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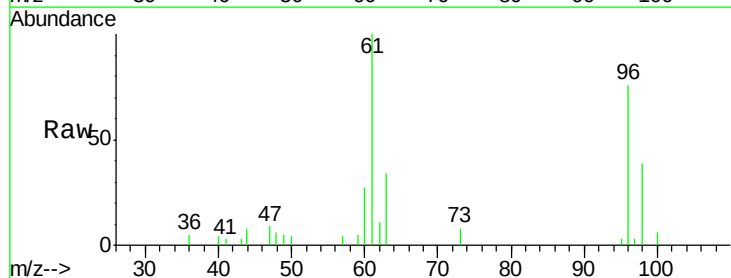
Tgt Ion: 96 Resp: 5447

Ion Ratio Lower Upper

96 100

61 132.4 109.3 203.1

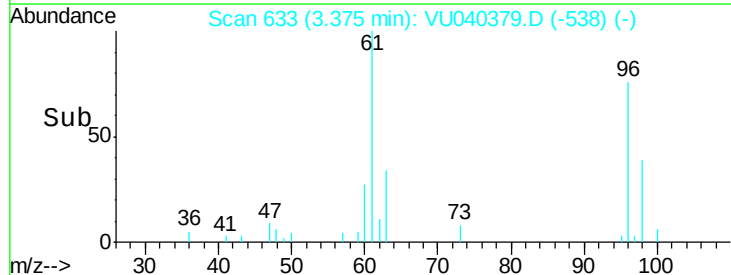
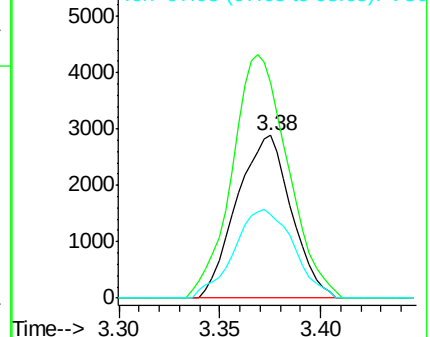
98 51.6 45.8 85.0

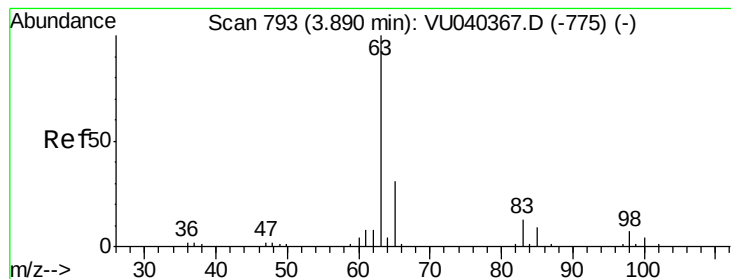


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 0.104 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

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ClientSampleId :

BG0F1

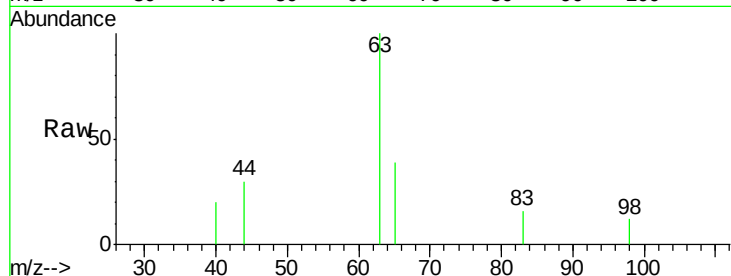
Tot Ion: 63 Resp: 2099

Ion Ratio Lower Upper

63 100

65 39.4 21.7 40.3

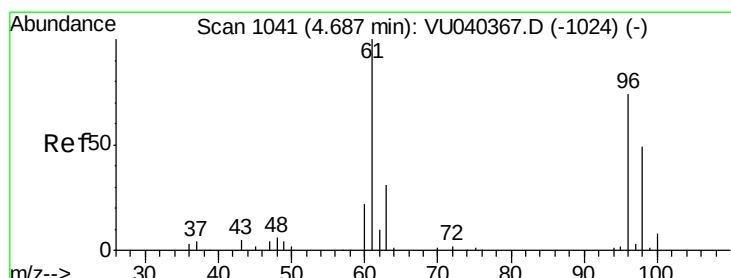
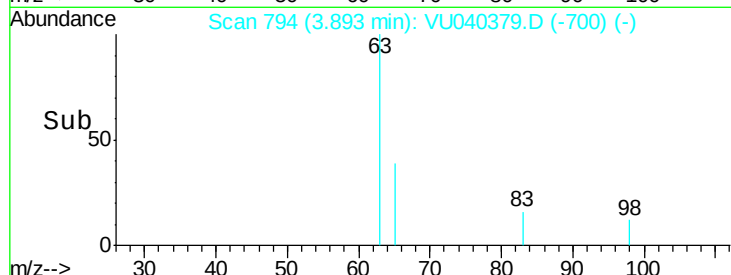
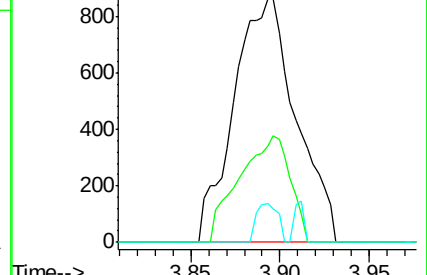
83 16.1 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU040367.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU040367.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU040367.D (-775) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.576 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU040379.D

Acq: 29 Sep 2020 23:34

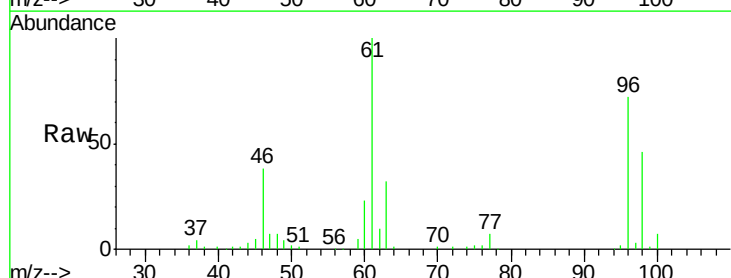
Tgt Ion: 96 Resp: 60563

Ion Ratio Lower Upper

96 100

61 139.7 99.3 184.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040367.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040367.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040367.D (-1024) (-)

